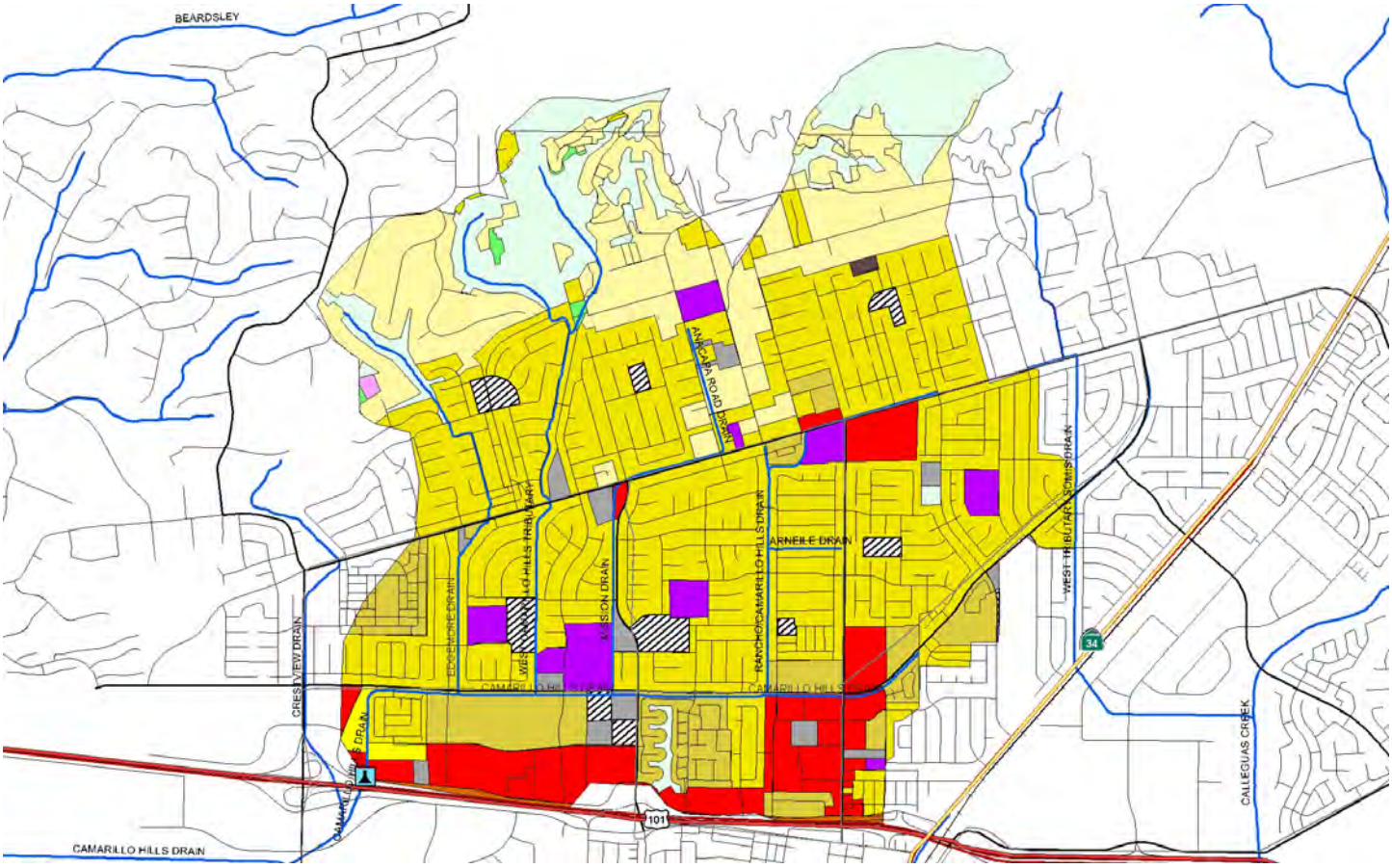
Appendix A: Major Outfall Station Fact Sheets

Camarillo

Waterbody: Camarillo Hills Drain (tributary to Revolon Slough)
Location: Daily Rd. overcrossing (34°13'10.00"N, 119° 3'58.06"W)
Pros: Likely well-defined rating table
Cons: Moderate potential for vandalism
Outstanding Site Selection Tasks: None
Other Potential Sites: None
Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff



Entire City

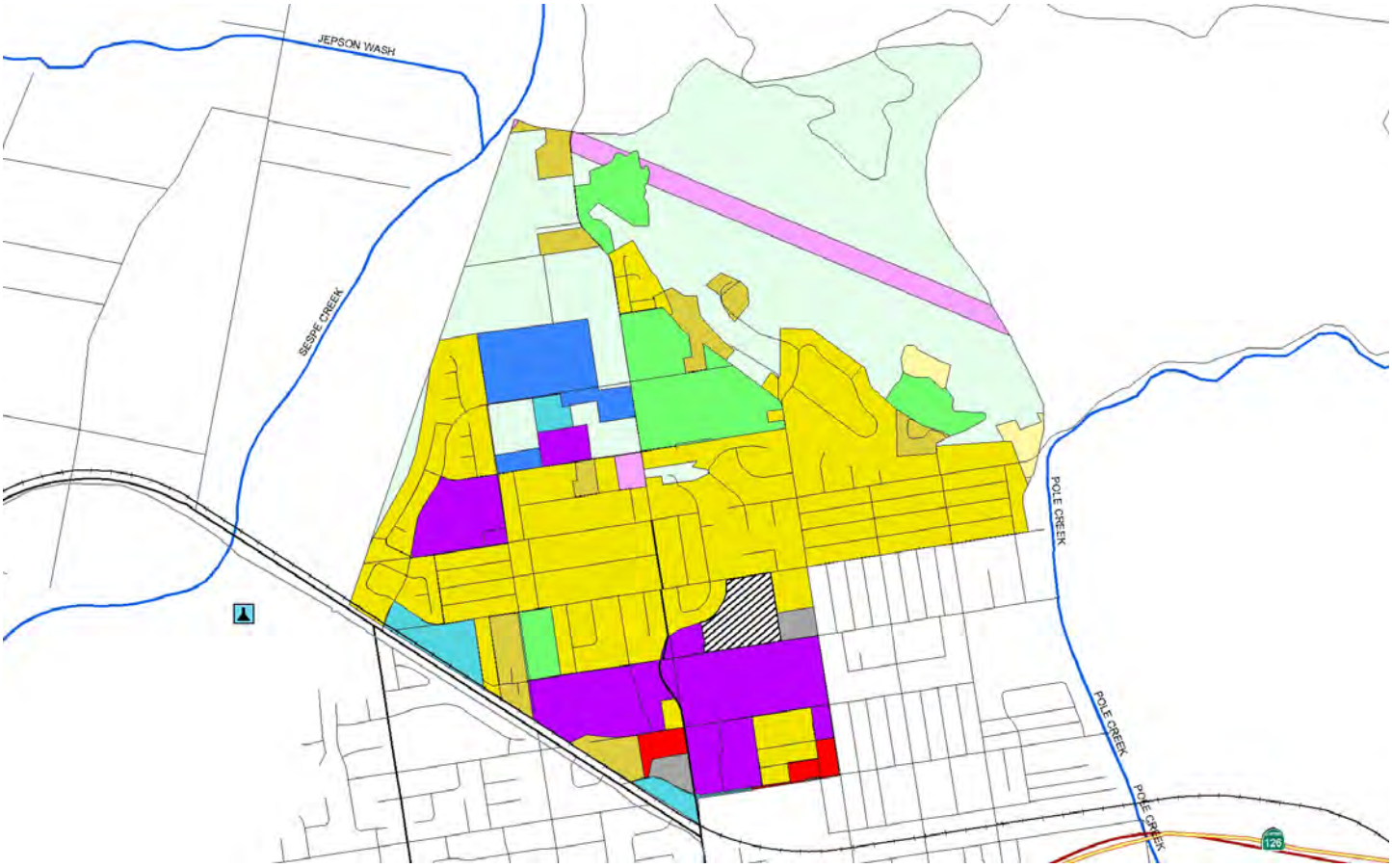
Land Use	Acres	% of Total Watershed
Agriculture	1585.8	12.6%
Com_Indus. Mix	12.5	0.1%
Commer.	657.2	5.2%
Extraction	58.4	0.5%
Facility	129.5	1.0%
Industrial_1	32.2	0.2%
Industrial_3	622.6	4.9%
Military_2	5.7	0.1%
No Info Given	202.2	1.6%
Recreation	489.4	3.9%
Res.1	1305.9	10.4%
Res.2	443.4	3.5%
Res.3	3253.5	25.9%
Res.4	525.0	4.2%
Schools	325.0	2.6%
Transportation	954.2	7.6%
Under Construction	294.8	2.3%
Utilities	255.8	2.0%
Vacant Undifferentiated	1423.4	11.4%
Totals	**12576.4**	**100.0%**

Selected Subwatershed

Land Use	Acres	% of Total Watershed
Agriculture	6.1	0.2%
Commercial	213.5	7.7%
Facility	48.5	1.7%
No Info Given	57.4	2.1%
Res.1	453.4	16.3%
Res.2	235.0	8.5%
Res.3	1365.5	49.1%
Res.4	15.2	0.5%
Schools	80.6	2.9%
Transportation	11.7	0.4%
Under Construction	2.6	0.1%
Utilities	2.3	0.1%
Vacant Undifferentiated	287.4	10.3%
Totals	**2779.1**	**100.0%**

Fillmore

Waterbody: North Fillmore Drain (tributary to Sespe Creek)
Location: 75 yds. southwest of Old Telegraph Rd. (34°24'16.51"N, 118°55'50.47"W)
Pros: Some portion of vegetation could be cleared by City of Fillmore
Cons: Potential for vandalism
Outstanding Site Selection Tasks: None
Other Potential Sites: C Street Drain and Central Ave. Drain
Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff



Entire City

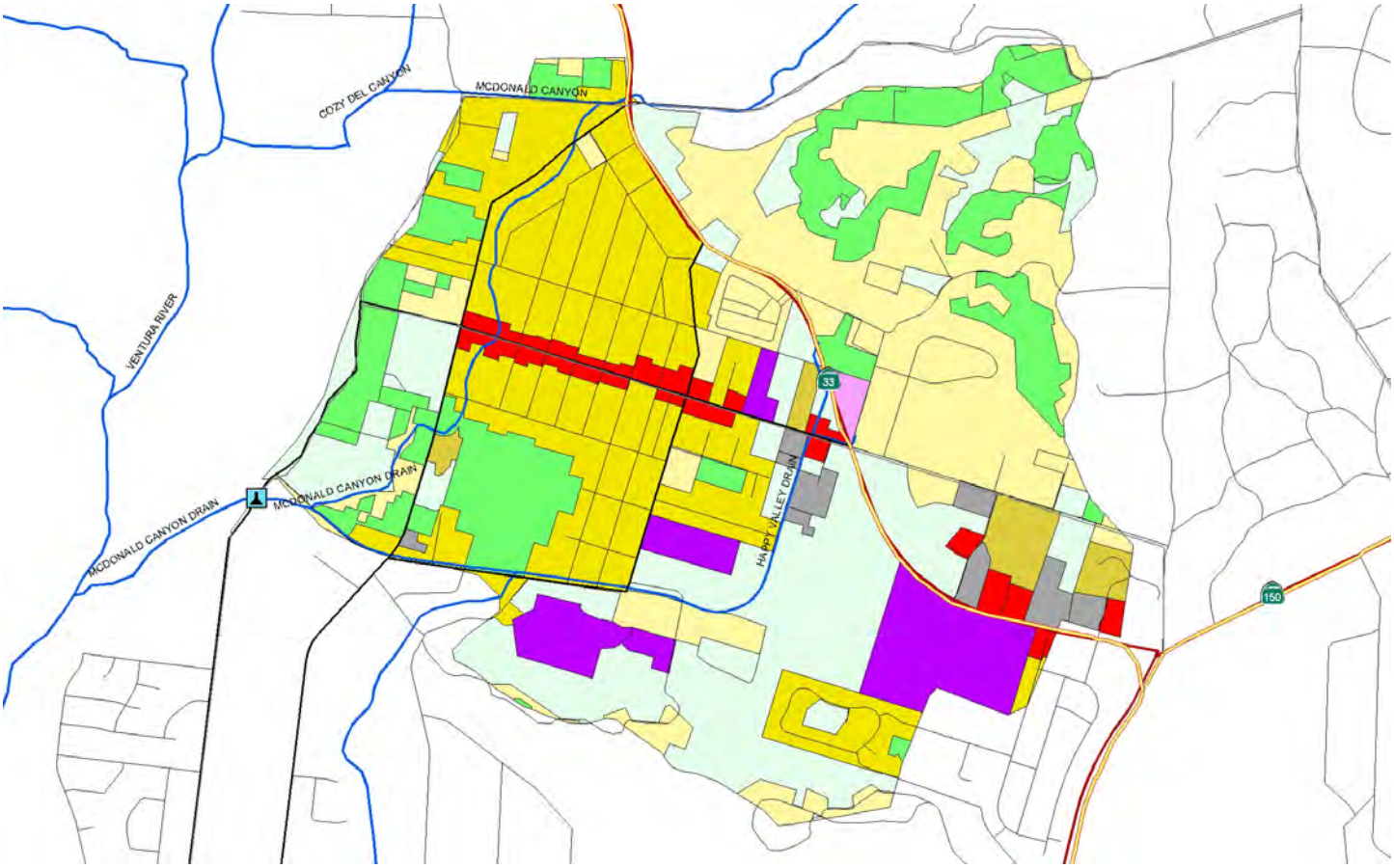
Land Use	Acres	% of Total Watershed
Agriculture	274.8	13.0%
Com_Indus. Mix	10.4	1.0%
Commercial	103.2	5.0%
Facility	27.3	1.0%
Industrial_1	31.3	2.0%
Industrial_3	28.7	1.0%
No Info Given	21.9	1.0%
Res.1	52.8	3.0%
Res.2	44.6	2.0%
Res.3	693.1	34.0%
Schools	87.6	4.0%
Transportation	6.4	0.0%
Under Constructoni	58.4	3.0%
Utilities	45.8	2.0%
Vacant Undifferentiated	582.5	28.0%
Totals	**2068.7**	**100.0%**

Selected Subwatershed

Land Use	Acres	% of Total Watershed
Agriculture	52.5	6.9%
Commercial	6.3	0.8%
Facility	5.1	0.7%
Industrial_1	14.1	1.9%
Industrial_3	23.4	3.1%
No Info Given	9.9	1.3%
Res.1	6.1	0.8%
Res.2	29.7	3.9%
Res.3	255.7	33.6%
Schools	75.3	9.9%
Utilities	23.1	3.0%
Vacant Undifferentiated	260.6	34.2%
Totals	**761.7**	**100.0%**

Meiners Oaks (Unincorporated)

Waterbody: Happy Valley Drain (tributary to Ventura River)
Location: Southwest of Lomita Rd. and Rice Rd. intersection (34°26'43.98"N, 119°17'25.18"W)
Pros: Good control, good access, existing stream flow gauge
Dry Season Flow Potential: Unknown at end of rainy season; unlikely later in summer



Entire City

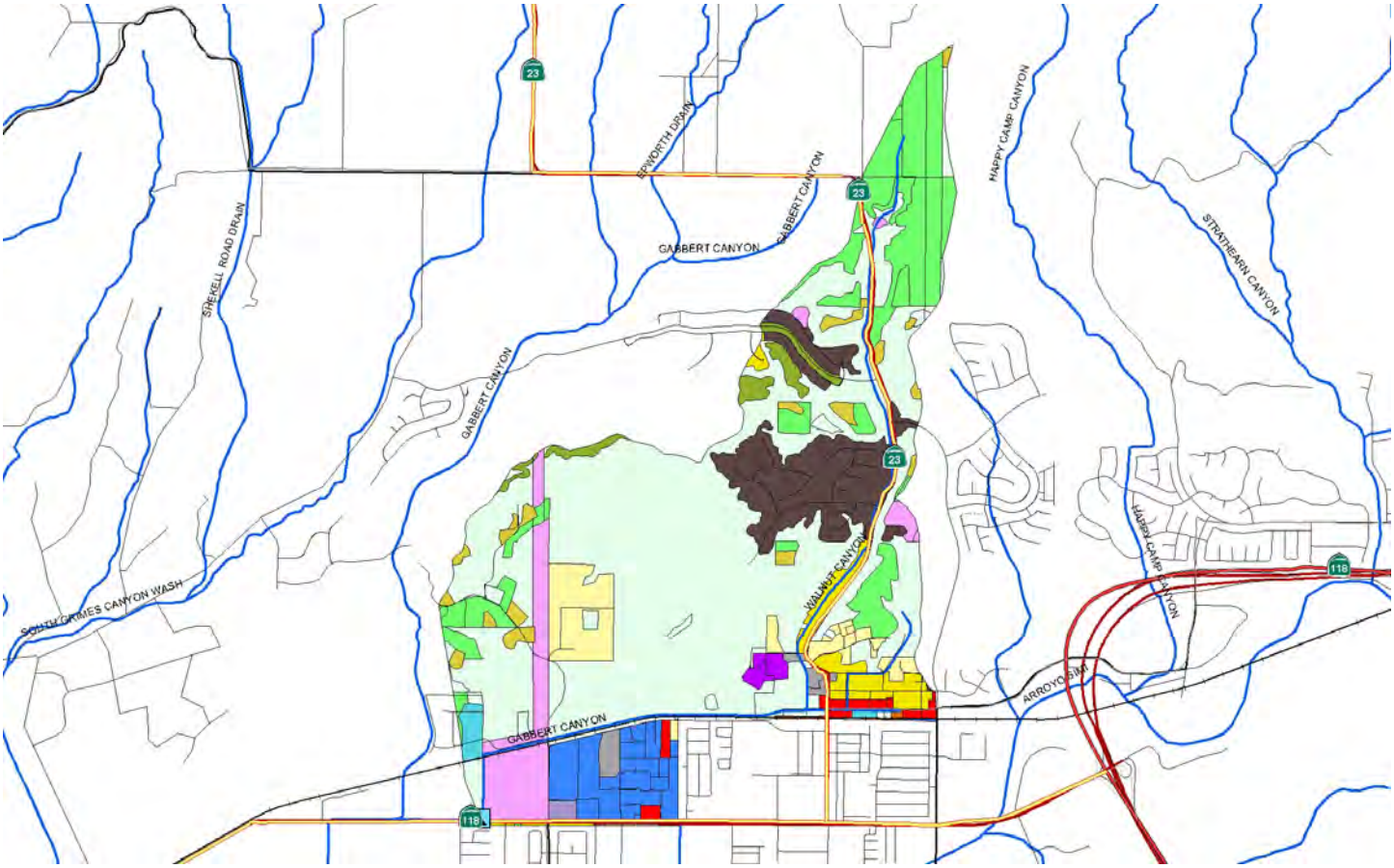
Land Use	Acres	% of Total Watershed
Agriculture	658.0	21.5%
Cemeteries	0.0	0.0%
Commercial	33.0	1.1%
Facility	15.5	0.5%
Recreation	29.9	1.0%
Res.1	812.3	26.5%
Res.2	43.9	1.4%
Res.3	463.4	15.1%
Schools	46.5	1.5%
Utilities	19.3	0.6%
Vacant Undifferentiated	945.0	30.8%
Totals	**3066.8**	**100.0%**

Selected Subwatershed

Land Use	Acres	% of Total Watershed
Agriculture	152.1	14.8%
Commercial	30.8	3.0%
Facility	20.8	2.0%
Res.1	234.0	22.8%
Res.2	22.0	2.1%
Res.3	249.9	24.4%
Schools	63.6	6.2%
Utilities	3.8	0.4%
Vacant Undifferentiated	248.8	24.3%
Totals	**1025.9**	**100.0%**

Moorpark

Waterbody: Gabbert Canyon Drain (tributary to Arroyo Las Posas)
Location: North side of SR 118 near southwest corner of So. Cal. Edison property (34°16'44.29"N, 118°54'19.40"W)
Pros: Likely well-defined rating table
Cons: Aerial deposition from vehicular traffic on 118, potential for vandalism
Outstanding Site Selection Tasks: Move sampling location shown on watershed map
Other Potential Sites: Upstream current location, although site would interfere with access road
Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff



Entire City

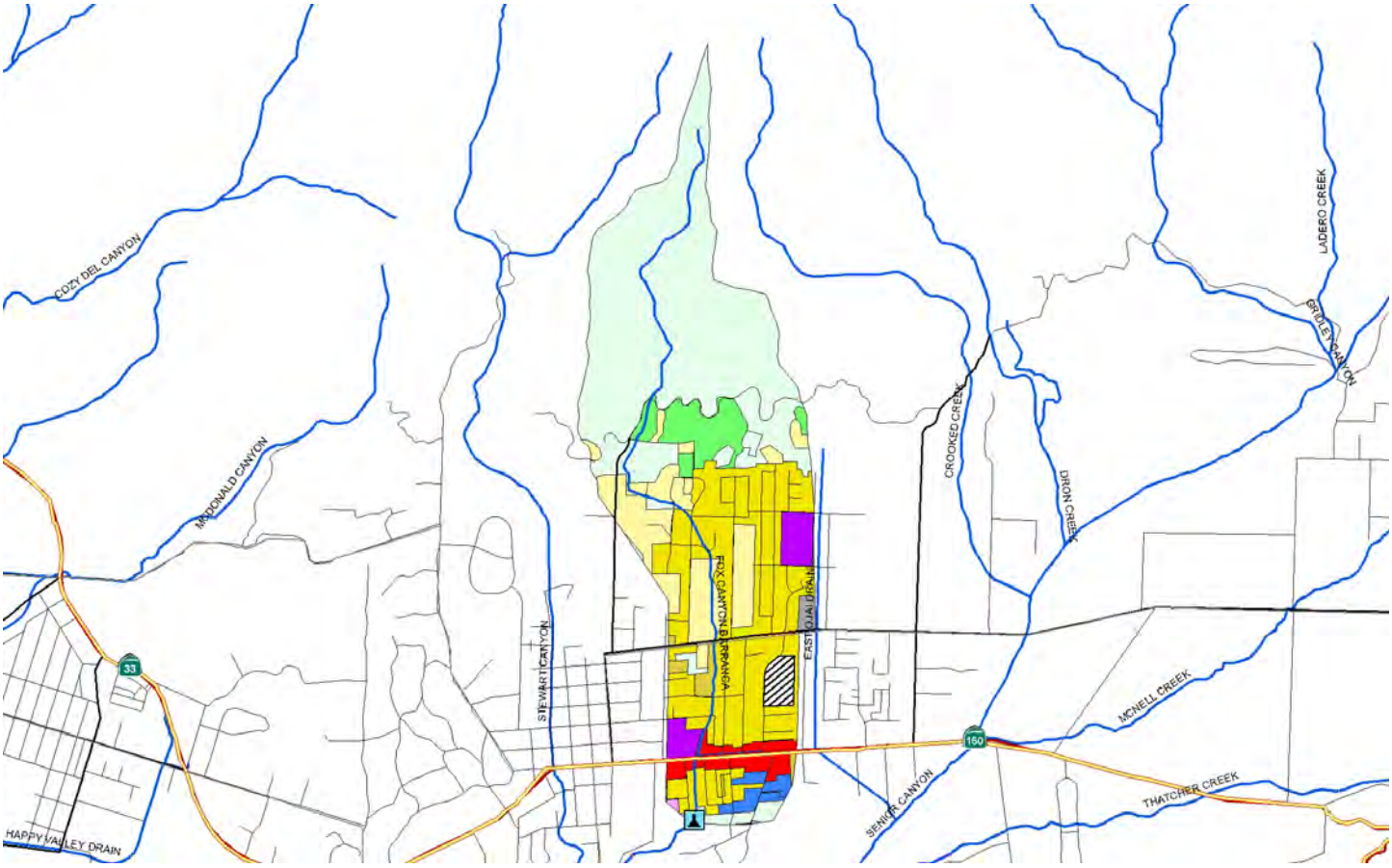
Land Use	Acres	% of Total Watershed
Land Use	**Acres**	**% of Total Watershed**
Agriculture	351.7	4.0%
Com_Indus. Mix	9.1	0.0%
Commercial	196.3	2.0%
Extraction	39.2	0.0%
Facility	40.9	1.0%
Industrial_1	21.3	0.0%
Industrial_3	225.2	3.0%
No Info Given	148.3	2.0%
Recreation	186.1	2.0%
Res.1	213.5	3.0%
Res.2	190.4	2.0%
Res.3	1854.6	23.0%
Res.4	106.8	1.0%
Schools	302.1	4.0%
Transportation	198.0	2.0%
Under Construction	472.9	6.0%
Utilities	211.9	3.0%
Vacant Undifferentiated	3213.1	40.0%
Totals	**7981.5**	**100.0%**

Selected Subwatershed

Land Use	Acres	% of Total Watershed
Agriculture	230.0	12.7%
Commercial	19.9	1.1%
Extraction	5.8	0.3%
Facility	16.8	0.9%
Industrial_1	13.3	0.7%
Industrial_3	90.4	5.0%
Recreation	31.0	1.7%
Res.1	82.3	4.5%
Res.2	37.4	2.1%
Res.3	56.3	3.1%
Res.4	1.5	0.1%
Schools	10.5	0.6%
Transportation	3.1	0.2%
Under Construction	166.2	9.2%
Utilities	100.7	5.5%
Vacant Undifferentiated	950.8	52.4%
Totals	**1816.2**	**100.0%**

Ojai

Waterbody: Fox Canyon Barranca (tributary to San Antonio Creek)
Location: Concrete box channel upstream Ojai Valley Athletic Club and downstream pedestrian walkway (34°26'41.25"N, 119°14'28.43"W)
Pros: Numerous bridges to sample from, located behind VCWPD gate, likely well-defined rating table
Cons: Some potential for vandalism
Outstanding Site Selection Tasks: Work with VCWPD O&M to ensure enclosure doesn't interfere with maintenance activities
Other Potential Sites: Downstream where Stewart Canyon crosses beneath Ventura St. (bioassessment #8)
Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff



Entire Watershed

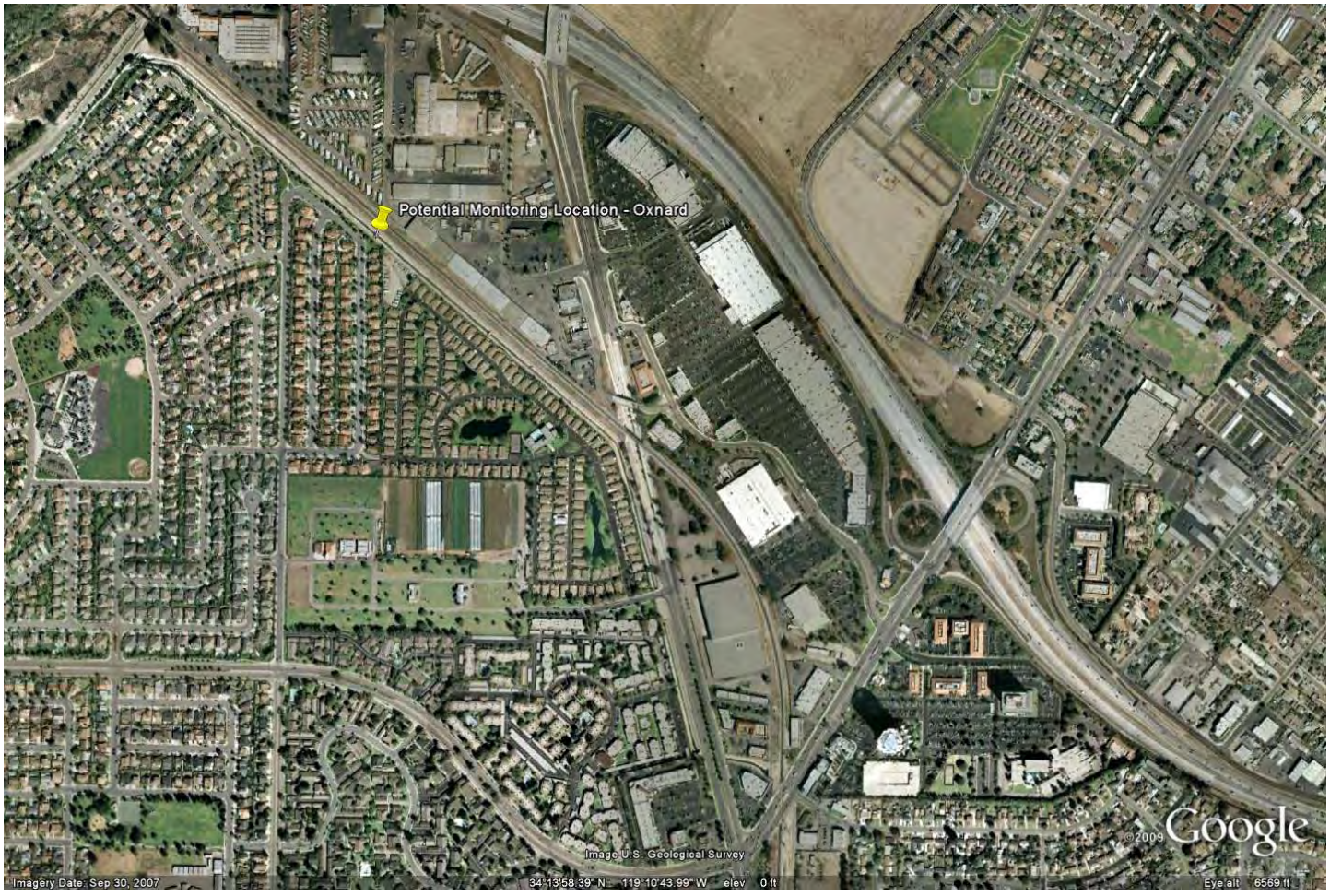
Land Use	Acres	% of Total Watershed
Agriculture	83.1	3.0%
Cemeteries	3.8	0.1%
Com_Indus. Mix	7.6	0.3%
Commercial	155.1	5.6%
Facility	43.2	1.5%
Industrial_3	13.2	0.5%
No Info Given	55.6	2.0%
Recreation	312.1	11.2%
Res.1	620.7	22.2%
Res.2	61.3	2.2%
Res.3	534.8	19.1%
Res.4	3.3	0.1%
Schools	100.6	3.6%
Utilities	32.9	1.2%
Vacant Undifferentiated	767.1	27.5%
Totals	**2794.7**	**100.0%**

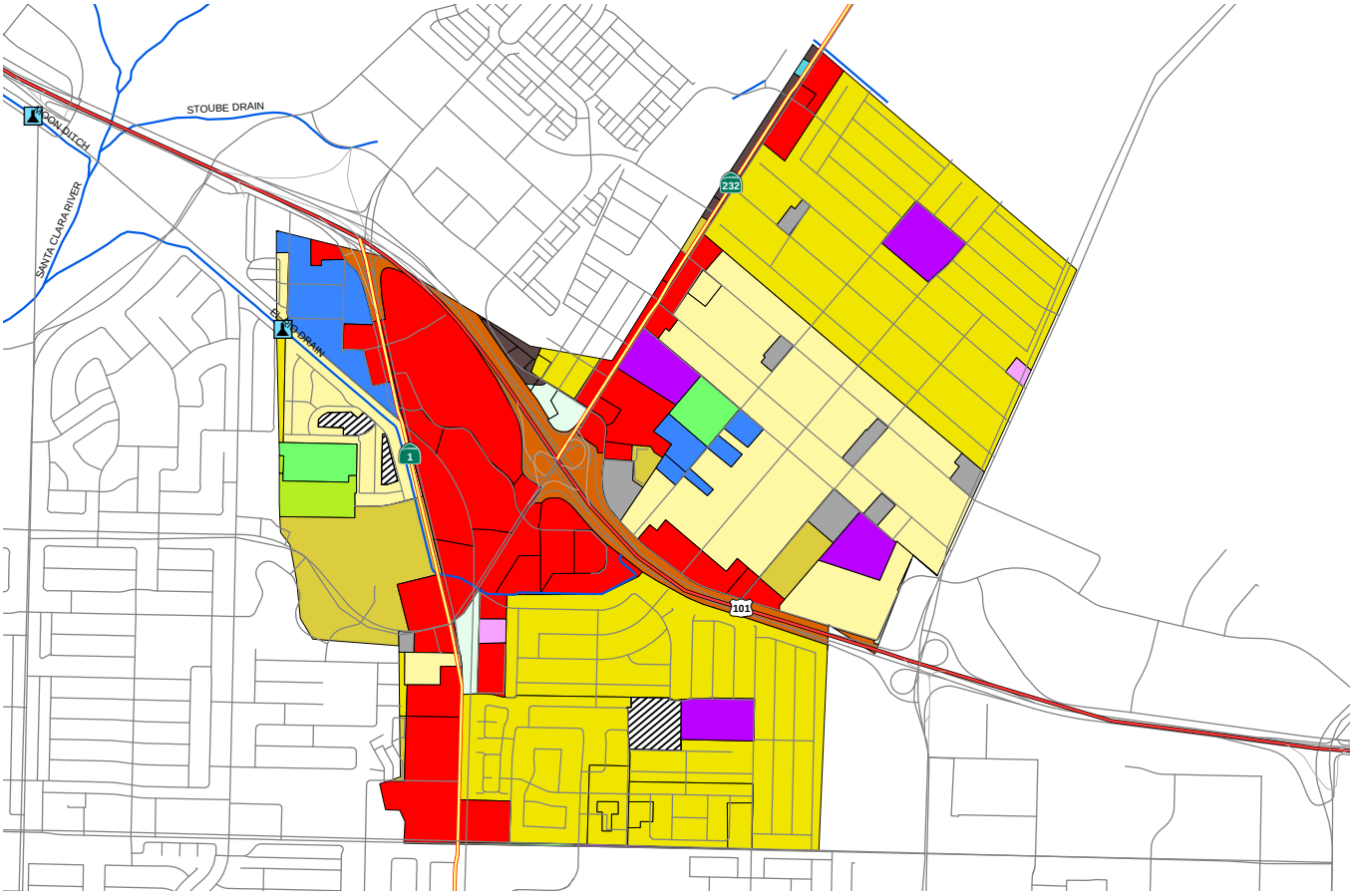
Selected Subwatershed

Land Use	Acres	% of Total Watershed
Agriculture	37.3	5.0%
Commercial	23.8	3.2%
Facility	4.1	0.6%
Industrial_3	11.4	1.5%
No Info Given	10.0	1.3%
Recreation	0.1	0.0%
Res.1	84.3	11.3%
Res.2	8.0	1.1%
Res.3	210.9	28.2%
Res.4	0.1	0.0%
Schools	20.2	2.7%
Utilities	1.0	0.1%
Vacant Undifferentiated	337.5	45.1%
Totals	**748.6**	**100.0%**

Oxnard

Waterbody: El Rio Drain (tributary to Santa Clara River)
Location: Pedestrian bridge 50 yds. southwest bend of Winchester Dr. (34°14'10.10"N, 119°11'3.93"W)
Pros: Likely well-defined rating table
Cons: High potential for vandalism
Outstanding Site Selection Tasks: None
Other Potential Sites: None
Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff





Entire City

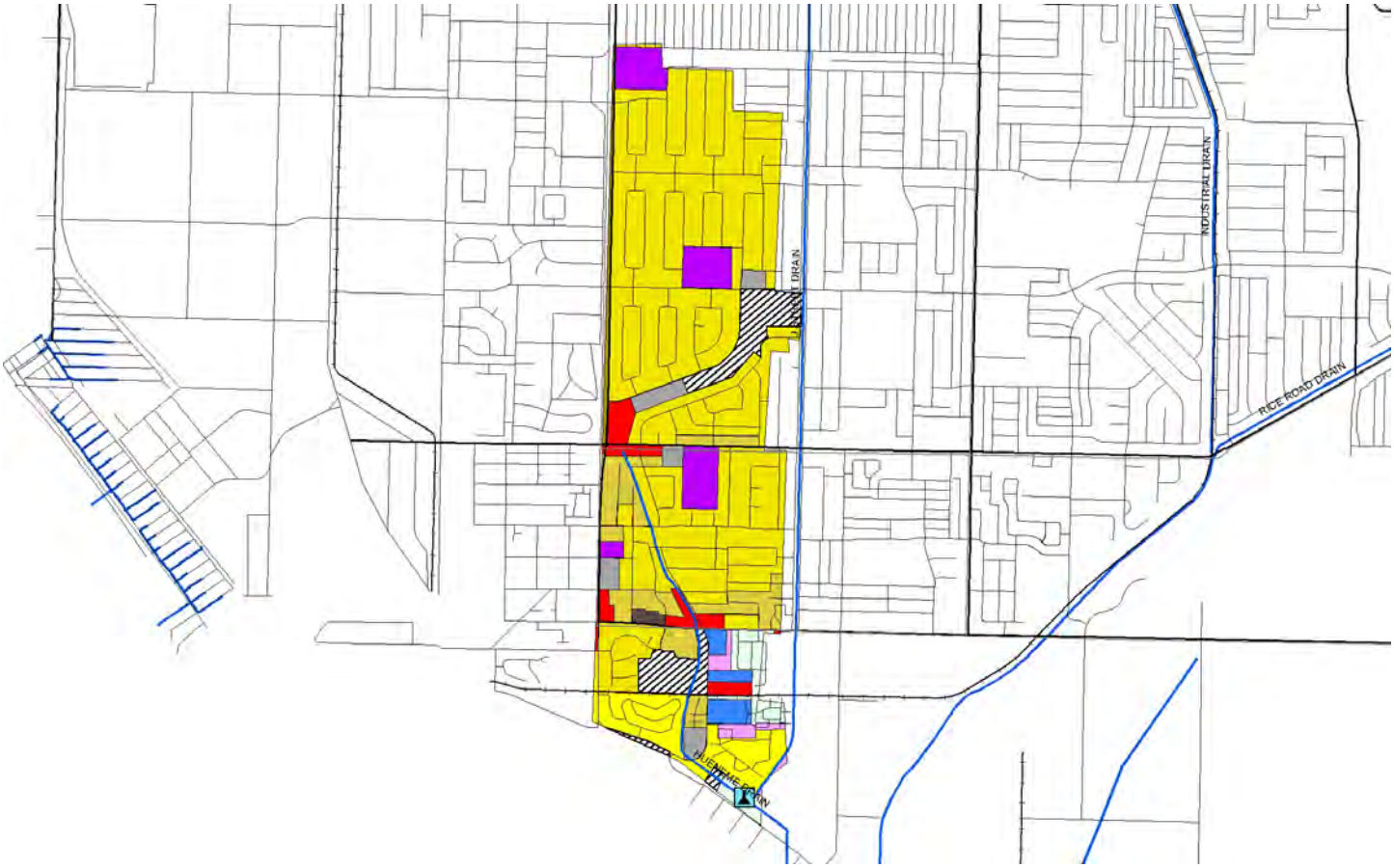
Land Use	Acres	% of Total Watershed
Agriculture	969.4	5.6%
Cemeteries	22.4	0.1%
Com_Indus. Mix	165.1	0.9%
Commercial	1385.9	8.0%
Extraction	227.3	1.3%
Facility	244.8	1.4%
Industrial_1	163.7	1.0%
Industrial_3	1104.0	6.5%
Industrial_4	62.3	0.4%
Military_1	1.7	0.0%
Military_2	4.0	0.0%
No Info Given	371.6	2.2%
Recreation	679.4	3.9%
Res.1	369.1	2.2%
Res.2	1149.3	6.7%
Res.3	5892.4	34.3%
Res.4	163.0	1.0%
Schools	703.5	4.1%
Transportation	560.5	3.3%
Under Construction	802.6	4.7%
Utilities	298.0	1.8%
Vacant Undifferentiated	1740.2	10.1%
Water	82.0	0.5%
Totals	**17162.2**	**100.0%**

Selected Subwatershed

Land Use	Acres	% of Total Watershed
Agriculture	19.0	1.5%
Cemeteries	9.7	0.7%
Commercial	253.5	19.5%
Facility	22.1	1.7%
Industrial_1	0.7	0.1%
Industrial_3	40.4	3.1%
No Info Given	14.0	1.1%
Res.1	243.3	18.7%
Res.2	69.8	5.4%
Res.3	500.1	38.5%
Schools	42.9	3.3%
Transportation	55.3	4.3%
Under Construction	12.4	1.0%
Utilities	3.5	0.3%
Vacant Undifferentiated	11.7	0.9%
Totals	**1298.2**	**100.0%**

Port Hueneme

Waterbody: Hueneme Drain (tributary to Pacific Ocean)
Location: Pump Station 300 yds. downstream Surfside Dr. (34°8'26.91"N, 119°11'17.58"W)
Pros: Grass-covered sides fairly stable
Cons: Lots of activity nearby, high potential for vandalism, stagnant water
Outstanding Site Selection Tasks: Verify positive flow
Other Potential Sites: At Surfside Rd. at lower end of Bubbling Springs Park
Dry Season Flow Potential: Likely year-round flow due to urban runoff and groundwater contribution



Entire City

Land Use	Acres	% of Total Watershed
Commercial	105.4	3.7%
Facility	20.4	0.7%
Industrial_1	32.5	1.1%
Industrial_3	34.9	1.2%
Military_2	1558.4	54.0%
No Info Given	53.7	1.9%
Recreation	38.5	1.3%
Res.2	308.3	10.7%
Res.3	432.9	15.0%
Res.4	104.3	3.6%
Schools	41.6	1.4%
Transportation	29.7	1.0%
Under Construction	2.1	0.1%
Utilities	6.0	0.2%
Vacant Undifferentiated	35.4	1.2%
Water	83.6	2.9%
Totals	**2887.9**	**100.0%**

Selected Subwatershed

Land Use	Acres	% of Total Watershed
Commercial	19.2	3.3%
Facility	15.1	2.6%
Industrial_3	10.0	1.7%
Military_2	5.7	1.0%
No Info Given	35.8	6.1%
Res.2	45.5	7.7%
Res.3	359.1	60.9%
Res.4	40.9	6.9%
Schools	32.6	5.5%
Under Construction	2.1	0.4%
Utilities	6.5	1.1%
Vacant Undifferentiated	16.8	2.9%
Totals	589.4	100.0%

Santa Paula

Waterbody: 11th Street Drain (tributary to Santa Clara River)
Location: Upstream Santa Paula Airport (34°20'54.99"N, 119° 3'19.82"W)
Pros: Excellent flat pad on top of outfall for sampling equipment
Cons: High potential for vandalism
Outstanding Site Selection Tasks: None
Other Potential Sites: None
Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff. No flow at time of initial observation

Entire City

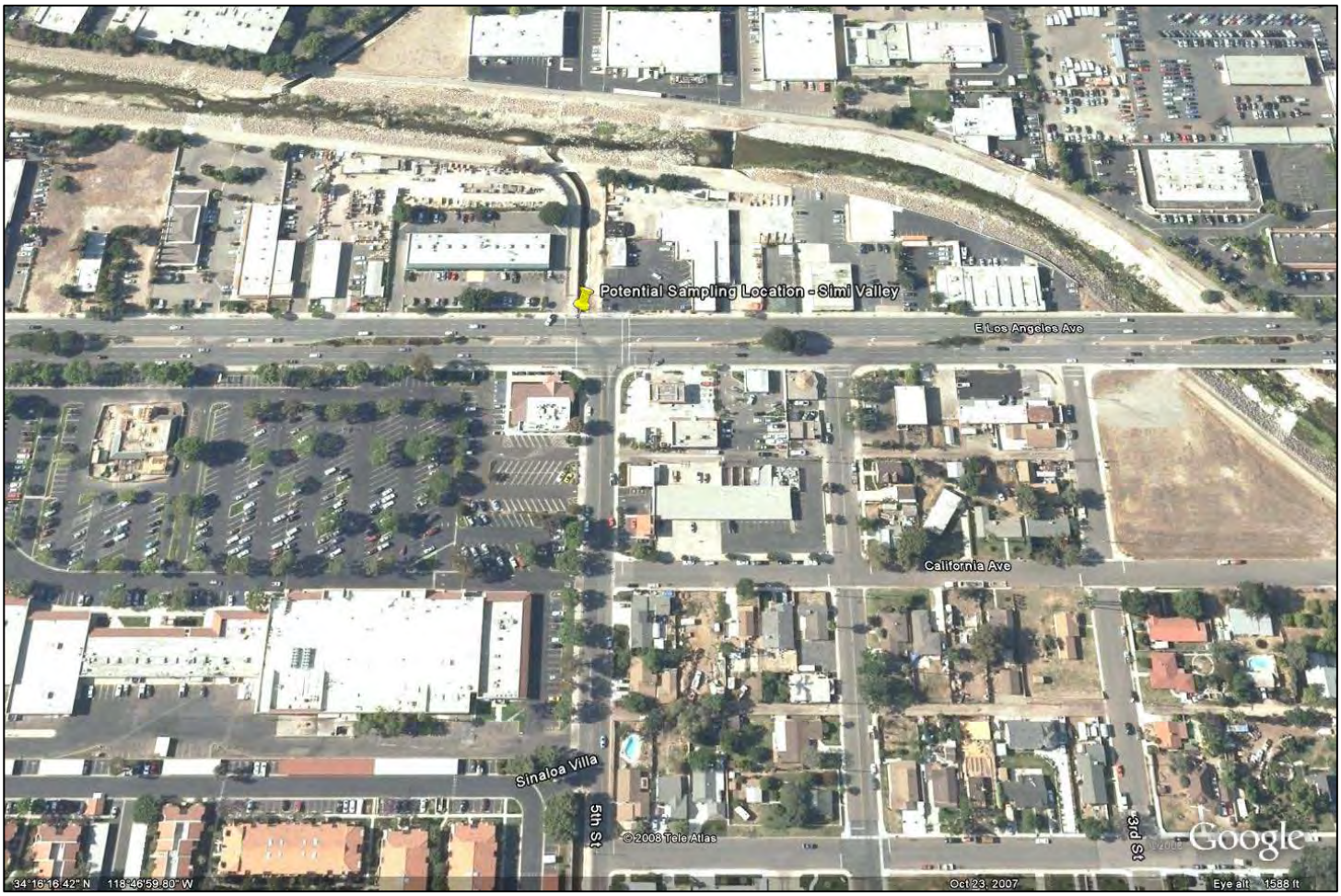
Land Use	Acres	% of Total Watershed
Agriculture	210.3	7.0%
Cemeteries	19.4	0.7%
Com_Indus. Mix	4.6	0.2%
Commercial	235.4	7.8%
Extraction	30.5	1.0%
Facility	42.4	1.4%
Industrial_1	73.7	2.4%
Industrial_3	133.0	4.5%
No Info Given	33.5	1.1%
Recreation	4.7	0.2%
Res.1	266.9	8.9%
Res.2	86.8	2.9%
Res.3	1065.9	35.5%
Res.4	46.8	1.6%
Schools	91.7	3.1%
Transportation	166.4	5.5%
Under Construction	8.7	0.3%
Utilities	41.1	1.4%
Vacant Undifferentiated	440.6	14.7%
Totals	**3002.4**	**100.0%**

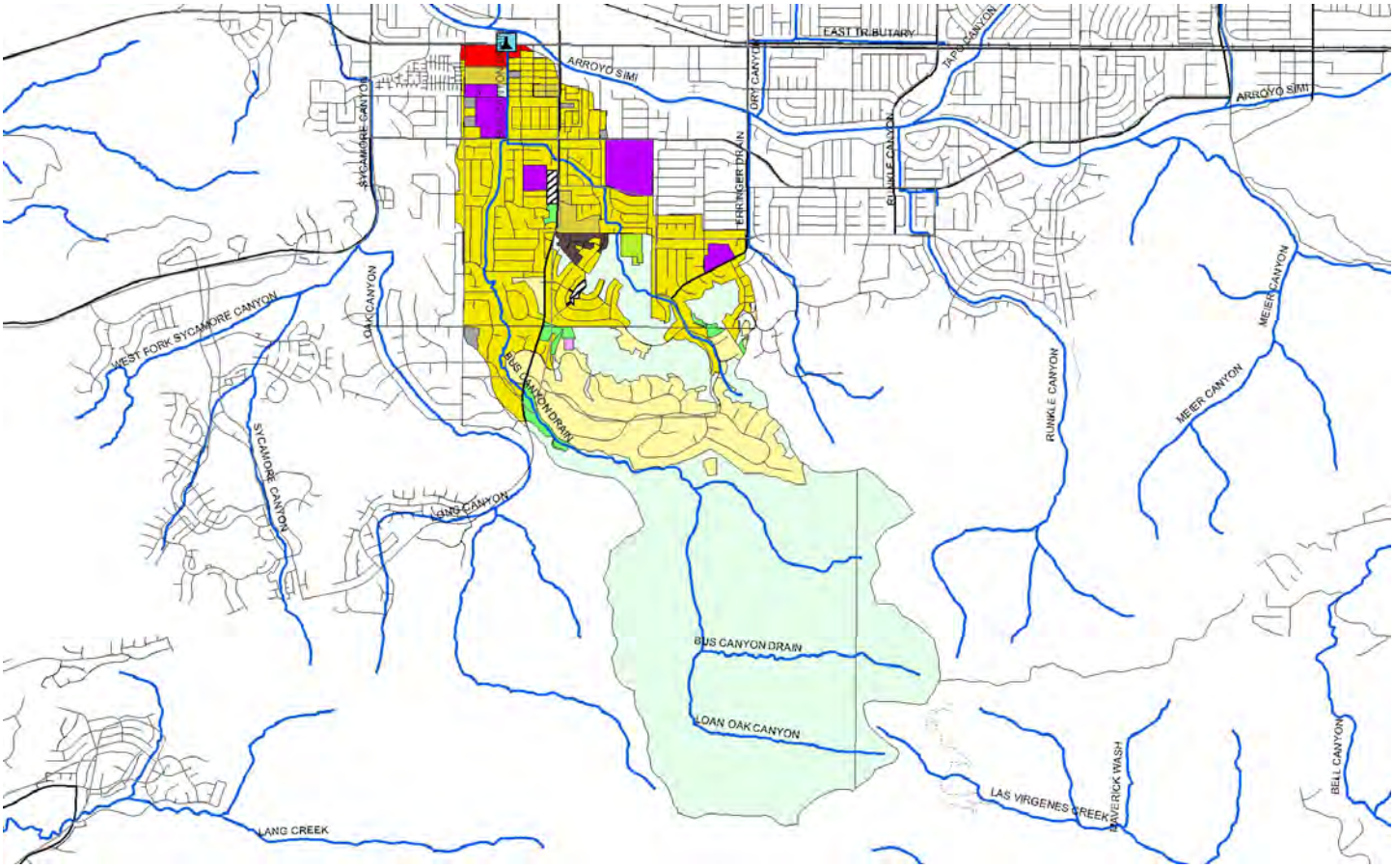
Selected Subwatershed

Land Use	Acres	% of Total Watershed
Commercial	9.4	14.7%
Industrial_1	2.5	4.0%
Res.2	2.8	4.3%
Res.3	30.5	47.7%
Schools	6.4	10.0%
Transportation	6.8	10.6%
Utilities	4.9	7.6%
Vacant Undifferentiated	0.8	1.2%
Totals	**64.0**	**100.0%**

Simi Valley

Waterbody: Bus Canyon Drain (tributary to Arroyo Simi)
Location: North of intersection at 5th St. and Los Angeles Ave. (34°16'18.59"N, 118°47'1.51"W)
Pros: Likely well-defined rating table, located behind VCWPD gate
Cons: Pedestrian traffic on levee nearby
Outstanding Site Selection Tasks: Assess impacts of large groundwater discharge upstream, move sampling location shown on watershed map
Other Potential Sites: Upstream at 5th and Ventura Ave.
Dry Season Flow Potential: Likely year round flow due to urban runoff and groundwater discharge upstream





Entire City

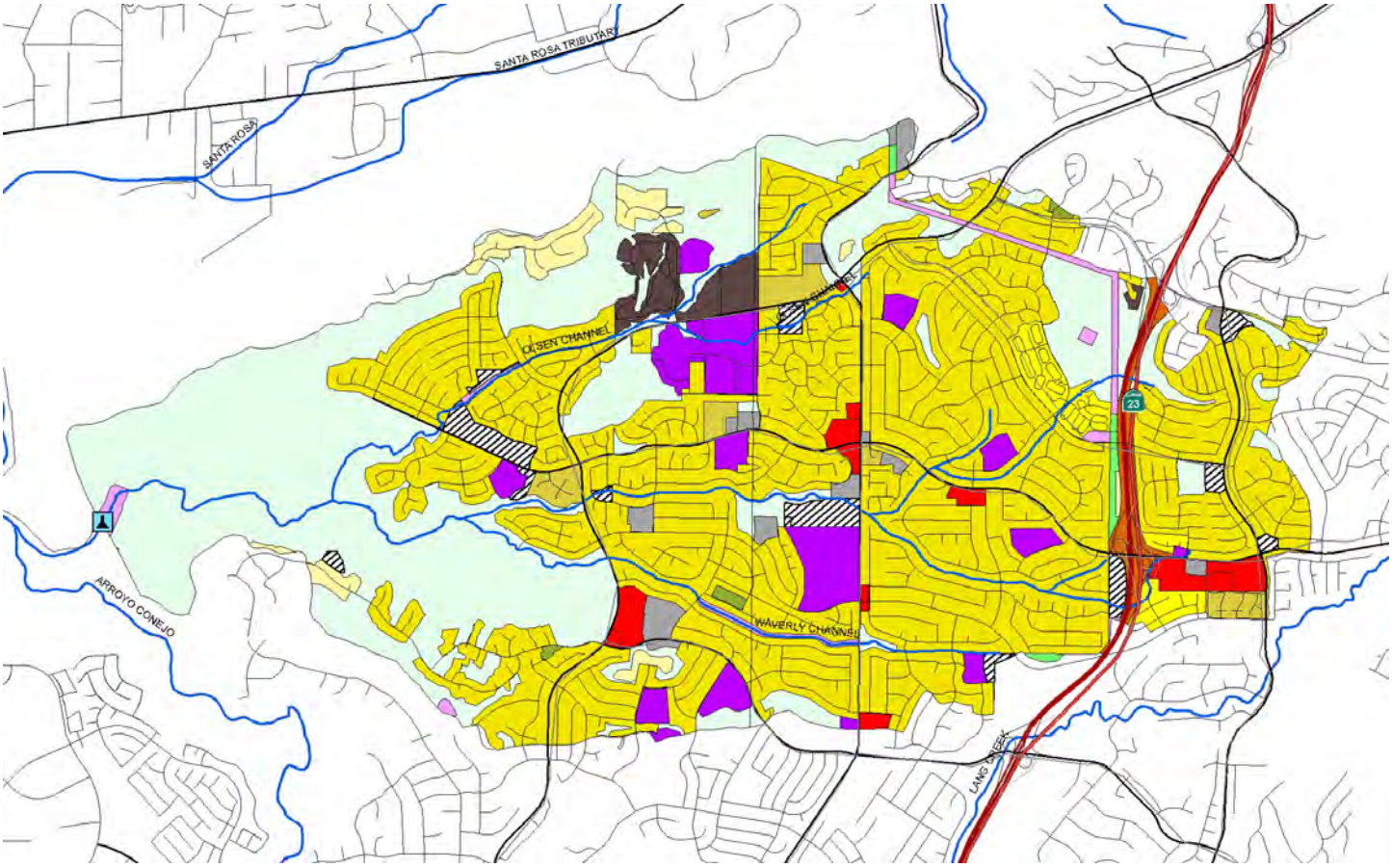
Land Use	Acres	% of Total Watershed
Agriculture	435.5	1.6%
Cemeteries	34.3	0.1%
Com_Indus. Mix	24.4	0.1%
Commercial	1051.4	3.9%
Extraction	111.8	0.4%
Facility	217.1	0.8%
Industrial_1	50.3	0.2%
Industrial_3	353.3	1.3%
Industrial_4	5.9	0.0%
No Info Given	382.0	1.5%
Recreation	560.9	2.0%
Res.1	1025.0	3.7%
Res.2	586.0	2.2%
Res.3	7947.7	29.5%
Res.4	110.7	0.4%
Schools	517.5	1.9%
Transportation	546.9	2.0%
Under Construction	385.6	1.4%
Utilities	261.0	1.0%
Vacant Undifferentiated	12291.5	45.6%
Totals	**26898.6**	**100.0%**

Selected Subwatershed

Land Use	Acres	% of Total Watershed
Agriculture	33.0	1.0%
Cemeteries	10.1	0.3%
Commercial	22.6	0.7%
Facility	12.9	0.4%
No Info Given	9.4	0.3%
Res.1	395.5	11.9%
Res.2	40.3	1.2%
Res.3	782.9	23.6%
Schools	96.7	2.9%
Under Construction	15.5	0.5%
Utilities	1.8	0.1%
Vacant Undifferentiated	1900.0	57.2%
Totals	**3320.7**	**100.0%**

Thousand Oaks

Waterbody: North Fork Arroyo Conejo (tributary to Conejo Creek)
Location: Hill Canyon WWTP sampling location R-1(34°12'49.16"N, 118°55'16.24"W)
Pros: Very secure, helpful staff onsite, fairly well-defined channel, accessible via concrete stairs
Cons: Late-night access to WWTP could present problem
Outstanding Site Selection Tasks: None
Other Potential Sites: None
Dry Season Flow Potential: Likely year-round flow due to urban runoff



Entire City

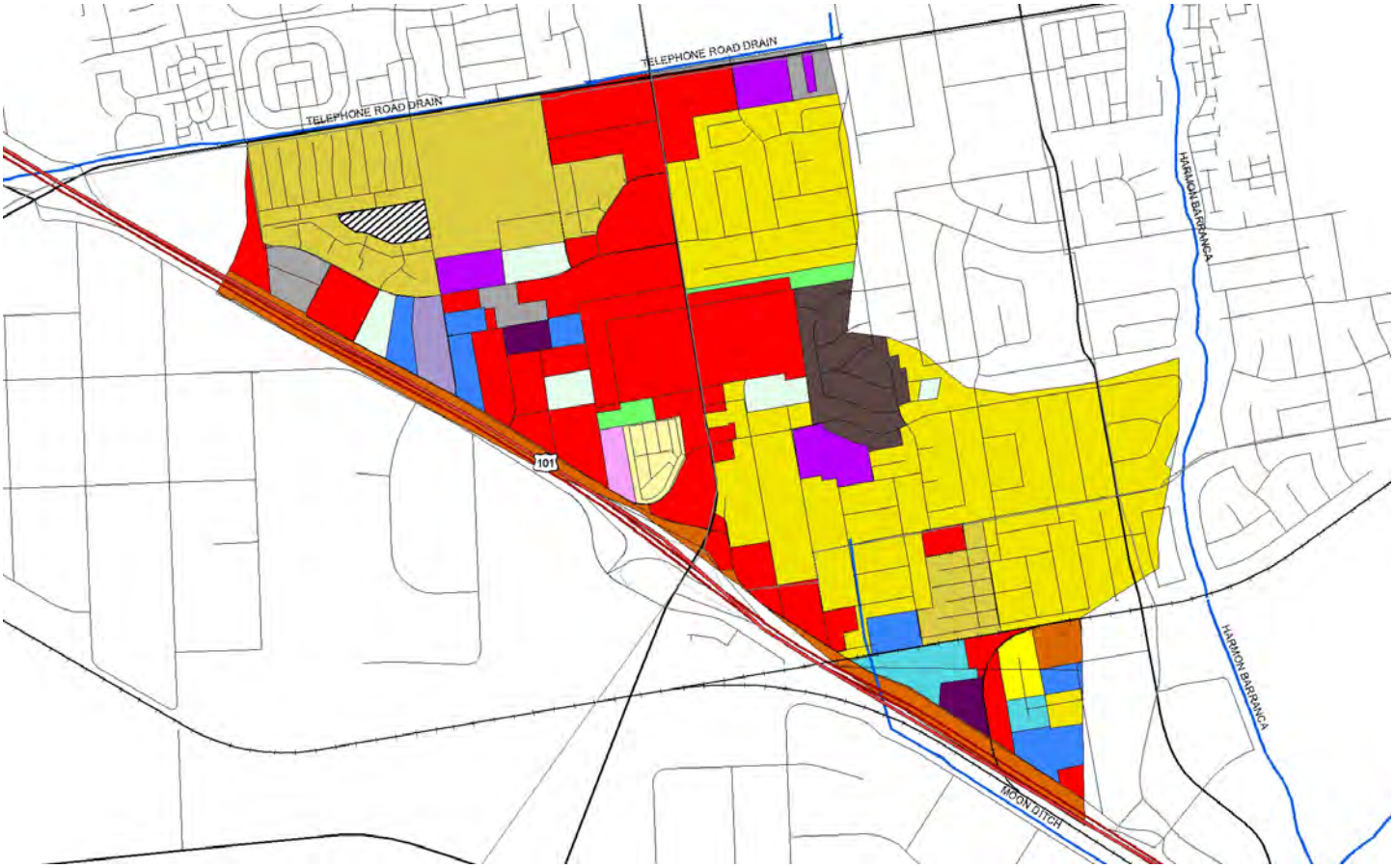
Land Use	Acres	% of Total Watershed
Agriculture	207.0	0.6%
Com_Indus. Mix	23.2	0.1%
Commercial	1499.7	4.2%
Extraction	9.0	0.0%
Facility	291.6	0.8%
Industrial_1	94.3	0.3%
Industrial_3	457.7	1.3%
No Info Given	459.2	1.3%
Recreation	574.2	1.7%
Res.1	1683.9	4.7%
Res.2	1000.3	2.8%
Res.3	9323.6	26.4%
Res.4	288.1	0.8%
Schools	587.6	1.7%
Transportation	605.4	1.7%
Under Construction	281.6	0.8%
Utilities	260.6	0.7%
Vacant Undifferentiated	17465.1	49.7%
Totals	**35111.8**	**100.0%**

Selected Subwatershed

Land Use	Acres	% of Total Watershed
Agriculture	13.5	0.3%
Commercial	83.5	1.6%
Facility	67.3	1.3%
No Info Given	95.4	1.8%
Recreation	8.7	0.2%
Res.1	89.8	1.7%
Res.2	71.5	1.4%
Res.3	2643.8	51.0%
Res.4	84.0	1.6%
Schools	224.2	4.3%
Transportation	61.5	1.2%
Under Construction	79.4	1.5%
Utilities	53.3	1.0%
Vacant Undifferentiated	1603.6	31.0%
Totals	**5179.3**	**100.0%**

Ventura

Waterbody: Moon Ditch (tributary to Santa Clara River)
Location: Between Leland St. and US 101, north of Johnson Dr. (34°14'35.86"N, 119°11'40.86"W)
Pros: Likely well-defined rating table, fairly good protection (located behind VCWPD gate)
Cons: Wide concrete bottom will spread out low flows, placement of intake somewhat difficult
Outstanding Site Selection Tasks: None
Other Potential Sites: None
Dry Season Flow Potential: Likely intermittent year-round flow due to urban runoff



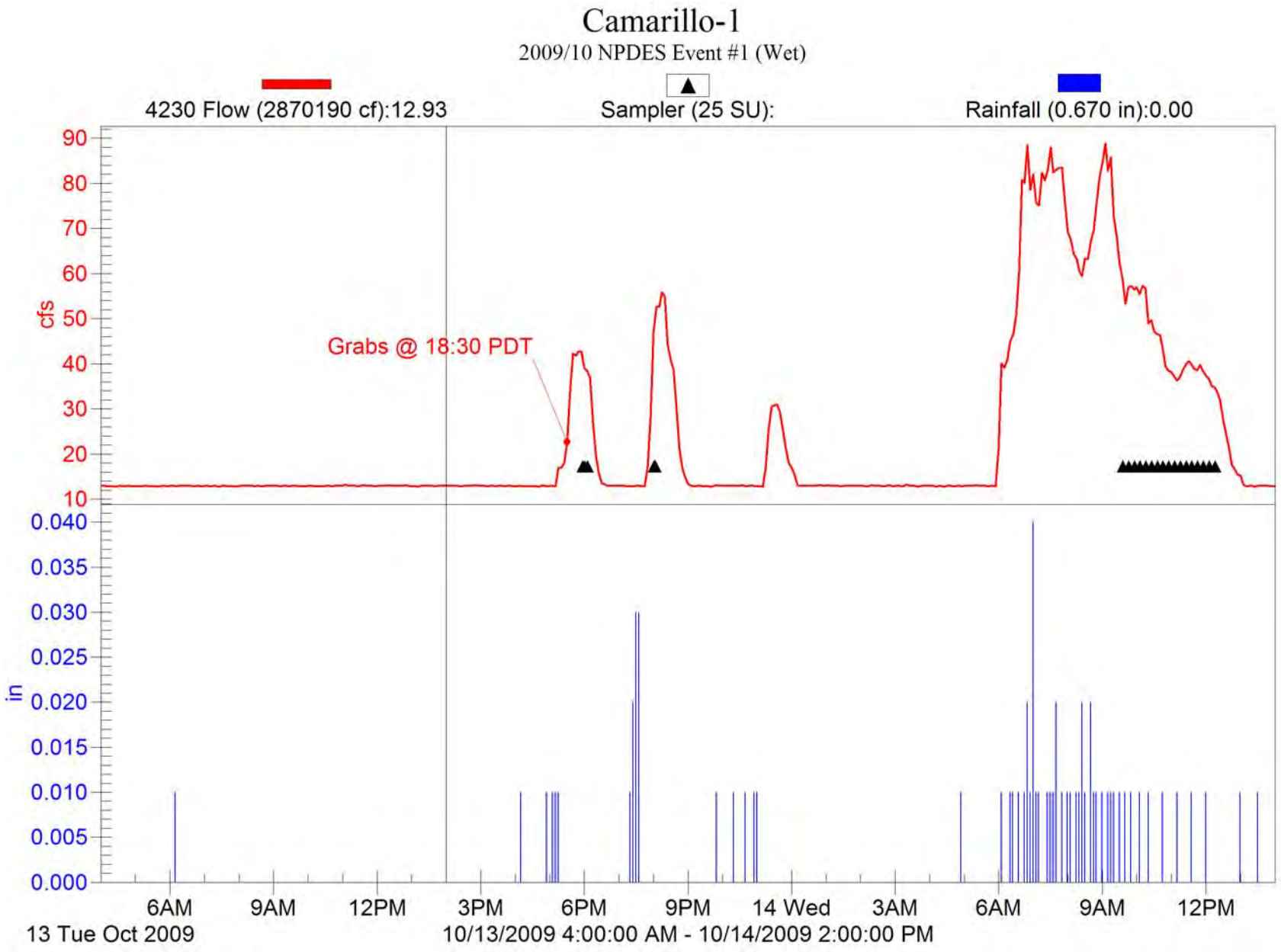
Entire City

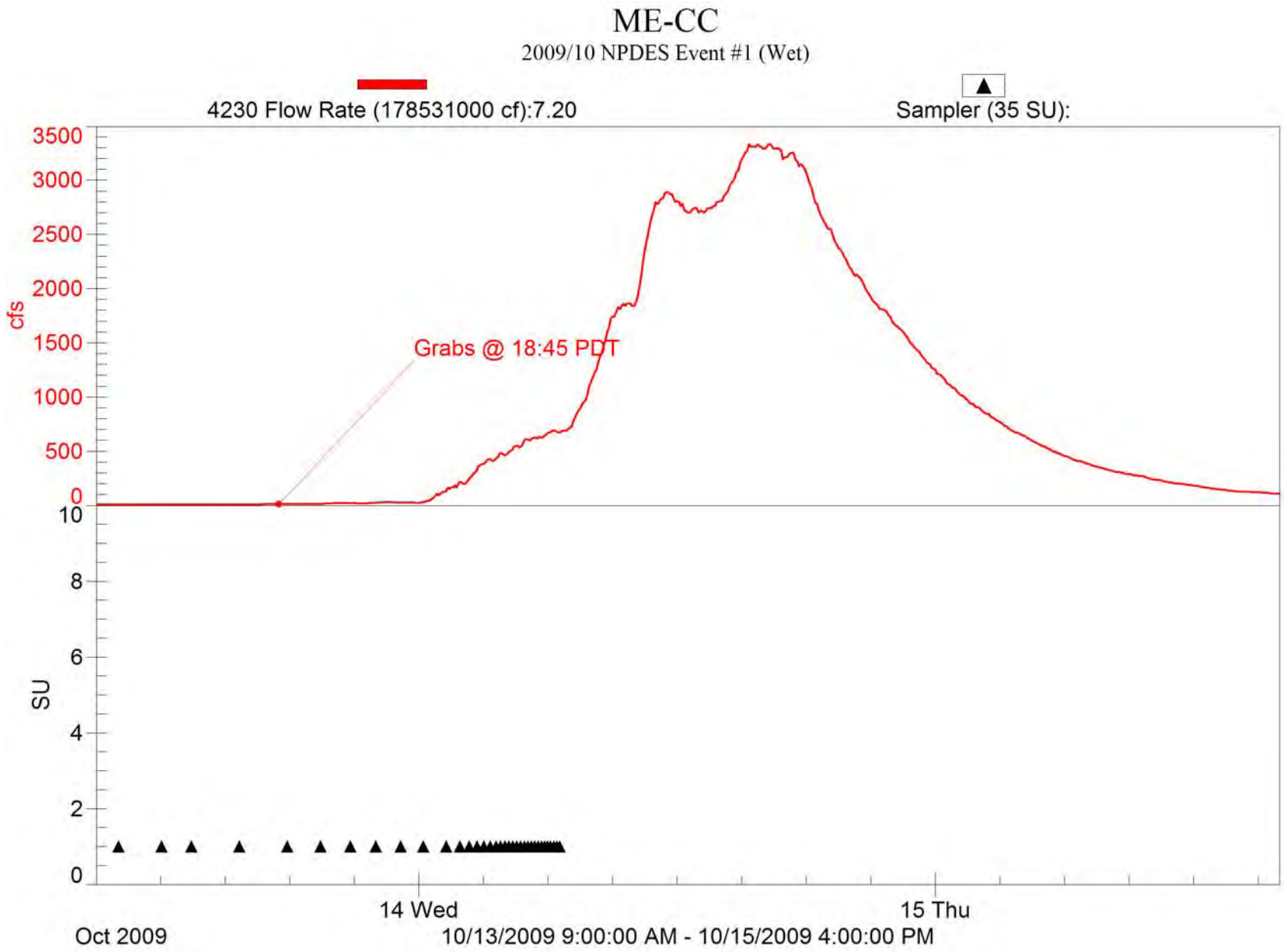
Land Use	Acres	% of Total Watershed
Agriculture	667.6	4.7%
Cemeteries	72.6	0.5%
Com_Indus. Mix	95.4	0.7%
Commercial	1402.9	10.0%
Extraction	39.2	0.3%
Facility	303.8	2.2%
Industrial_1	90.5	0.6%
Industrial_3	619.6	4.5%
Military_2	3.6	0.0%
No Info Given	285.7	2.1%
Recreation	516.3	3.7%
Res.1	361.1	2.6%
Res.2	924.0	6.6%
Res.3	5209.6	37.2%
Res.4	72.4	0.5%
Res.5	2.8	0.0%
Schools	495.8	3.6%
Transportation	570.0	4.1%
Under Construction	73.7	0.5%
Utilities	125.4	0.9%
Vacant Undifferentiated	2018.1	14.4%
Water	61.5	0.4%
Totals	**14011.6**	**100.0%**

Selected Subwatershed

Land Use	Acres	% of Total Watershed
Agriculture	5.8	0.8%
Com_Indus. Mix	6.5	0.9%
Commercial	171.7	24.3%
Extraction	6.3	0.9%
Facility	14.6	2.1%
Industrial_1	10.8	1.5%
Industrial_3	23.0	3.2%
No Info Given	5.4	0.8%
Res.1	8.7	1.2%
Res.2	109.1	15.4%
Res.3	234.8	33.2%
Res.4	4.8	0.7%
Schools	18.4	2.6%
Transportation	40.7	5.8%
Under Construction	26.6	3.8%
Utilities	3.5	0.5%
Vacant Undifferentiated	16.3	2.3%
Totals	**707.1**	**100.0%**

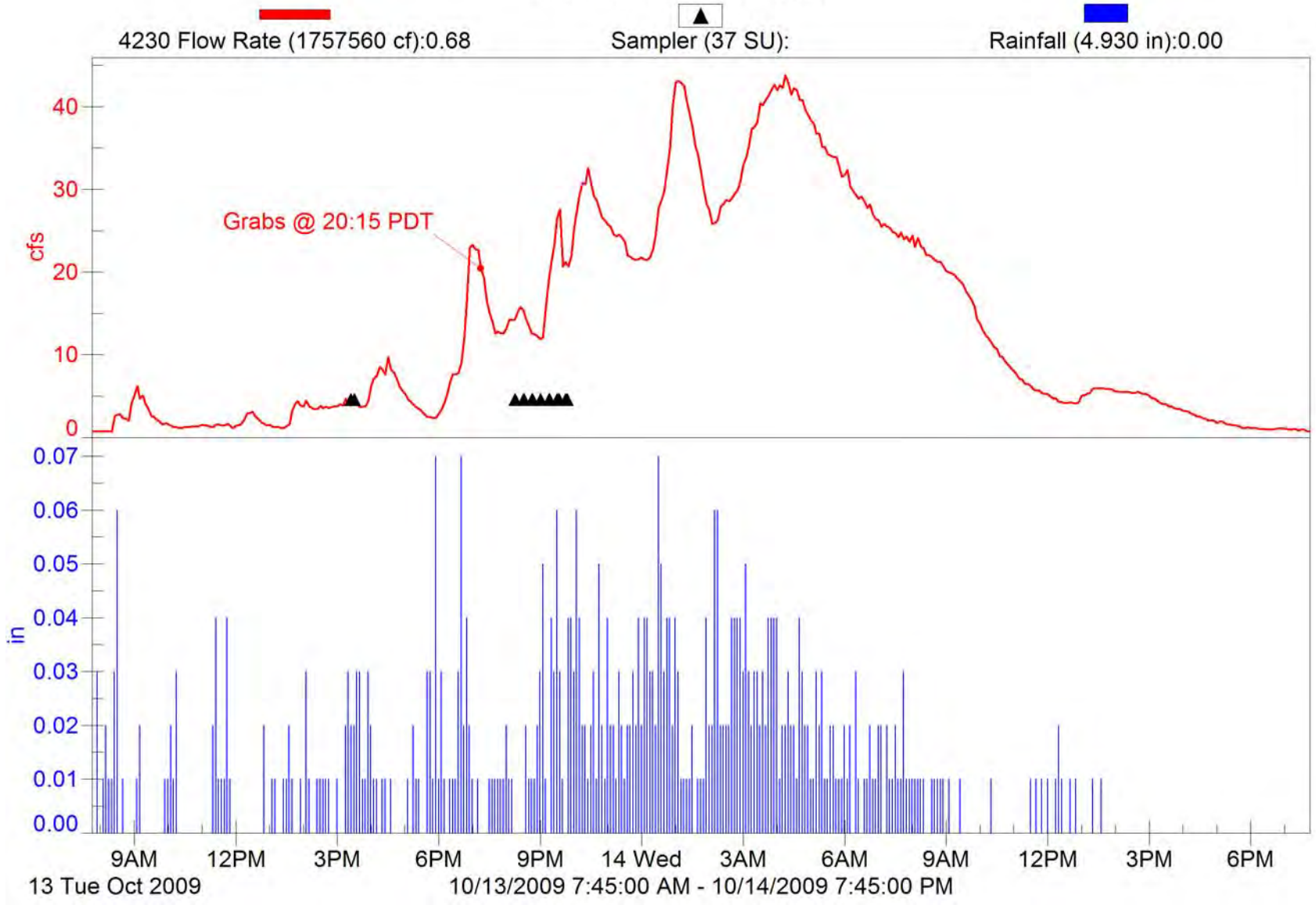
Appendix B. Event Hydrographs


Camarillo-1
2009/10 NPDES Event #1 (Wet)
4230 Flow (2870190 cf):12.93
Sampler (25 SU):
Rainfall (0.670 in):0.00
cfs
Grabs @ 18:30 PDT
in
6AM
9AM
12PM
3PM
6PM
9PM
14 Wed
3AM
6AM
9AM
12PM
13 Tue Oct 2009
10/13/2009 4:00:00 AM - 10/14/2009 2:00:00 PM


ME-CC
2009/10 NPDES Event #1 (Wet)
4230 Flow Rate (178531000 cf):7.20
Sampler (35 SU):
cfs
3500
3000
2500
2000
1500
1000
500
0
Grabs @ 18:45 PDT
SU
10
8
6
4
2
0
14 Wed
15 Thu
Oct 2009
10/13/2009 9:00:00 AM - 10/15/2009 4:00:00 PM

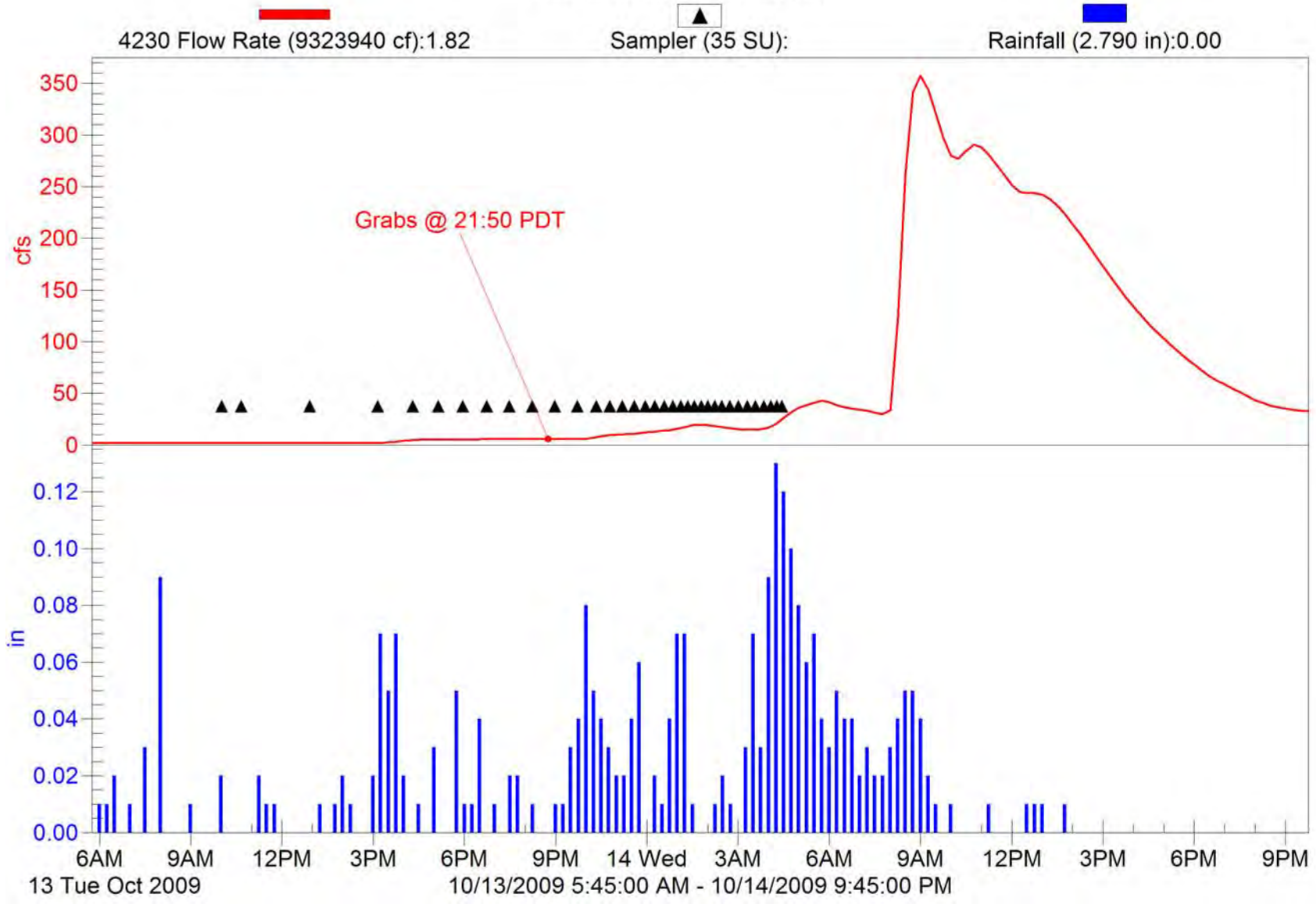
Meiners Oaks-1

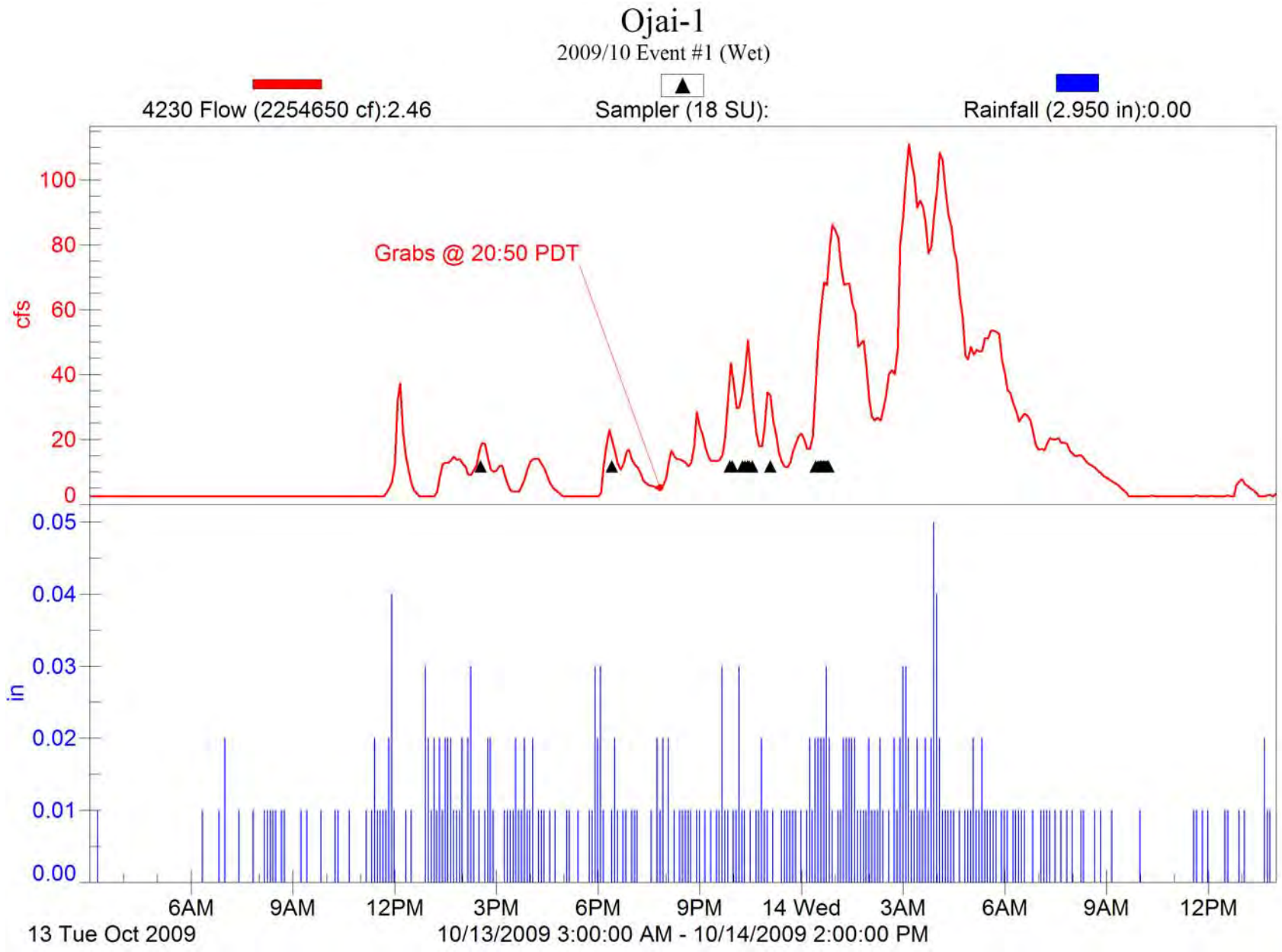
2009/10 NPDES Event #1 (Wet)

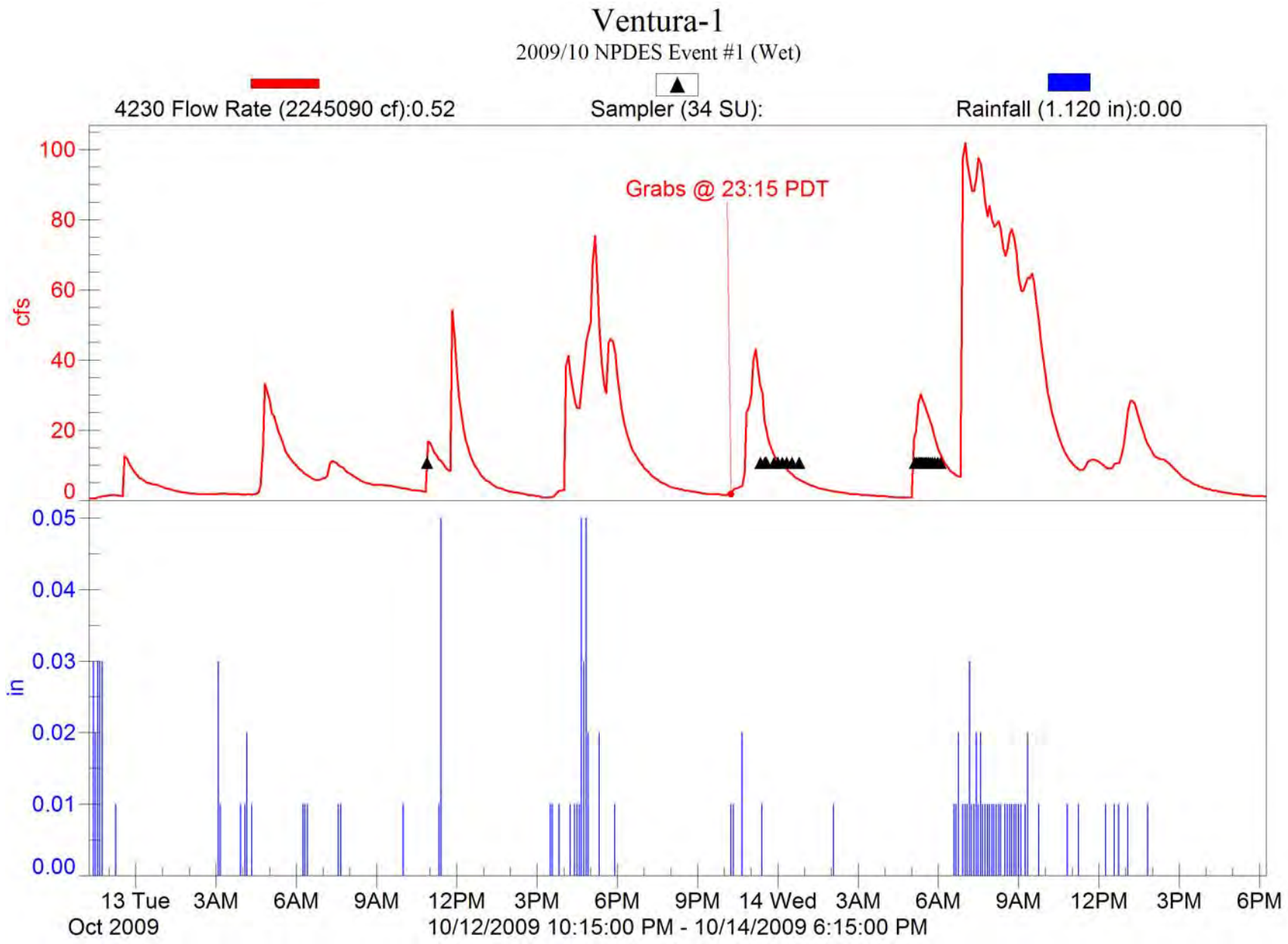


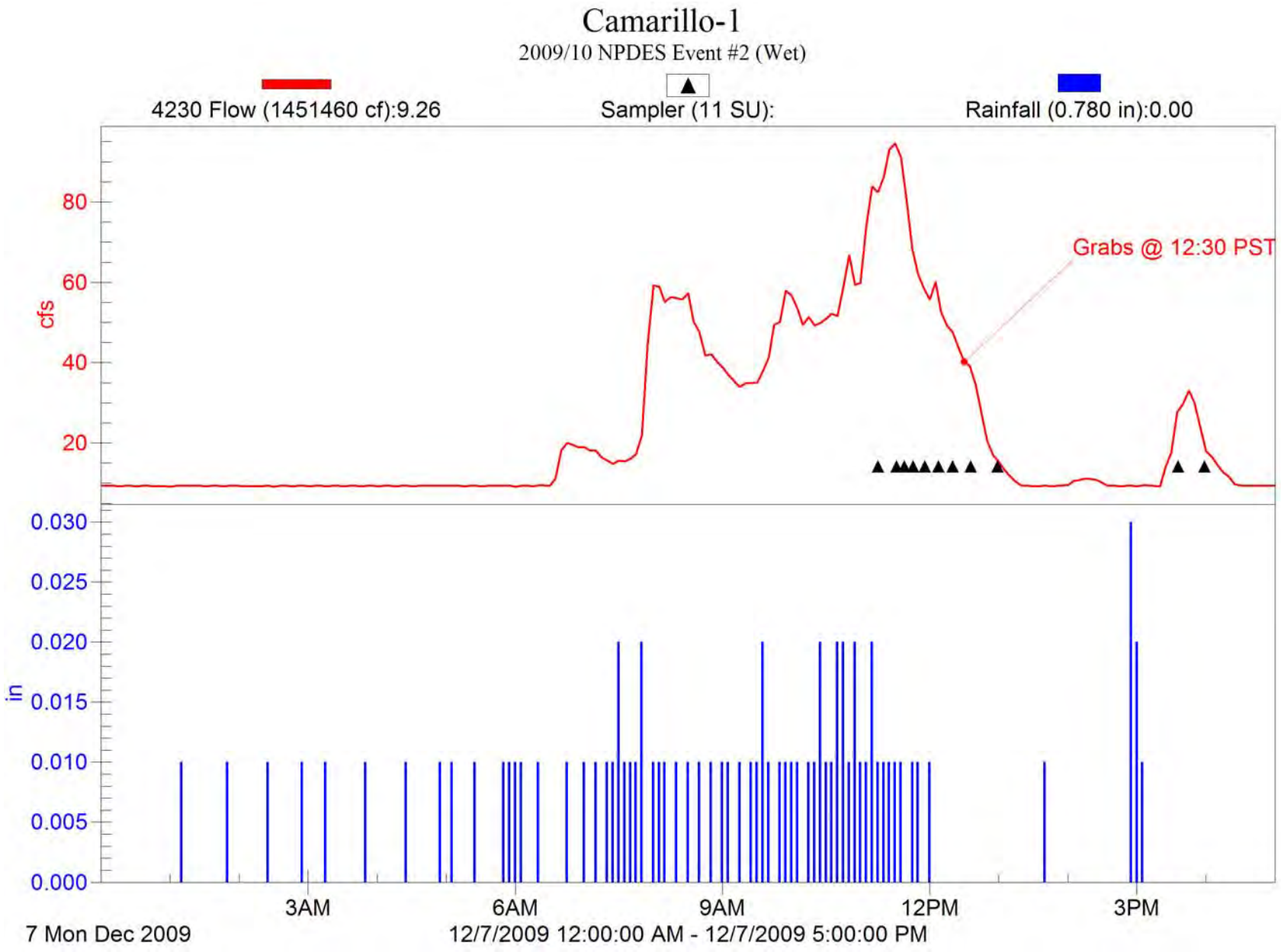
ME-VR2

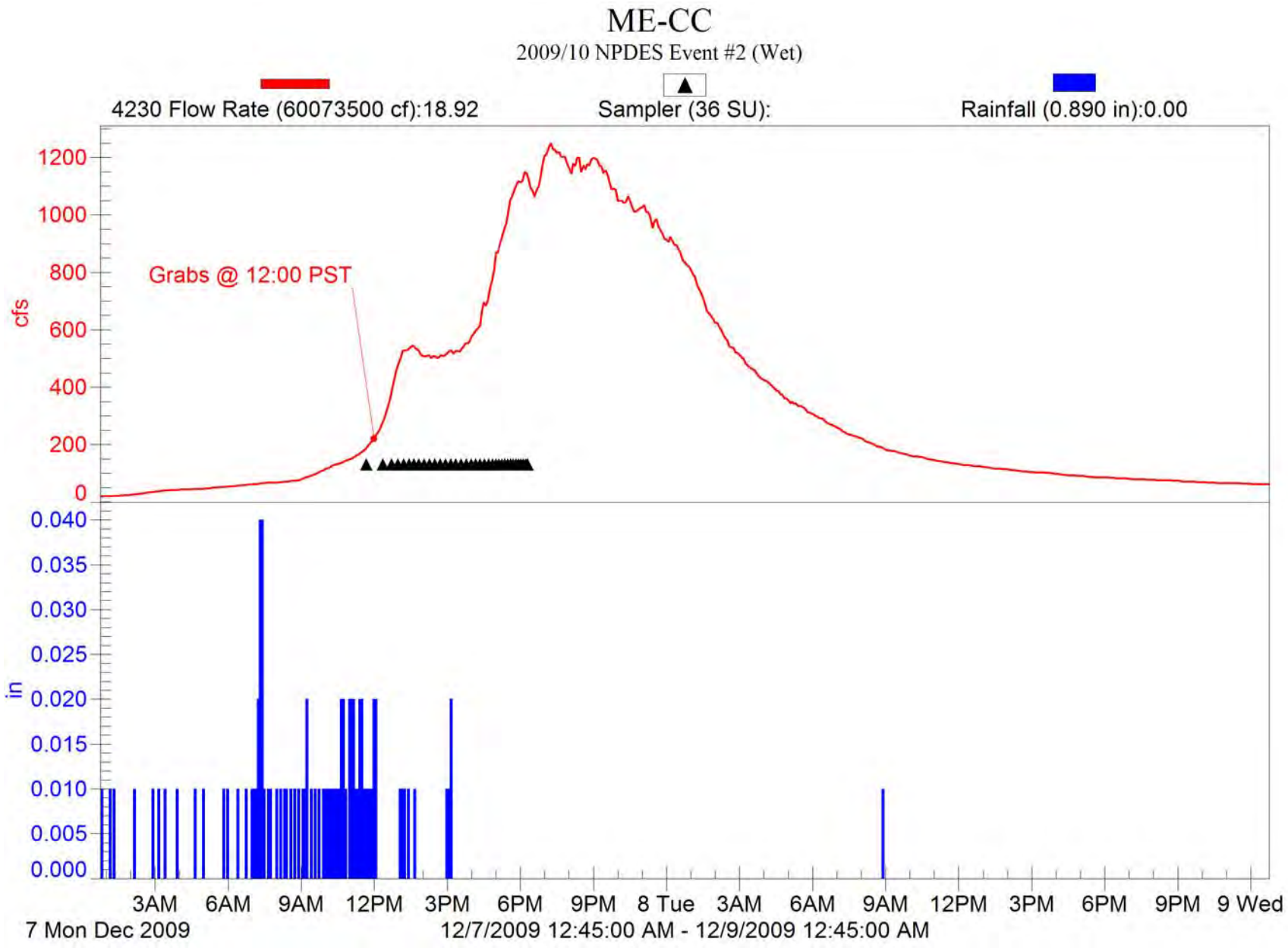
2009/10 NPDES Event #1 (Wet)

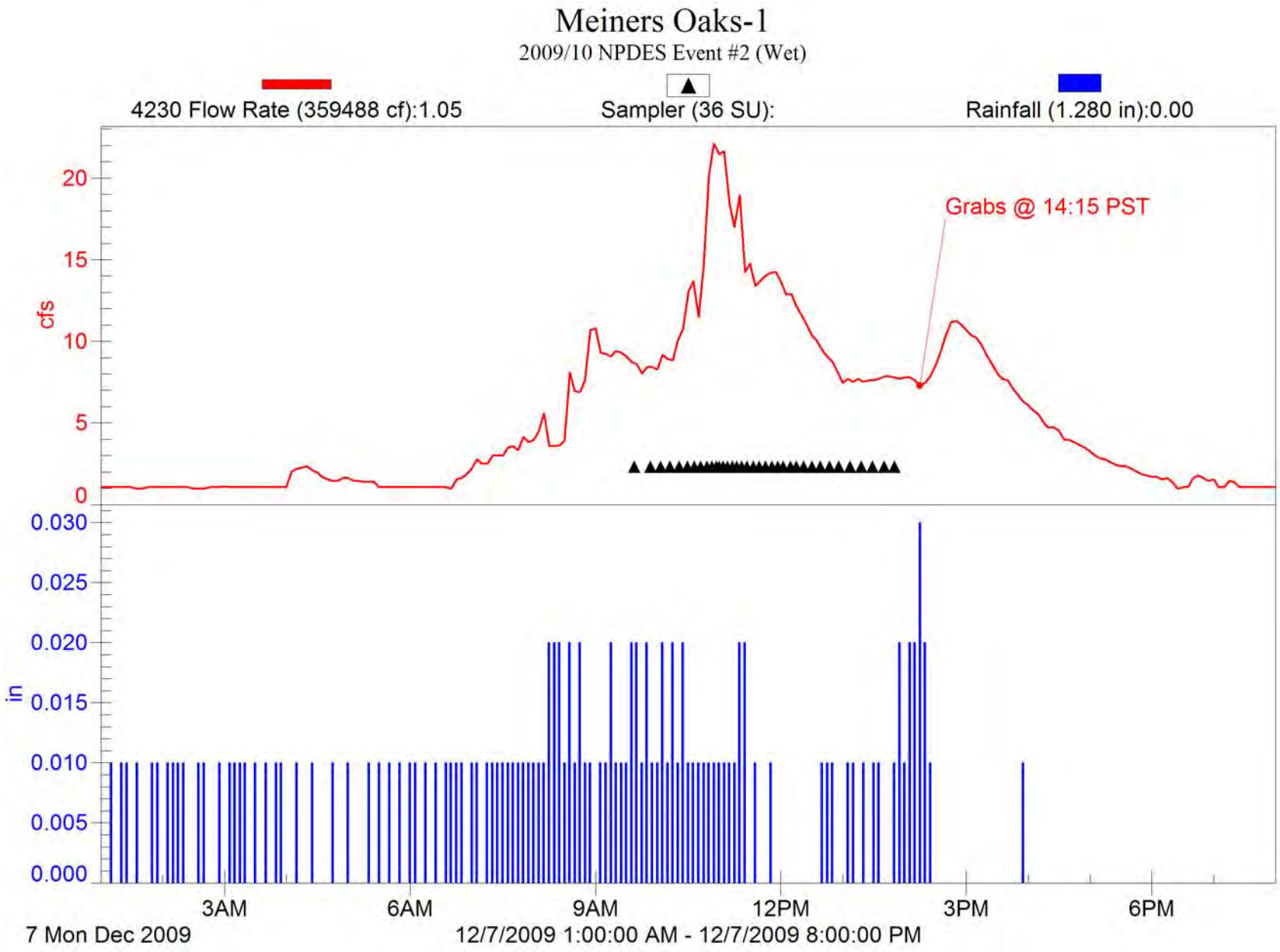



Ojai-1
2009/10 Event #1 (Wet)
4230 Flow (2254650 cf):2.46
Sampler (18 SU):
Rainfall (2.950 in):0.00
Grabs @ 20:50 PDT
cfs
100
80
60
40
20
0
in
0.05
0.04
0.03
0.02
0.01
0.00
6AM
9AM
12PM
3PM
6PM
9PM
14 Wed
3AM
6AM
9AM
12PM
13 Tue Oct 2009
10/13/2009 3:00:00 AM - 10/14/2009 2:00:00 PM


Ventura-1
2009/10 NPDES Event #1 (Wet)
4230 Flow Rate (2245090 cf):0.52
Sampler (34 SU):
Rainfall (1.120 in):0.00
Grabs @ 23:15 PDT
cfs
100
80
60
40
20
0
in
0.05
0.04
0.03
0.02
0.01
0.00
13 Tue
Oct 2009
3AM
6AM
9AM
12PM
3PM
6PM
9PM
14 Wed
3AM
6AM
9AM
12PM
3PM
6PM
10/12/2009 10:15:00 PM - 10/14/2009 6:15:00 PM

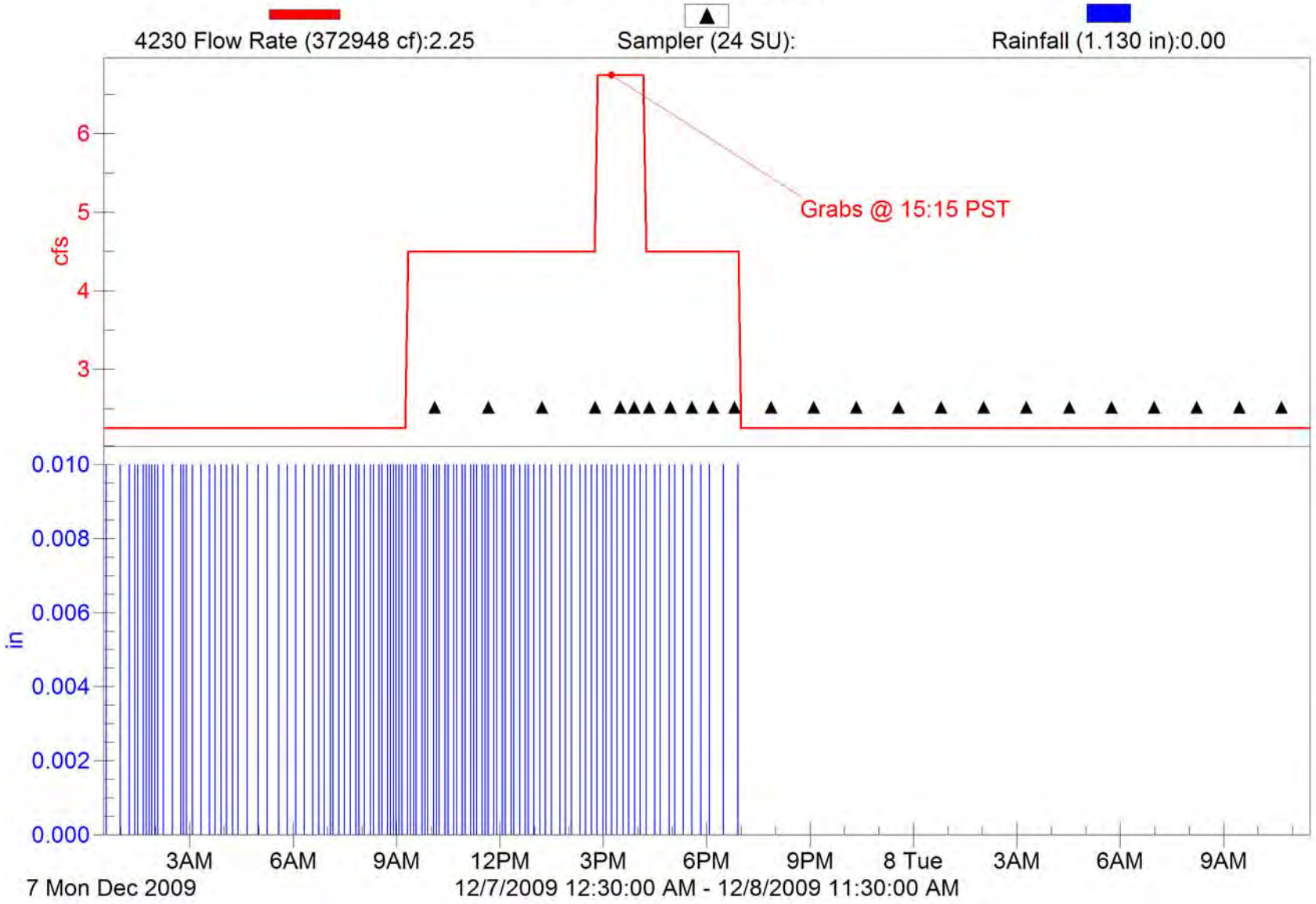

Camarillo-1
2009/10 NPDES Event #2 (Wet)
4230 Flow (1451460 cf):9.26
Sampler (11 SU):
Rainfall (0.780 in):0.00
Grabs @ 12:30 PST
cfs
80
60
40
20
in
0.030
0.025
0.020
0.015
0.010
0.005
0.000
3AM
6AM
9AM
12PM
3PM
7 Mon Dec 2009
12/7/2009 12:00:00 AM - 12/7/2009 5:00:00 PM

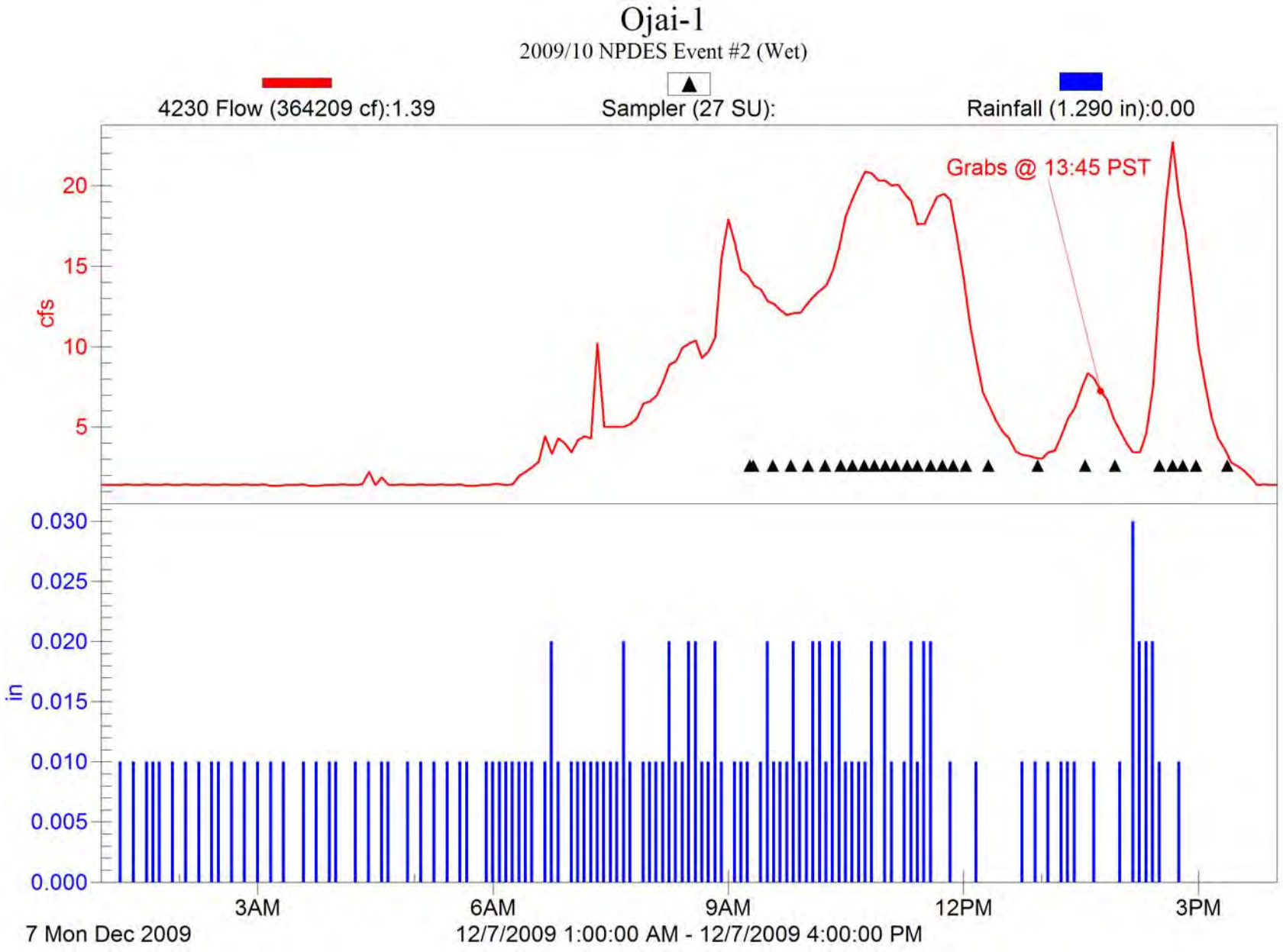

ME-CC
2009/10 NPDES Event #2 (Wet)
4230 Flow Rate (60073500 cf):18.92
Sampler (36 SU):
Rainfall (0.890 in):0.00
Grabs @ 12:00 PST
cfs
1200
1000
800
600
400
200
0
in
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
3AM
6AM
9AM
12PM
3PM
6PM
9PM
8 Tue
3AM
6AM
9AM
12PM
3PM
6PM
9PM
9 Wed
7 Mon Dec 2009
12/7/2009 12:45:00 AM - 12/9/2009 12:45:00 AM

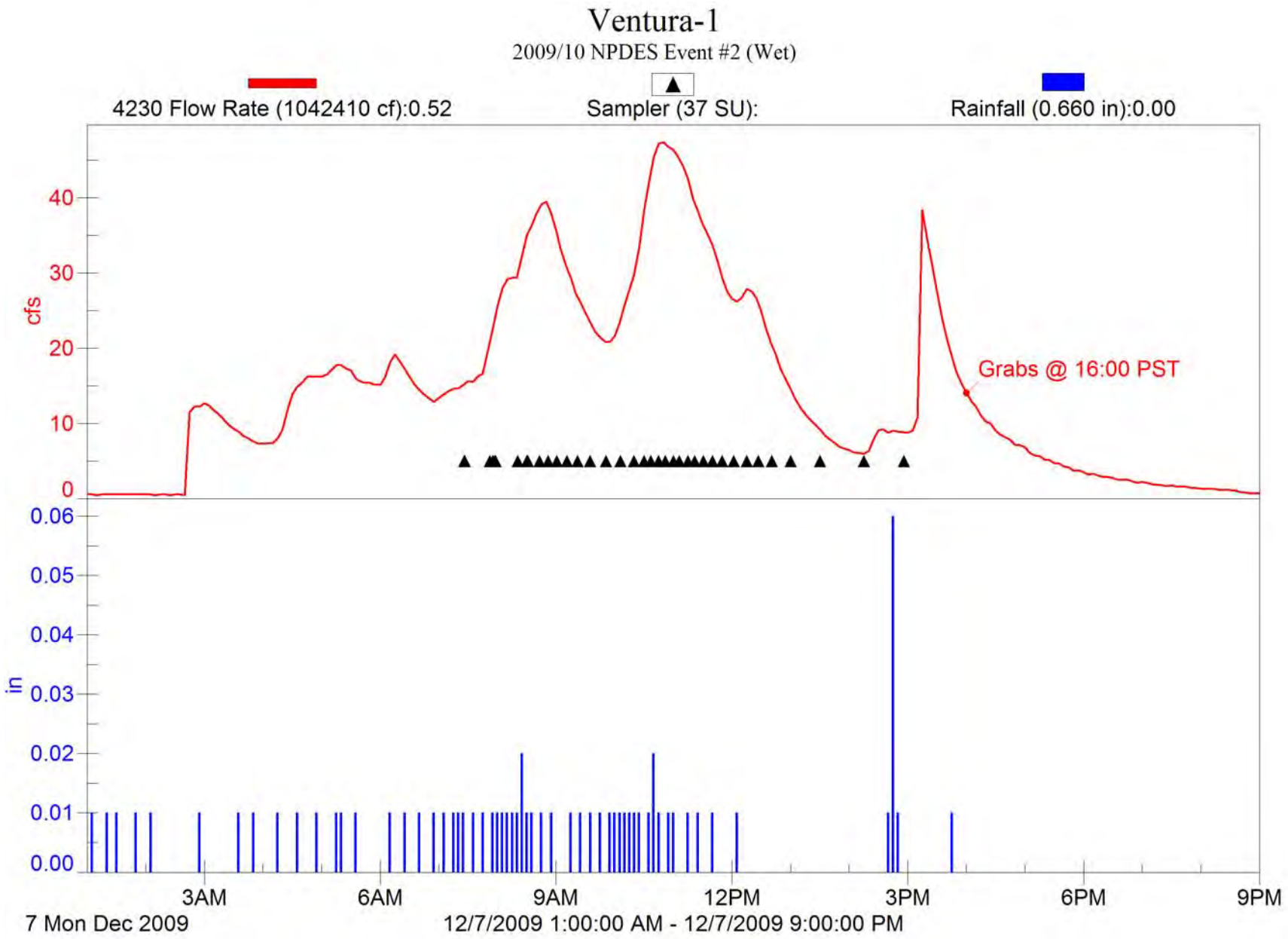

Meiners Oaks-1
2009/10 NPDES Event #2 (Wet)
4230 Flow Rate (359488 cf):1.05
Sampler (36 SU):
Rainfall (1.280 in):0.00
Grabs @ 14:15 PST
cfs
20
15
10
5
0
in
0.030
0.025
0.020
0.015
0.010
0.005
0.000
3AM
6AM
9AM
12PM
3PM
6PM
7 Mon Dec 2009
12/7/2009 1:00:00 AM - 12/7/2009 8:00:00 PM

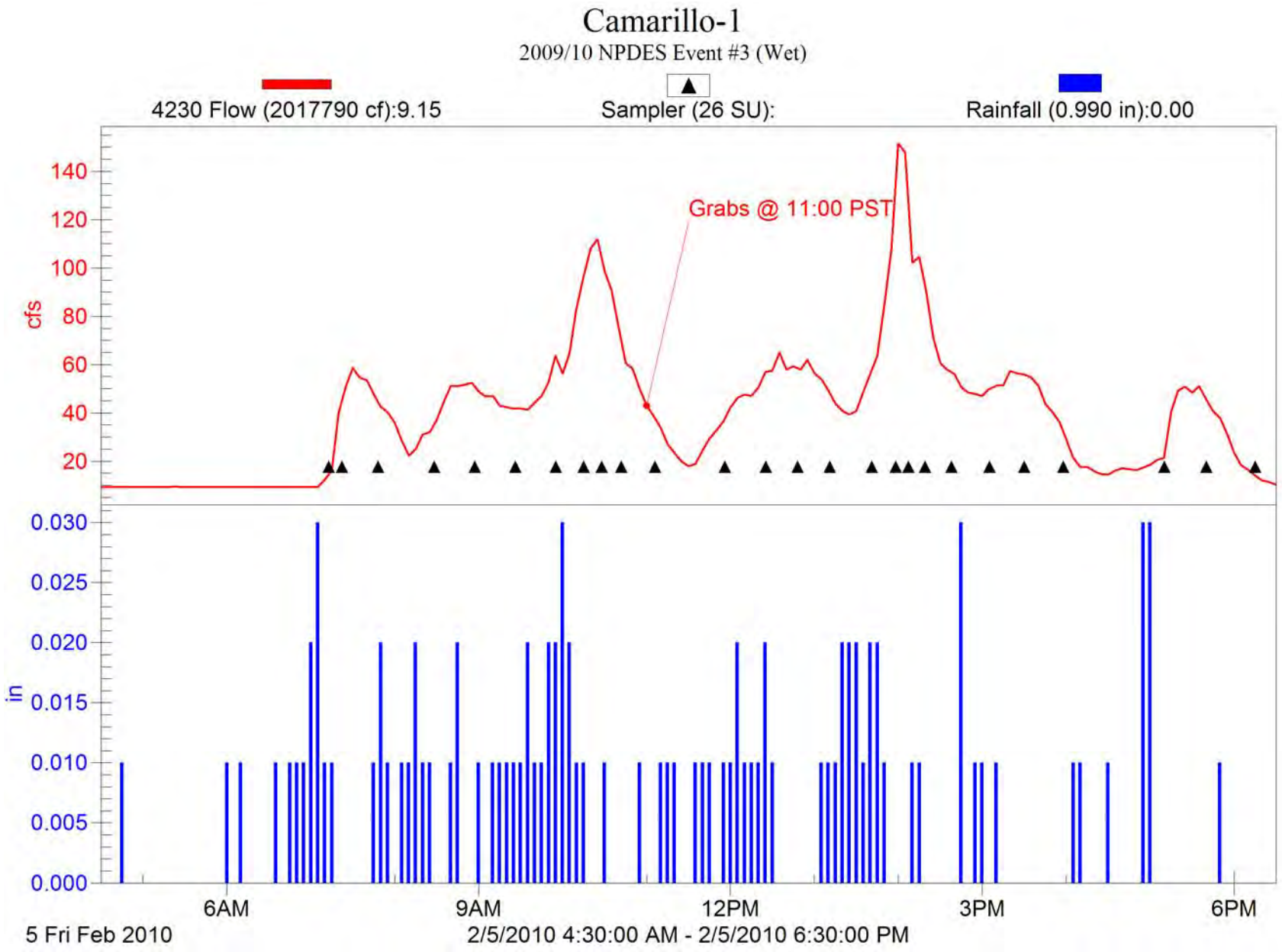
ME-VR2

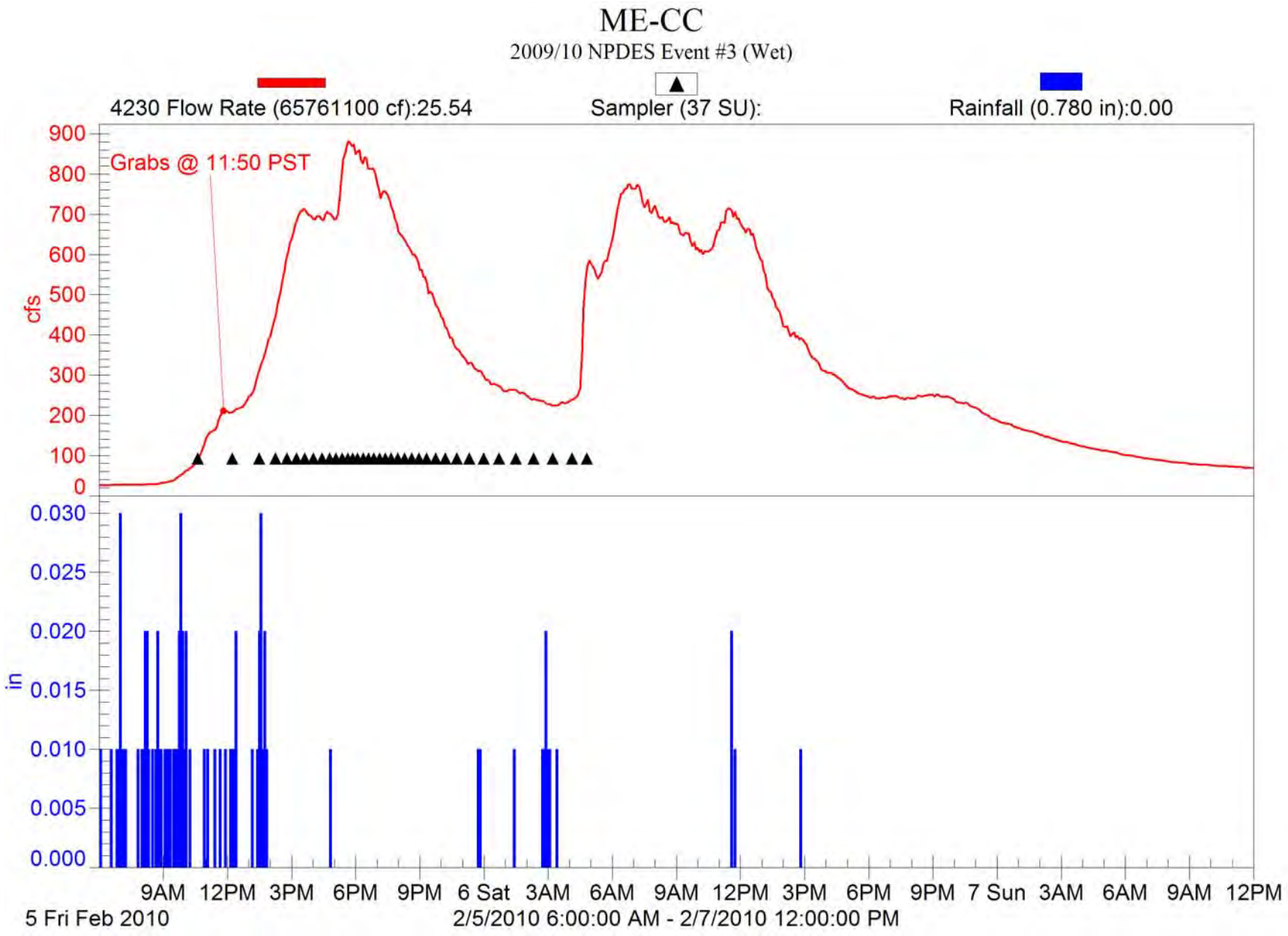
2009/10 NPDES Event #2 (Wet)

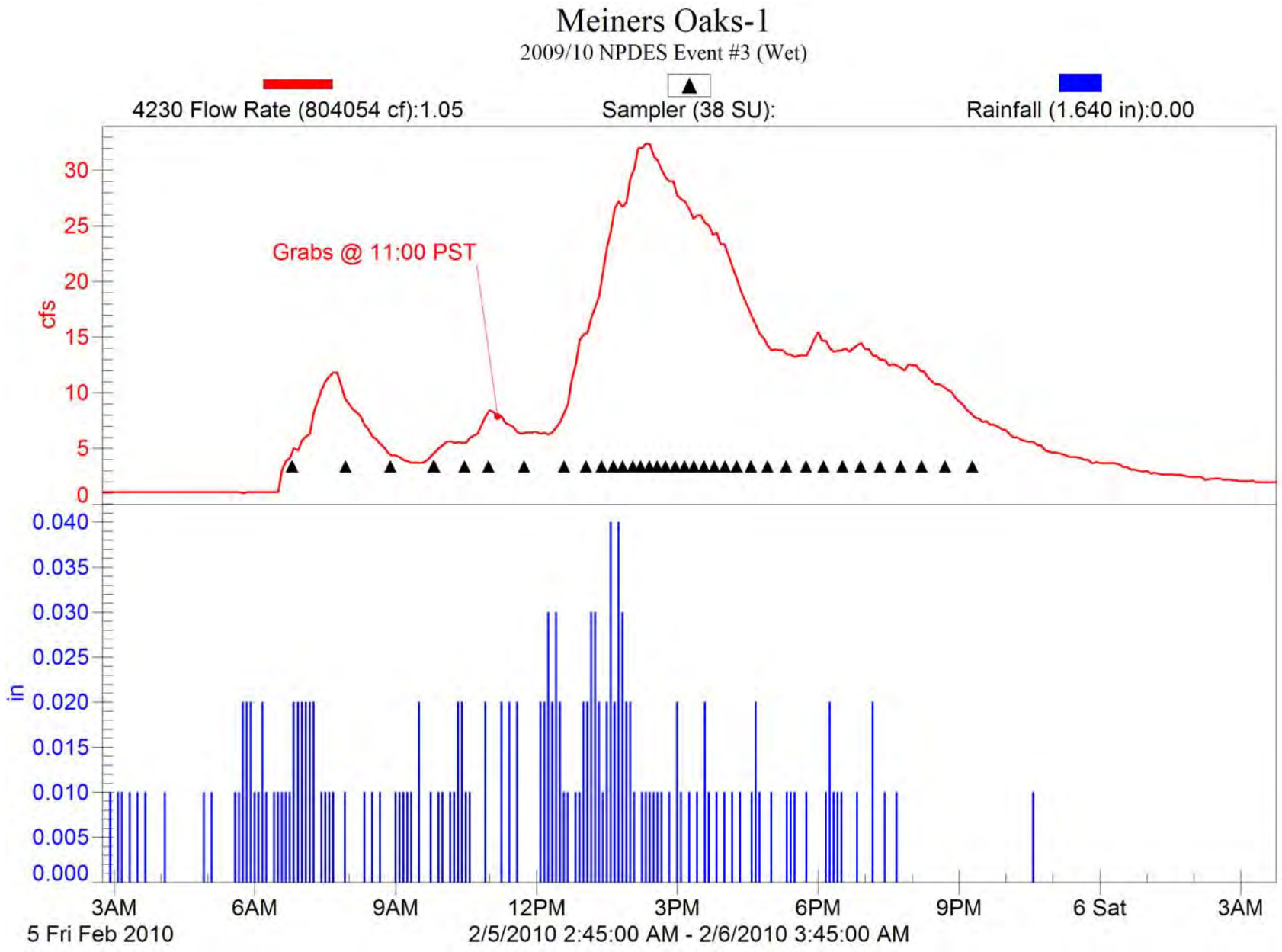


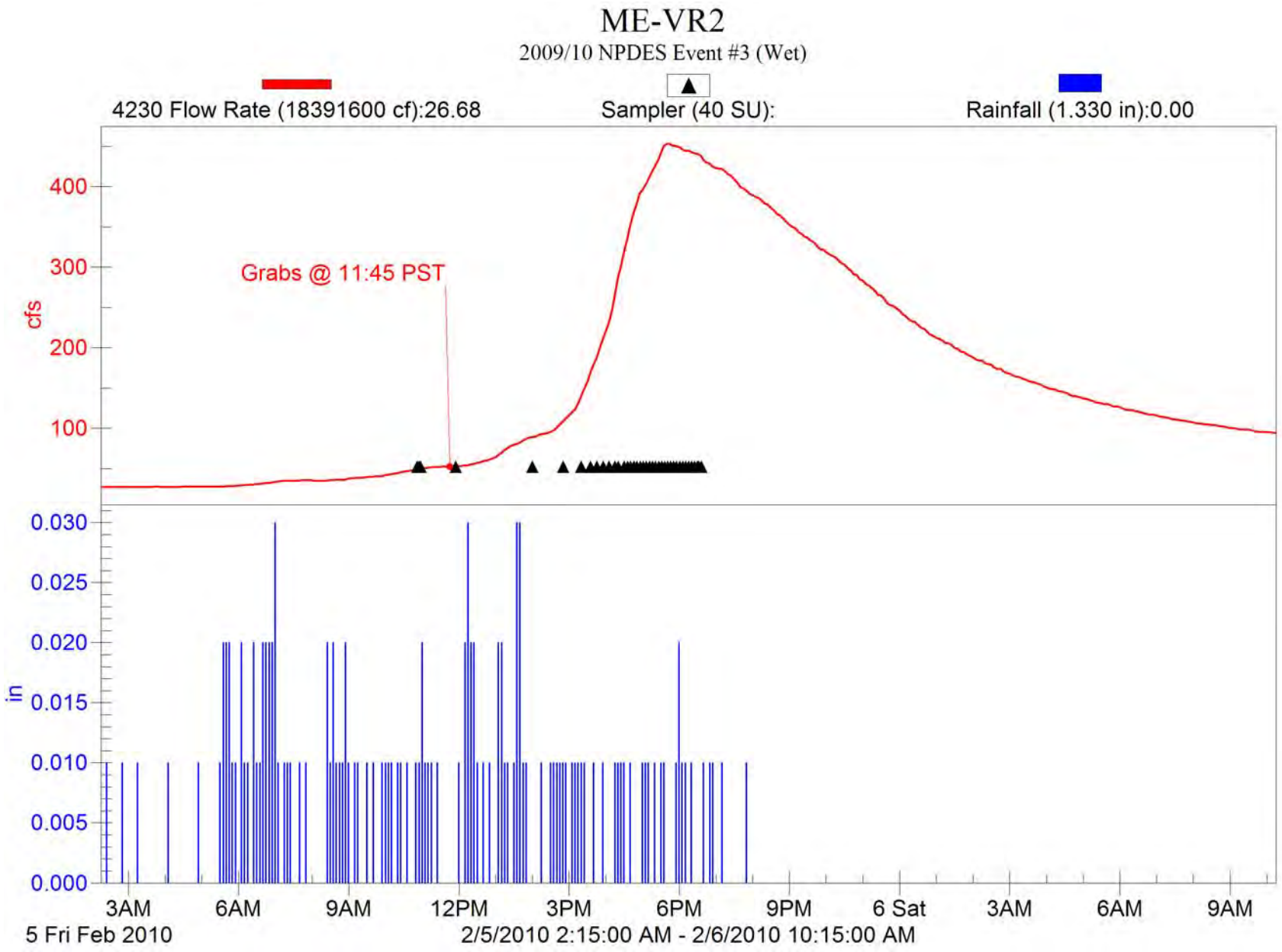

Ojai-1
2009/10 NPDES Event #2 (Wet)
4230 Flow (364209 cf):1.39
Sampler (27 SU):
Rainfall (1.290 in):0.00
Grabs @ 13:45 PST
cfs
20
15
10
5
in
0.030
0.025
0.020
0.015
0.010
0.005
0.000
3AM
6AM
9AM
12PM
3PM
7 Mon Dec 2009
12/7/2009 1:00:00 AM - 12/7/2009 4:00:00 PM

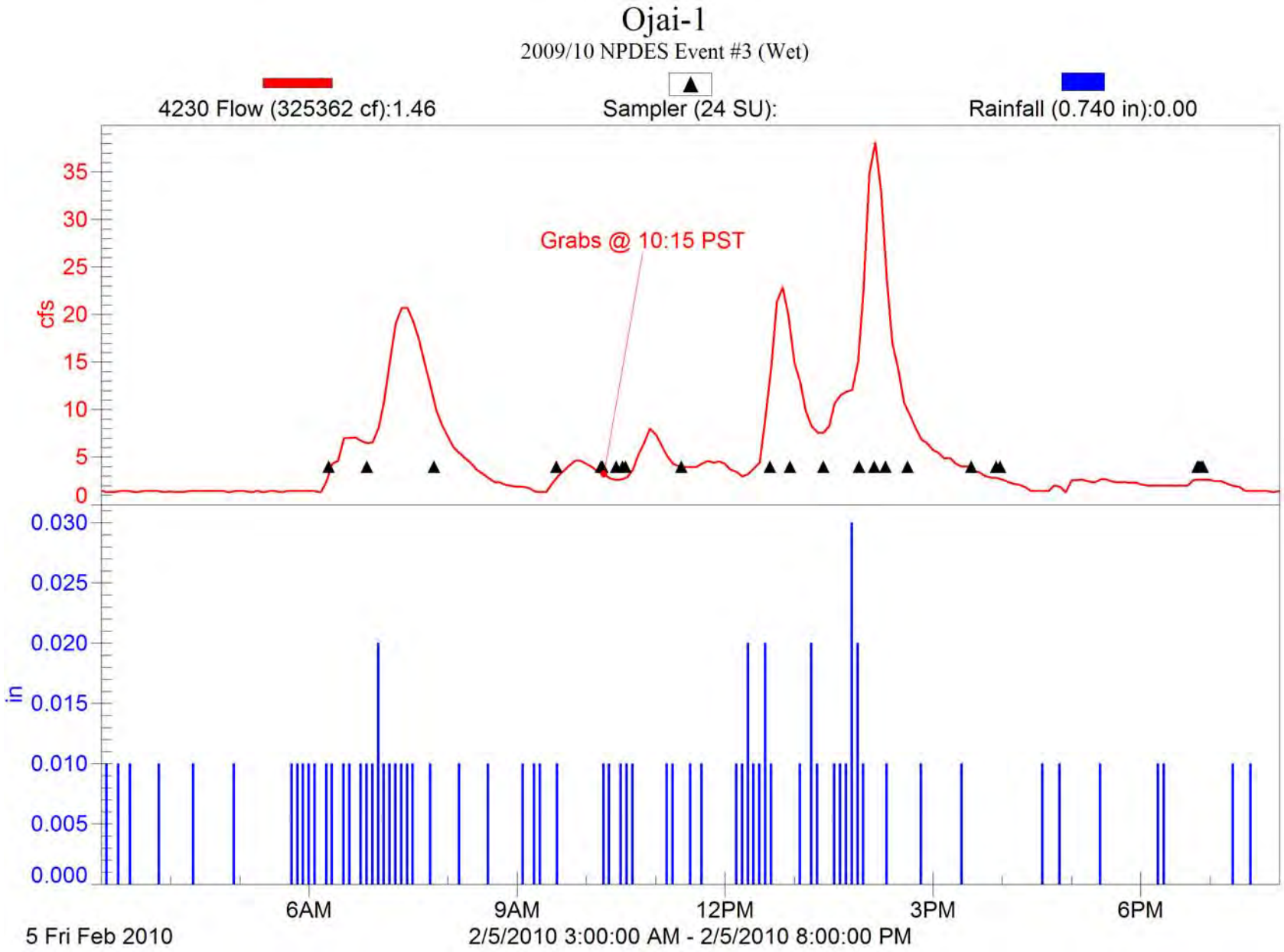

Ventura-1
2009/10 NPDES Event #2 (Wet)
4230 Flow Rate (1042410 cf):0.52
Sampler (37 SU):
Rainfall (0.660 in):0.00
cfs
40
30
20
10
0
Grabs @ 16:00 PST
in
0.06
0.05
0.04
0.03
0.02
0.01
0.00
3AM
6AM
9AM
12PM
3PM
6PM
9PM
7 Mon Dec 2009
12/7/2009 1:00:00 AM - 12/7/2009 9:00:00 PM

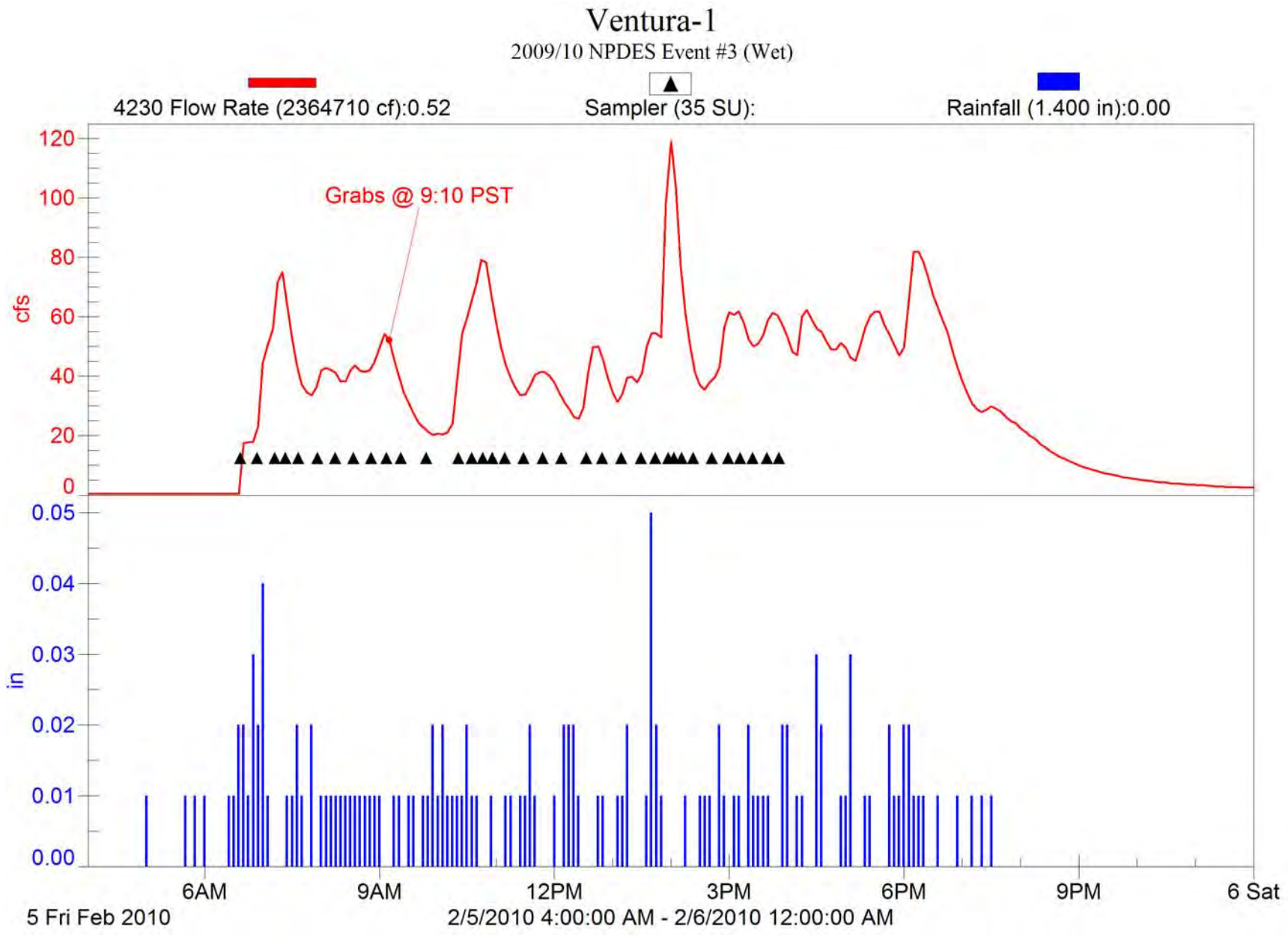

Camarillo-1
2009/10 NPDES Event #3 (Wet)
4230 Flow (2017790 cf):9.15
Sampler (26 SU):
Rainfall (0.990 in):0.00
Grabs @ 11:00 PST
cfs
140
120
100
80
60
40
20
in
0.030
0.025
0.020
0.015
0.010
0.005
0.000
6AM
9AM
12PM
3PM
6PM
5 Fri Feb 2010
2/5/2010 4:30:00 AM - 2/5/2010 6:30:00 PM


ME-CC
2009/10 NPDES Event #3 (Wet)
4230 Flow Rate (65761100 cf):25.54
Sampler (37 SU):
Rainfall (0.780 in):0.00
Grabs @ 11:50 PST
cfs
900
800
700
600
500
400
300
200
100
0
in
0.030
0.025
0.020
0.015
0.010
0.005
0.000
9AM 12PM 3PM 6PM 9PM 6 Sat 3AM 6AM 9AM 12PM 3PM 6PM 9PM 7 Sun 3AM 6AM 9AM 12PM
5 Fri Feb 2010
2/5/2010 6:00:00 AM - 2/7/2010 12:00:00 PM


Meiners Oaks-1
2009/10 NPDES Event #3 (Wet)
4230 Flow Rate (804054 cf):1.05
Sampler (38 SU):
Rainfall (1.640 in):0.00
Grabs @ 11:00 PST
cfs
30
25
20
15
10
5
0
in
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
3AM
6AM
9AM
12PM
3PM
6PM
9PM
6 Sat
3AM
5 Fri Feb 2010
2/5/2010 2:45:00 AM - 2/6/2010 3:45:00 AM

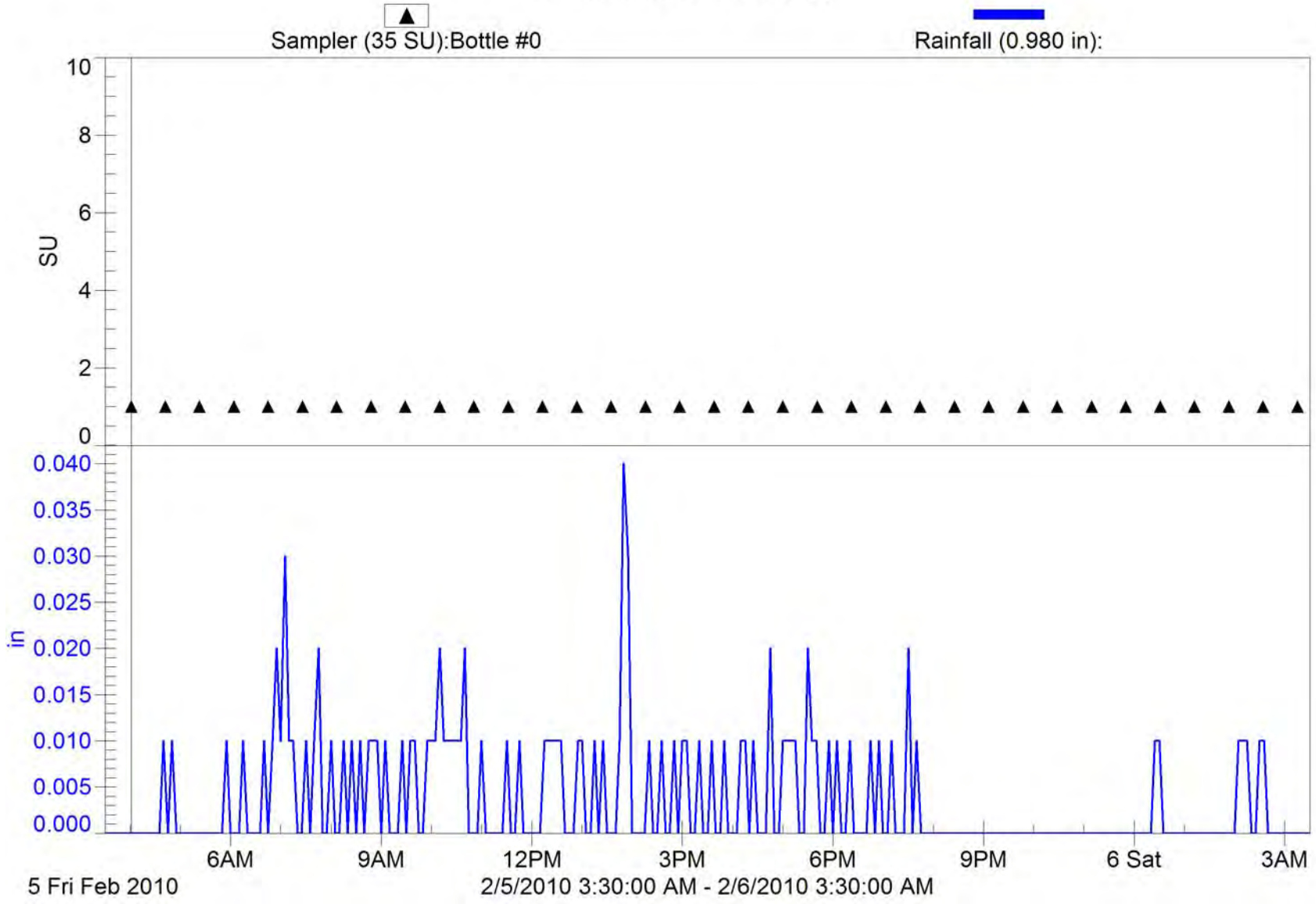

ME-VR2
2009/10 NPDES Event #3 (Wet)
4230 Flow Rate (18391600 cf):26.68
Sampler (40 SU):
Rainfall (1.330 in):0.00
Grabs @ 11:45 PST
cfs
400
300
200
100
in
0.030
0.025
0.020
0.015
0.010
0.005
0.000
3AM
6AM
9AM
12PM
3PM
6PM
9PM
6 Sat
3AM
6AM
9AM
5 Fri Feb 2010
2/5/2010 2:15:00 AM - 2/6/2010 10:15:00 AM


Ojai-1
2009/10 NPDES Event #3 (Wet)
4230 Flow (325362 cf):1.46
Sampler (24 SU):
Rainfall (0.740 in):0.00
Grabs @ 10:15 PST
cfs
35
30
25
20
15
10
5
0
in
0.030
0.025
0.020
0.015
0.010
0.005
0.000
6AM
9AM
12PM
3PM
6PM
5 Fri Feb 2010
2/5/2010 3:00:00 AM - 2/5/2010 8:00:00 PM


Ventura-1
2009/10 NPDES Event #3 (Wet)
4230 Flow Rate (2364710 cf):0.52
Sampler (35 SU):
Rainfall (1.400 in):0.00
Grabs @ 9:10 PST
cfs
120
100
80
60
40
20
0
in
0.05
0.04
0.03
0.02
0.01
0.00
6AM
9AM
12PM
3PM
6PM
9PM
6 Sat
5 Fri Feb 2010
2/5/2010 4:00:00 AM - 2/6/2010 12:00:00 AM

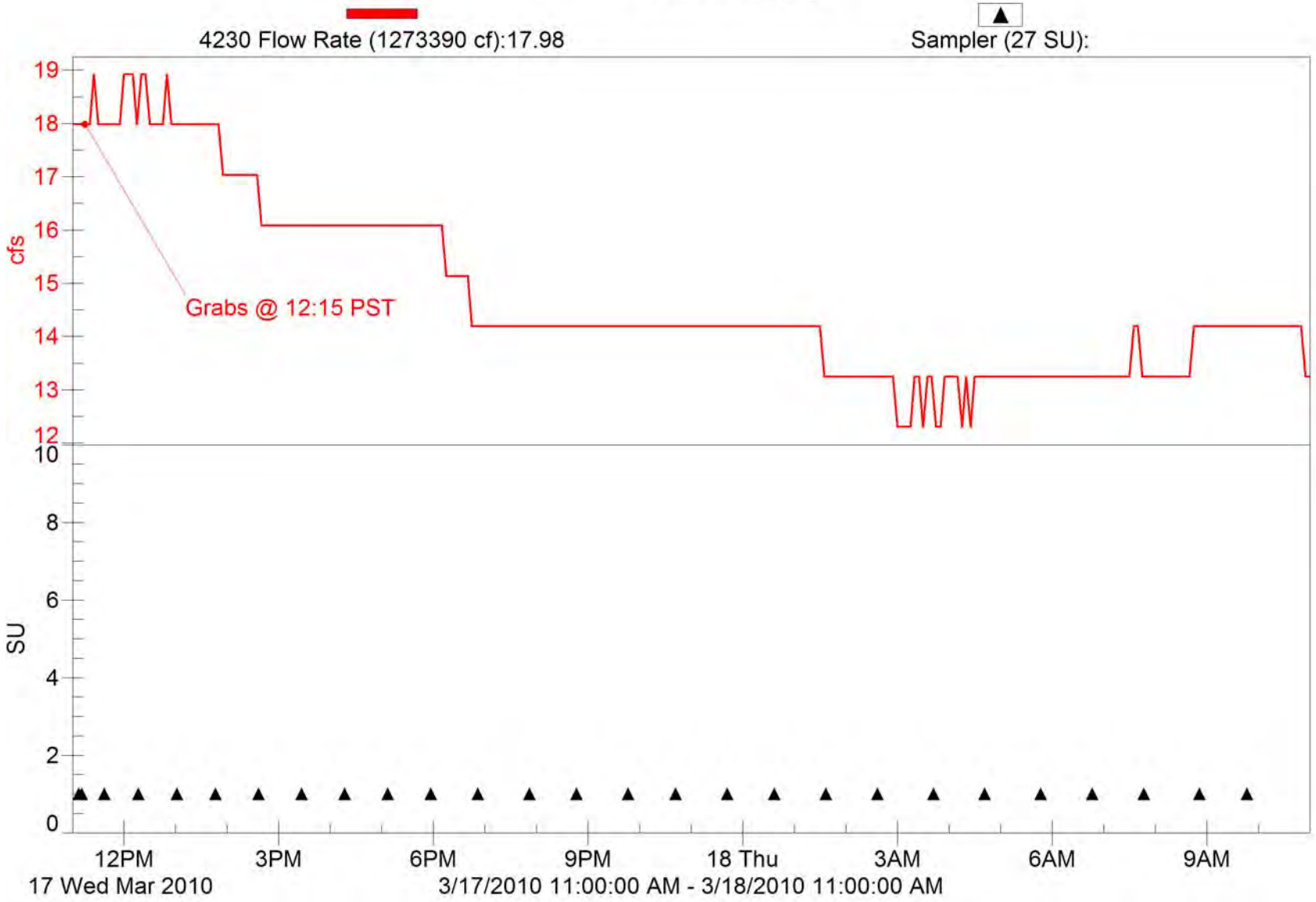
ME-SCR

2009/10 NPDES Event #3a (Wet)



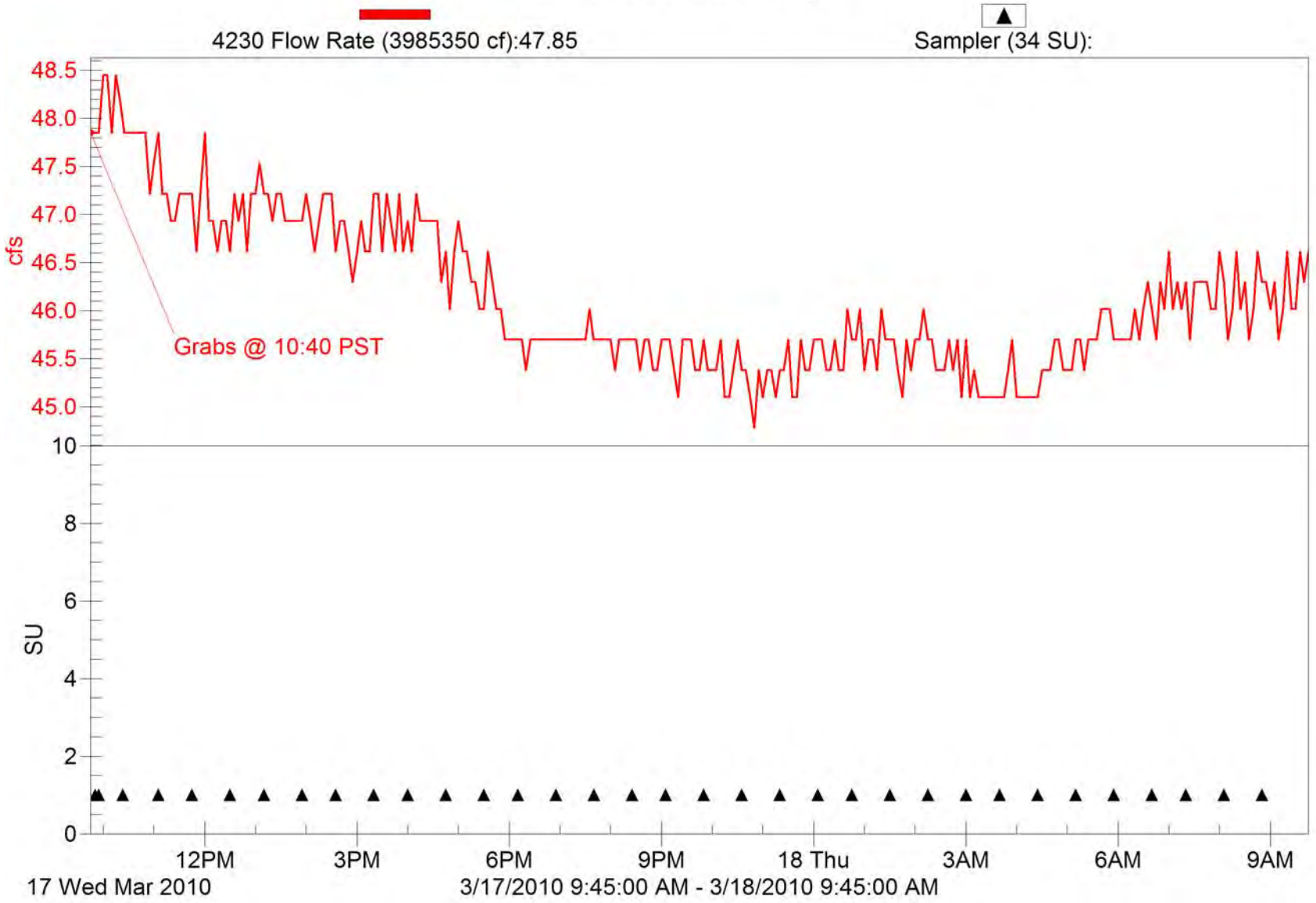
ME-CC

2009/10 NPDES Event #4 (Dry)



ME-VR2

2009/10 NPDES Event #4 (Dry)



Appendix C. NRCS Curve Number Methodology Discussion

Ventura County
Watershed Protection District
Planning & Regulatory
Hydrology Section
MEMORANDUM

DATE: September 4, 2009 Updated August 12, 2010

TO: Tommy Liddell

VIA: Bruce Rindahl

FROM: Mark Bandurraga

SUBJECT: **NPDES Monitoring Site Yield Evaluation**

Per your request, we have used the land use and watershed information you provided to prepare a spreadsheet that can be used to estimate the runoff quantities from storm forecasts. The runoff quantity is estimated using the NRCS Curve Number approach that is a common method in hydrology. The results show that the weighed Curve Numbers estimated from the evaluation range from a low of about 74 for the rural Fox Canyon Drain watershed in Ojai to a high of about 91 for the urbanized watershed in the City of Ventura. The methodology and files used to calculate the Curve Numbers are described in this memo for the watersheds shown in Figures 1-4.

In August 2010 you requested results for another 7 monitoring sites across the county. This memo describes the additional work done for that request.

Curve Number Calculation Methodology

Land Use Data

Land Use data used in the study were provided by the Water Quality Section already clipped to the monitoring site boundaries and in a geodatabase. The land use data were extracted from the Assessor's Parcel database which is considered to be current as of the date of extraction (Feb 12, 2009). The various classifications in the file based on the assessor's 4-digit site use codes were sorted and assigned hydrologic land use names associated with the various classifications contained in the Curve Number (CN) Table from the Hydrology Manual (2006) as shown in Table 1. The categories in the land use file corresponded well with the land uses in the VCWPD CN Table with the following exceptions:

1. Vacant undifferentiated land was assumed be open brush in fair condition in rural areas and open space with 50% grass cover in urban areas.
2. Mixed urban land uses were assumed to correspond to commercial properties with 50% effective impervious.
3. Fire stations, public buildings, and schools were assigned to the low industrial use category with an effective impervious value of 36% due to the potential for large landscaped areas.

Table 1 Land Uses In NPDES Database (Assessor's Land Uses)

KVM_CAT1	SHORT_	Name
Agriculture	Abandoned Orchards and Vineyards	Orchard
Agriculture	Horse Ranches	open
Agriculture	Nurseries	Orchard
Agriculture	Orchards and Vineyards	Orchard
Agriculture	Vacant With Limited Improvements	open
Com_Indus. Mix	Mixed Commercial and Industrial	Comm
Commer.	Commercial Recreation	Comm
Commer.	Commercial Storage	Comm
Commer.	Low- to Medium-Rise Major Office Use	comm
Commer.	Modern Strip Development	comm
Commer.	Retail Centers (Non-Strip with Contiguous Interconnected Off-Street Parking)	comm
Extraction	WHOLESALING AND WAREHOUSING	indhigh
Facilitiy	Fire Stations**	indlow
Facilitiy	Government Offices	indlow
Facilitiy	Major Medical Health Care Facilities	comm
Facilitiy	Other Public Facilities	indlow
Facilitiy	Other Special Use Facilities	indlow
Facilitiy	Police and Sheriff Stations**	indlow
Facilitiy	Religious Facilities	indlow
Facilitiy	Special Care Facilities	indlow
Industrial_1	Open Storage	indlow
Industrial_1	Packing Houses and Grain Elevators	indlow
Industrial_3	Manufacturing, Assembly, and Industrial Services	indhigh
No Info Given		open
Recreation	Other Open Space and Recreation	open
Res.1	Low Density Single Family Residential	reslow
Res.1	Trailer Parks and Mobile Home Courts, High Density	reshigh
Res.2	Low-Rise Apartments, Condominiums, and Townhouses	reshigh
Res.2	Rural Residential Low Density	resrural
Res.3	High Density Single Family Residential	reshigh
Res.4	Duplexes, Triplexes, and 2- or 3-Unit Condominiums and Townhouses	reshigh
Res.4	Medium-Rise Apartments and Condominiums	reshigh
Res.4	Mixed Urban	comm
Schools	Elementary Schools**	indlow
Schools	Junior High Schools**	indlow
Schools	Senior High Schools**	indlow
Transportation	Freeways and Major Roads	paved
Transportation	Mixed Transportation	paved
Transportation	Truck Terminals	paved
Under Constructi	Under Construction	indlow
Utilities	Electrical Power Facilities	indlow
Vacant Undiffere	Vacant Undifferentiated (rural)	brushfair
Vacant Undiffere	Vacant Undifferentiated (city)	open

Soils Information

The soils information was obtained from the District soils shapefile that groups the soil info into categories 1 through 7 corresponding to the NRCS soil categories D through A, respectively. The soils info was clipped to the watershed boundaries using the watershed shapefile. The areas

obtained from the soils files were checked against the total watershed areas to make sure they were identical.

Combined Soils and Land Use Information and Weighted Curve Numbers

The soils and land use shapefiles were then unioned in GIS to obtain the combinations of soil type and land uses in the watersheds. The resulting table was imported into excel and sorted to group the various land uses. The land uses were then assigned a name associated with the data in the District CN Table. Based on the name and soil number, excel functions "match" and "offset" were used to obtain a CN from the CN Table. The weighted soil number and Curve Number for each watershed were calculated using the areas, soil numbers, and CN's. The weighted soil types were checked against the data in the original watershed soil files and were found to be the same. The weighted Curve Numbers were linked to a summary worksheet to be used to calculate the yields by the Water Quality Section. This procedure was also applied to the 7 additional watersheds added to the study in August 2010.

The results are shown in Table 2.

Table 2: Storm Yield Results- Weighted Average Curve Numbers

Watershed Name	Size ac	Compo-site CN	Rain (in)	Initial Abs S (no units)	Rain cutoff (in)	Yield (in)	% Yield
Camarillo	2,779	85.12	5.00	1.75	0.35	3.38	68%
Happy Valley	1,026	77.29	5.00	2.94	0.59	2.65	53%
Fox	749	74.19	5.00	3.48	0.70	2.38	48%
Ventura	707	90.93	5.00	1.00	0.20	3.97	79%
Fillmore	762	74.77	5.00	3.37	0.67	2.43	49%
Port Hueneme	589	85.60	5.00	1.68	0.34	3.43	69%
Moorpark	1,816	63.34	5.00	5.79	1.16	1.53	31%
Oxnard	1,374	84.07	5.00	1.89	0.38	3.28	66%
Simi Valley	3,321	71.04	5.00	4.08	0.82	2.12	42%
Santa Paula	64	80.07	5.00	2.49	0.50	2.90	58%
Thousand Oaks	5,179	81.54	5.00	2.26	0.45	3.04	61%

Between the first request and present, the Hydrology Section has updated their Curve Number tables to make them more consistent with reported infiltration rates in the Hydrology Manual. The resultant CNs were used in the study to see the effect on the yields as shown in Table 3.

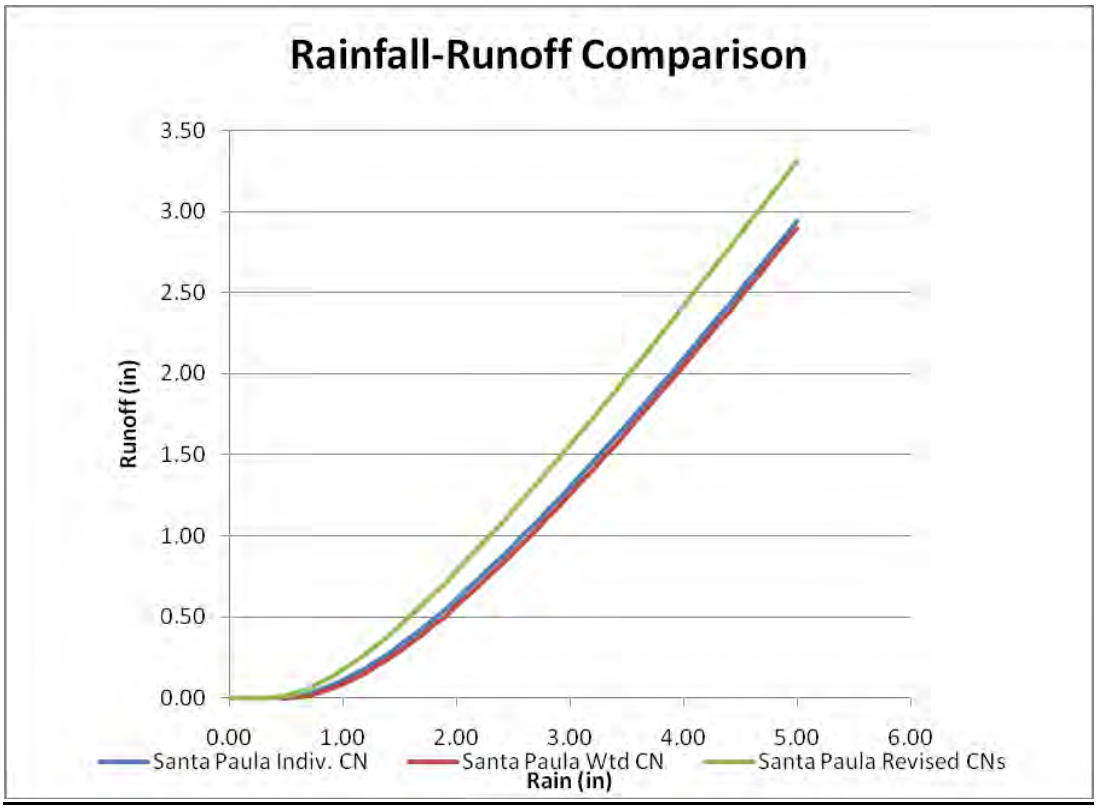
Table 3: Storm Yield Results- Weighted Average Curve Numbers with Updated CNs

Watershed Name	Size ac	Compo-site CN	Rain (in)	Initial Abs S (no units)	Rain Cutoff (in)	Yield (in)	% Yield
Camarillo	2,779	84.72	5.00	1.80	0.36	3.34	67%
Happy Valley	1,026	77.22	5.00	2.95	0.59	2.64	53%
Fox	749	73.48	5.00	3.61	0.72	2.32	46%
Ventura	707	91.24	5.00	0.96	0.19	4.01	80%
Fillmore	762	74.39	5.00	3.44	0.69	2.40	48%
Port Hueneme	589	86.14	5.00	1.61	0.32	3.48	70%
Moorpark	1,816	64.63	5.00	5.47	1.09	1.63	33%
Oxnard	1,374	84.01	5.00	1.90	0.38	3.27	65%
Simi Valley	3,321	71.11	5.00	4.06	0.81	2.13	43%
Santa Paula	64	84.22	5.00	1.87	0.37	3.29	66%
Thousand Oaks	5,179	81.27	5.00	2.30	0.46	3.01	60%

The results showed that the revised CNs provided yields that were 1 or 2% higher than the 2006 CN set except for the Santa Paula watershed. This watershed was soil type 6, which had CNs that were more affected by the updates than most of the CNs for the other soils.

While working on the 2nd request, it was realized that the Hydrology Section could provide more precise estimates of flow at lower rainfall levels by analyzing each soil/land use combination individually and summing the results rather than using a weighted average CN in the runoff equation. So the individual CN results were calculated and summed for both the 7 sites in this update and the previous 4 sites. The resultant spreadsheets provide tables of runoff vs rainfall data. Figure 1 shows a comparison of the rainfall and runoff from a highly developed watershed Camarillo using the weighted average CN, individual CNs, and revised individual CNs.

Figure 1



Conclusions and Limitations

The provided weighted CNs can be used to estimate runoff from low to moderately saturated watersheds. It has been our experience that it is necessary to use Antecedent Moisture Condition III CNs for highly saturated watersheds which only occurs after many days of heavy rainfall such as January 10, 2005. The provided CNs probably will overpredict the runoff coming from the first storms of the season due to the very dry antecedent moisture conditions present then. If necessary further work can be done to provide CNs representing AMC I conditions. Also, the CNs assigned to the various land uses can be calibrated after enough storms have occurred to evaluate the predictive accuracy of the current yield equations provided to the NPDES group. It should also be possible to provide forecasts of runoff from the HSPF forecast model of the Ventura River watershed that more accurate reflect saturated/unsaturated conditions.

List of Files in Work Directory K:\PR\hydrology\Watersheds\NPDES\Monitoring_Sites

Filename	Description
GIS	Contains GIS files used in evaluation
GIS2010	Contains 2010 GIS files used in updated evaluation
ClippedLandUse.mdb	Geodatabase with land uses clipped to watershed boundaries provided by WQ section
*_SelectedWatershed.shp	shapefiles showing boundaries of monitoring watersheds
*soils.shp	soils shapefiles clipped to watershed boundaries
*soilsunion.shp	Union of soils and land use data shapefile for watersheds
Allsoil.shp	VCWPD soils shapefile showing numbers for hydrology calcs
NPDES_MonitoringSitesRunoff9-09.xls	9-09 CN data
NPDES_MonitoringSitesRunoff8-10.xls	8-10 updated analysis for 11 sites total
NPDES_MonitoringSitesRunoff8-10RevCNs.xls	8-10 analysis using revised CNs
MonitoringSites9-09.mxd	ArcMap project file for analysis

Ventura Watershed

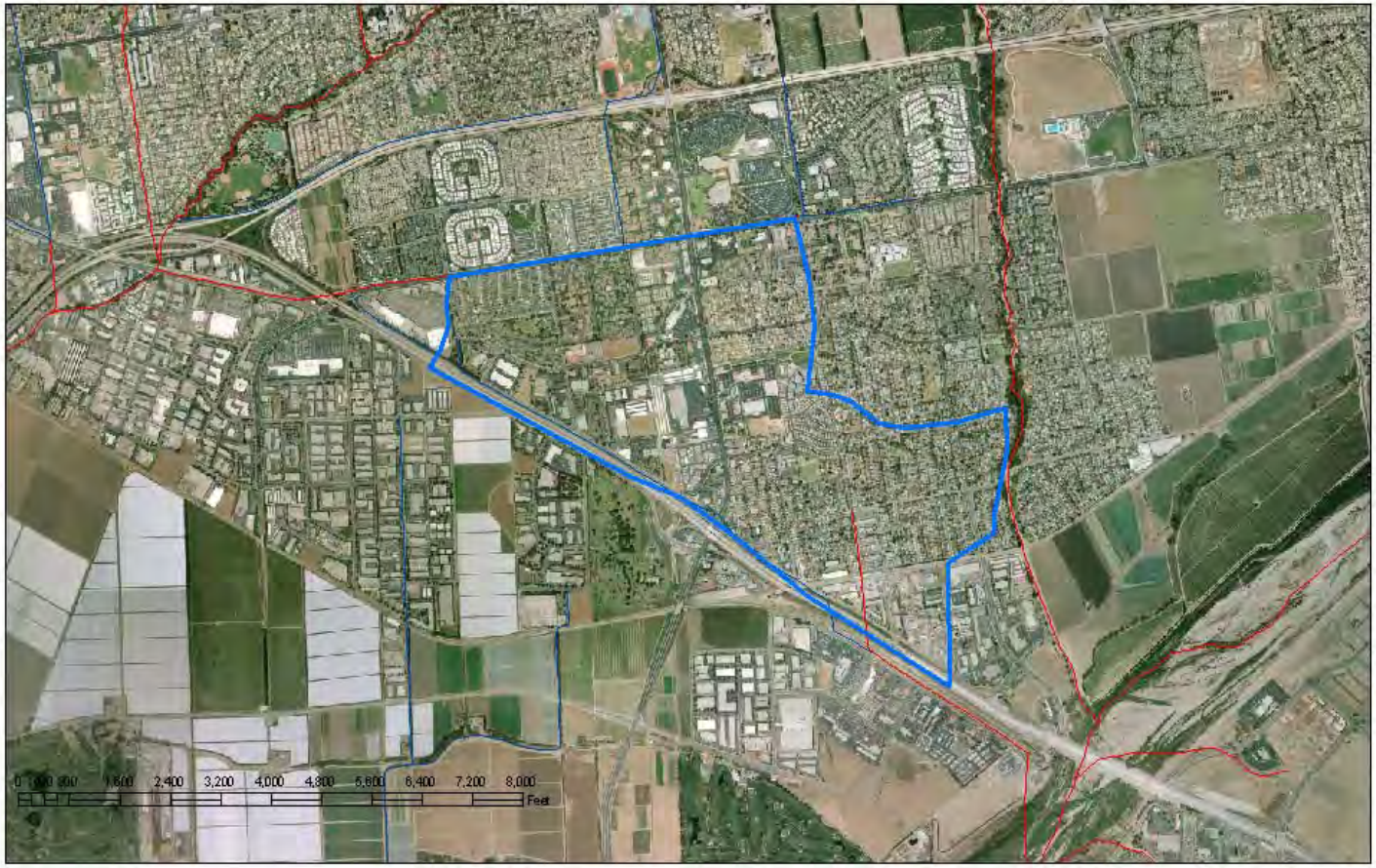


Figure 2

Meiners Oaks Happy Valley Watershed

Figure 3

Ojai Fox Watershed

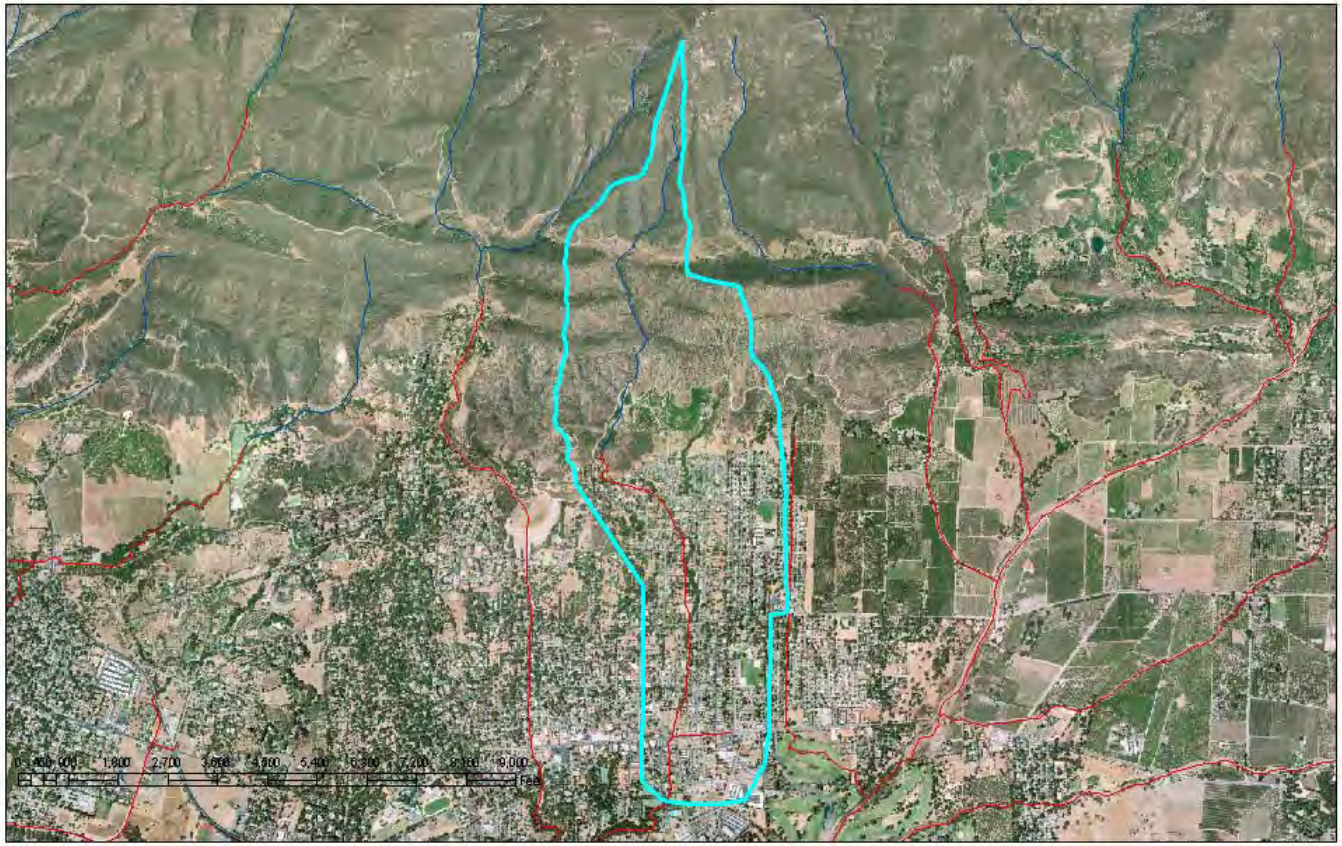


Figure 4

Camarillo Hills Drain Watershed

Figure 5

Simi Valley Watershed

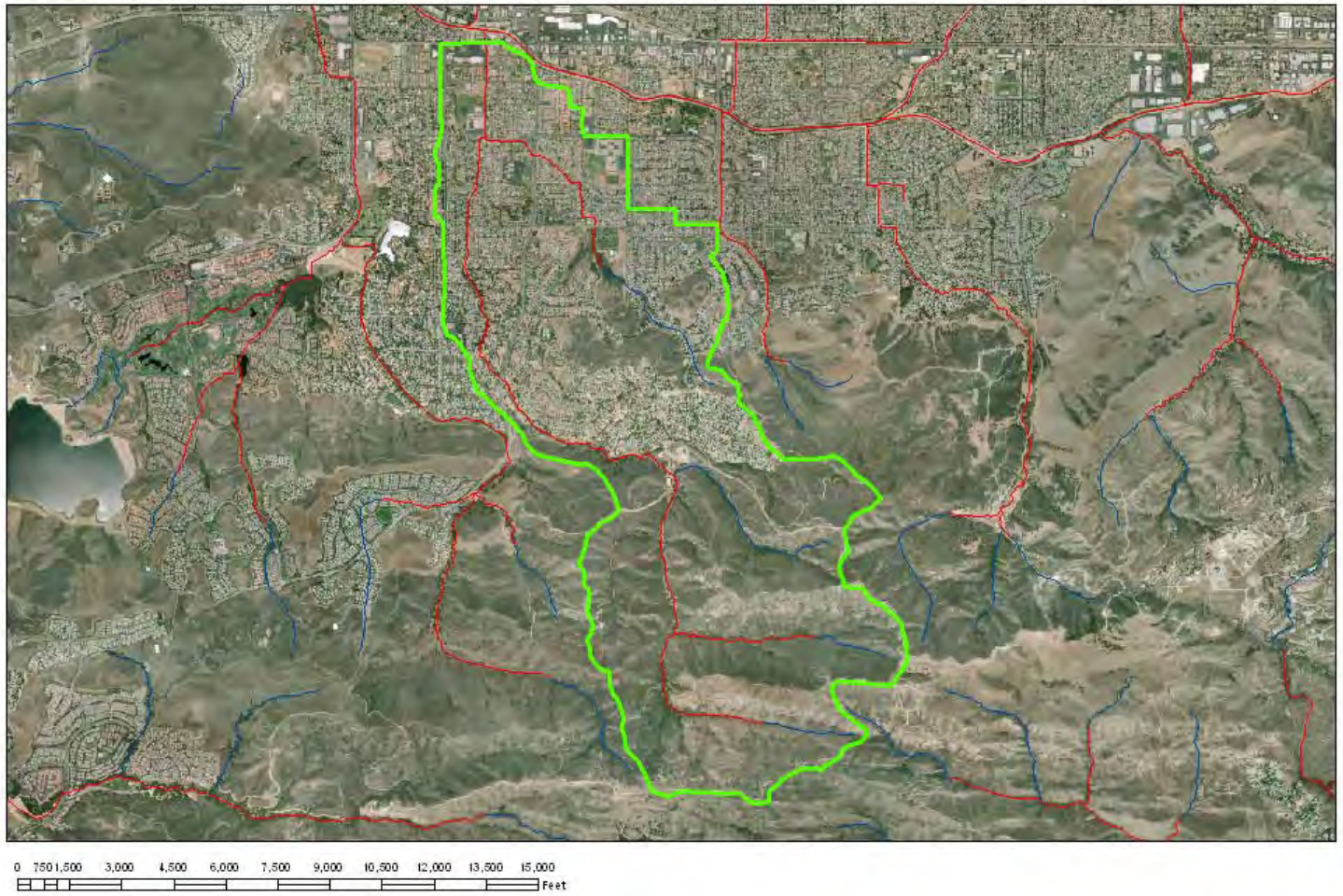


Figure 6

Oxnard Watershed

Figure 7

Moorpark Watershed

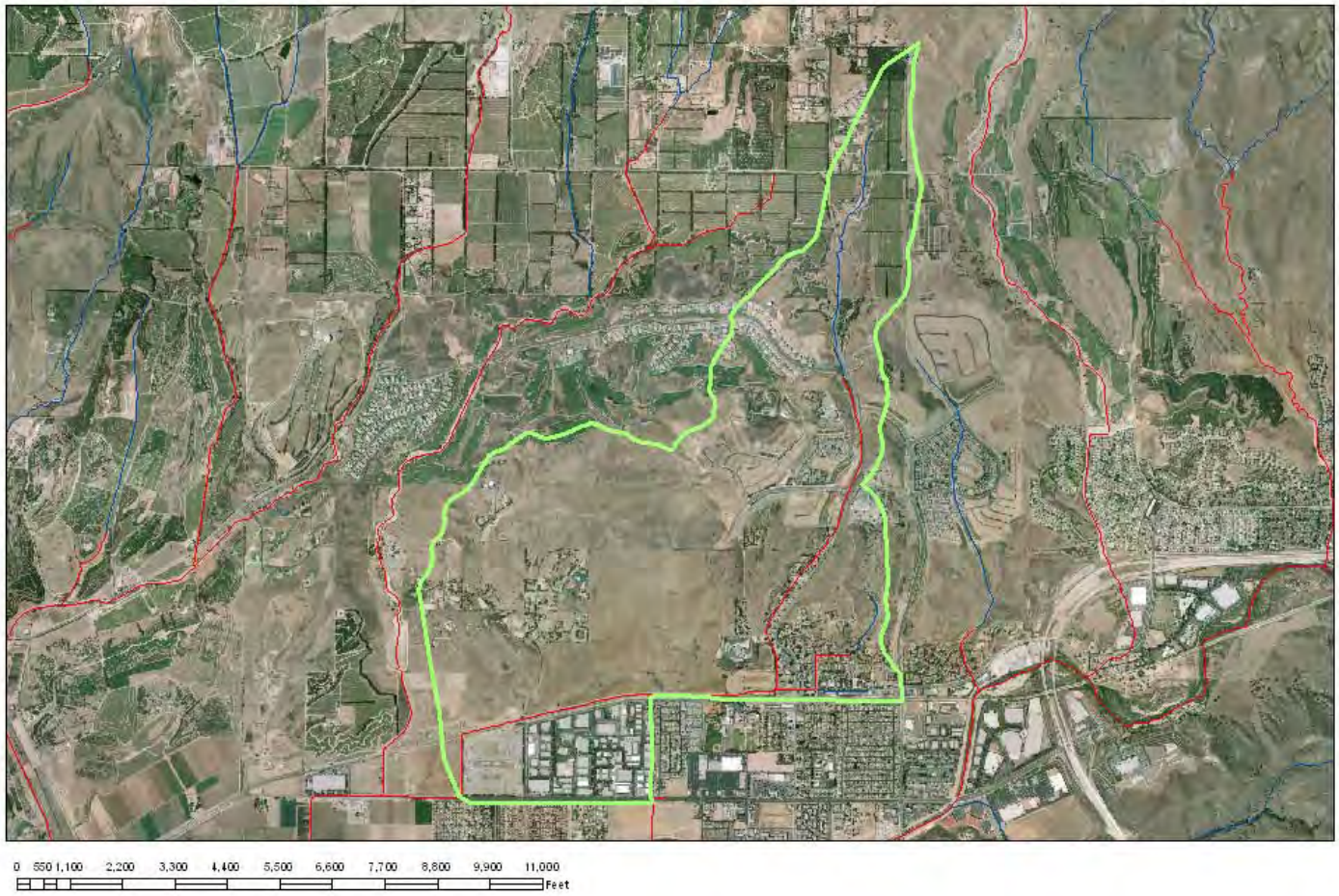


Figure 8

Port Hueneme Watershed

Figure 9

Fillmore Watershed

Figure 10

Thousand Oaks Watershed

Figure 11

Santa Paula Watershed

Figure 12

Appendix D. Event Summaries

NPDES 2009/2010 Water Quality Monitoring
Event #1 (Wet), October 13-14, 2009 Summary

Forecasted Rainfall Amounts: 01.5" – 3.0"(coast) to 3.0" – 6.0" (mountains)
Actual Rainfall Amounts: 0.5" – 1.5" (coast) to 4.0" – 7.0" (mountains)
Sampling Durations:

ME-CC = 20.5 hrs.	ME-SCR = 23.0 hrs.	ME-VR2 = 18.5 hrs.
Camarillo-1 = 18.0 hrs.	Ojai-1 = 22.0 hrs.	Ventura-1 = 7.0 hrs.
VCMeiners Oaks-1 = 6.5 hrs.		

Sampling Crew: Tommy Liddell, Bill Carey, Kelly Hahs

NPDES ~ MASS EMISSION

ME-CC Calleguas Creek (CSUCI Bridge)

- 10/13/09 @ 06:35
  4230: 1.482', 51 cfs. Programmed for flow-paced sampling, trigger = 444,000 cf, calculated for 1 inch dry antecedent conditions.
  6712: Program flow paced, 1 pulse, sample at start. 35 samples, 500 ml/sample. Start date/time 10/13/09 @ 10:00 Tuesday. Installed one 20L bottle, iced cooler, lid off. Pump reverse causes bubbles. 24 hours run time.
- 10/13/09 @ 18:41
  4230: 1.518', 61 cfs.
  6712: "Sample 5 after one pulse." 1.5-2 inches of water in bottom of bottle. Changed trigger to 333,333cf.
  Grab samples: Taken at check structure @ 18:45
  Field Measurements: Temperature = 19.3° C pH = 7.86
  DO (%) = 68.9 Conductivity = 1553 uS Salinity = 0.9 ppt
  DO(mg/L) = 6.31 Specific Conductance = 1742 uS
- 10/14/09 @ 10:56
  4230: 3.526', 1740 cfs.
  6712: Program: Flow paced is done.
  Composite samples: Pulled composite @ 11:00. Bottle ~ 19 L full.
  Notes: Trigger was from old trigger table and was not updated for new sample number and volume. Update trigger tables before next storm (500/200 x current trigger).

ME-SCR Santa Clara River (Freeman Diversion)

- 10/12/09 @ 19:07
  4210: 0.009', 0 cfs.
  6712: Pump reverse causes bubbles. Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide mouth bottle, 500 ml per sample, start date/time 10/13/09 @ 10:00 Tuesday. Bottle in, lid off, refrigerator at 4° C. Intake line @ trash rack.
- 10/13/09 @ 22:33
  4210: 0.000', 0 cfs.
  6712: "Sample 20 in 24:23:53." Bottle half full. UCWD just turned diversion canal out.
  Grab samples: Taken at diversion canal @ 22:45
  Field Measurements: Temperature = 17.6° C pH = 7.62
  DO (%) = 53.4 Conductivity = 871 uS Salinity = 0.5 ppt
  DO(mg/L) = 5.08 Specific Conductance = 1014 uS

- 10/14/09 @ 11:34
  4210: 0.073', 3 cfs. UWCD turned out almost completely, 22,500 cfs coming out of Sespe.
  6712: "Program: Flow paced is done, Errors have occurred."
  Composite samples: Pulled composite @ 11:45. Bottle ~ 10 L full.
  Notes: None

ME-VR2 Ventura River (Ojai Valley Sanitation District)

- 10/12/09 @ 17:29
  4230: 2.303', 1 cfs. Bubbler out of communication with water. ~1" storm prediction. Triggers low in past, VTS calls for 66,667 so use trigger = 15,000 cf.
  6712: Program flow paced, every 1 pulse, sample at start, 1, 18.5 L bottle, 35 samples, 200 ml/sample (will deliver ~ 400ml/sample), start 10/13/09 @ 10:00 Tuesday, max. run time 24 hrs. Bottle in, lid off, refrigerator at 4° C.
- 10/13/09 @ 09:03
  4230: 2.306', 2 cfs.
  6712: Changed maximum run time to 36 hours.
- 10/13/09 @ 16:01
  4230: 2.370', 5 cfs.
  6712: "Sample 5 after 1 pulse." ~ 1" of sample in bottom of bottle.
- 10/13/09 @ 21:39
  4230: 2.407', 6 cfs.
  6712: "Sample 12 after 1 pulse." ~ 3" of sample in bottom of bottle.
  Grab samples: Taken at mid-stream, mid-depth @ 21:50
  Field Measurements: Temperature = 17.2° C pH = 7.62
  DO (%) = 59.2 Conductivity = 1487 uS Salinity = 0.9 ppt
  DO(mg/L) = 5.30 Specific Conductance = 1717 uS
- 10/14/09 @ 10:13
  4230: 3.303', 279 cfs.
  6712: "Program: Flow paced is done." Bottle ~ 1" from shoulder.
- 10/14/09 @ 13:00
  4230: 3.227', 240 cfs.
  6712: "Program: Flow paced is done."
  Composite samples: Pulled @ 13:00. Bottle ~ 1" from shoulder.
  Notes: Extensive vegetation removal by O&M on 10/12/09, installed new poly intake line and clean strainer.

NPDES ~ MAJOR OUTFALLS

Camarillo-1

- 10/12/09 @ 13:57
  4230: Bubbler out of communication with water. ~ 0.5" storm prediction. Pacing set @ 3,400 cf.
  2105c: Set sample enable trigger at 0.43' level with duration = 2 minutes, 0.05" rainfall. Set latch.
  6712: Program flow paced, every 1 pulse, no sample at start, 1, 19.2 L bottle, 35 samples, 500 ml/sample, max. run time 24 hrs. Bottle in, lid off, refrigerator at 4° C.
- 10/13/09 @ 11:07
  4230: 0.364', 13 cfs.
  6712: Changed maximum run time to 36 hours.

- 10/13/09 @ 17:54
  4230: 0.593', 42 cfs.
  6712: No samples. Sampler not yet enabled but should have been (2105c error). Manually enabled through 2105c. Confirmed pacing pulse, watched sample 1 @ 17:56. Took 3 samples out of 8 attempts.
  Grab samples: Taken at 18:30 from wing wall on west side.
  Field Measurements: Temperature = 18.6° C pH = 7.20
  DO (%) = 81.7 Conductivity = 299.3 uS Salinity = NR
  DO(mg/L) = 7.62 Specific Conductance = 344.3 uS
- 10/14/09 @ 09:31
  4230: 0.698', 63 cfs.
  6712: "Program: Flow paced is done. Errors have occurred during program". Bottle ~ 3 L. Restarted program, time-paced, 30 samples, 10 minutes/sample, 500 ml/sample. Watched first two samples, volume good.
- 10/14/09 @ 12:35
  4230: 0.452', 23 cfs.
  6712: "Sample 20 in 08:20." Stopped program @ 12:36. "Errors have occurred."
  Composite samples: Pulled @ 12:40. Bottle ~ 15.5 L.
  Notes: None.

Ojai-1

- 10/12/09 @ 10:11
  4230: Bubbler out of communication with water. Rainfall predicted at 1.5". Pacing set @ 11,500 cf.
  2105c: Set sample enable trigger at 0.25' level, 0.10" rainfall. Set latch.
  6712: Program flow paced, every 1 pulse, no sample at start, 1, 18.4 L bottle, 35 samples, 500 ml/sample, max. run time 24 hrs. Changed hardware programming to send event marks after complete samples. Bottle in, lid off, refrigerator at 4° C.
- 10/13/09 @ 08:13
  4230: 0.139', 2 cfs.
  6712: Changed maximum run time to 36 hours. Sampler disabled and awaiting signal from 2105c.
- 10/13/09 @ 14:40
  4230: 0.329', 16 cfs. Pacing set to 11,500 cf.
  6712: No samples. Sampler not yet enabled but should have been (2105c error). Manually enabled through 2105c. Not getting trigger from 2105c, connected 6712 directly to 4230. Program flow paced, sample at start, no delay to start, 35 samples, 500 ml/sample. First sample = insufficient flow (depth <0.3').
- 10/13/09 @ 20:39
  4230: 0.281', 12 cfs.
  6712: "Sample 17 after 1 pulse." Watched sample 17, no liquid detected. "Errors have occurred." Insufficient flow depth for valid samples (depth <0.3'). Restarted program, first 2 samples errors – no liquid detected, but 0.375' and 22 cfs.
  Grab samples: Taken at 20:50 from wing wall.
  Field Measurements: Temperature = 17.0° C pH = 8.35
  DO (%) = 94.8 Conductivity = 78.3 uS Salinity = 0 ppt
  DO(mg/L) = 9.16 Specific Conductance = 90.2 uS
- 10/14/09 @ 09:37
  4230: 0.155', 3 cfs.

6712: "Program: extended 1 is done. Errors have occurred." Bottle full to ~ 1" below shoulder.

- 10/14/09 @ 12:19
  4230: 0.141', 2 cfs.
  Composite samples: Pulled @ 12:20. Bottle full to ~ 1" below shoulder.
  Notes: None.

VCMeiners Oaks-1

- 10/12/09 @ 10:33
  4230: Bubbler out of communication with water. Rainfall predicted at 2.0". Pacing set @ 23,000 cf.
  2105c: Set sample enable trigger at 0.15' level, 0.10" rainfall. Set latch.
  6712: Program flow paced, every 1 pulse, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, max. run time 24 hrs. Changed hardware programming to send event marks after complete samples. Bottle in, lid off, refrigerator at 4° C.
- 10/13/09 @ 07:53
  4230: 0.082', 1 cfs.
  6712: Changed maximum run time to 36 hours and restarted program. Sampler disabled and awaiting signal from 2105c.
- 10/13/09 @ 15:32
  4230: 0.151', 3 cfs. Pacing set to 15,000 cf.
  6712: "Sample 3 after 1 pulse."
- 10/13/09 @ 19:55
  4230: 0.286', 13 cfs. Changed pacing to 3,000 cf.
  6712: "Sample 3 after 1 pulse." Watched sample 3, 4, 5. "Sample 6 after 1 pulse." Bottle ~ 3 L.
  Grab samples: Taken at 20:15 from wing wall.
  Field Measurements: Temperature = 17.1° C pH = 7.82
  DO (%) = 90.4 Conductivity = 180.6 uS Salinity = 0.1 ppt
  DO(mg/L) = 8.72 Specific Conductance = 212.6 uS
- 10/14/09 @ 09:06
  4230: 0.365', 20 cfs.
  6712: "Program: extended 1 is done." Bottle full to shoulder.
- 10/14/09 @ 12:40
  4230: 0.168', 4 cfs.
  Composite samples: Pulled @ 12:40. Bottle full to shoulder.
  Notes: None.

Ventura-1

- 10/12/09 @ 13:20
  4230: Bubbler out of communication with water. Rainfall predicted at 0.5". Pacing set @ 5,100 cf.
  2105c: Set sample enable trigger at 0.16' level with duration = 2 minutes, 0.05" rainfall. Set latch.
  6712: Program flow paced, every 1 pulse, no sample at start, 1, 19 L narrow-neck bottle, 35 samples, 500 ml/sample, max. run time 24 hrs, send event marks after complete samples. Bottle in, lid off, refrigerator at 4° C.
- 10/13/09 @ 10:01
  4230: 0.136', 3 cfs.

2105c: Changed to enable when >0.16" level, no rainfall.
6712: Adequate rainfall and flow but sampler still disabled due to incorrect Boolean equation. Changed maximum run time to 36 hours and restarted program.

- 10/13/09 @ 12:41
  4230: 0.254', 10 cfs. Pacing set to 100 cf.
  6712: "Sample 2 after 1 pulse." Bottle ~ 0.5 L. Sampler timing not performing as programmed. Diagnosed problem and reprogrammed to composite 31 samples (4 samples collected during diagnosis). Restarted sampler.
- 10/13/09 @ 23:14
  4230: 0.582', 38 cfs. Enabling issue from 2105c. Changed pacing to 3,000 cf, to 2,000 cf, to 6,000 cf. Changed enable signal from 2105c to 4230.
  6712: "Sample 1 after 1 pulse." Watched sample 1, volume appears correct.
  Grab samples: Taken at 23:15 from wing wall.
  Field Measurements: Temperature = 18.3° C pH = 7.71
  DO (%) = 94.5 Conductivity = 116.1 uS Salinity = 0.1 ppt
  DO(mg/L) = 8.91 Specific Conductance = 133.2 uS
- 10/14/09 @ 11:06
  4230: 0.253', 10 cfs.
  6712: "Program: flow-paced completed, errors have occurred." Bottle full to 1" below shoulder.
  Composite samples: Pulled @ 11:10. Bottle full to 1" below shoulder.
  Notes: None.

Sample Tracking

- Bacteria samples to VCHCA (Susan Benavides) on 10/13/09 @ 23:55 (ME-CC, ME-SCR, ME-VR2, Camarillo-1, Ojai-1, VCMeiners Oaks-1, and Ventura-1).
- Toxicity samples to ABC on 10/14/09 @ 10:40 (ME-CC, ME-SCR, & ME-VR2, Camarillo-1, Ojai-1, VCMeiners Oaks-1, and Ventura-1).
- Grab and composite samples picked up at Saticoy Operations Yard by Essential Courier Services (Alvin Jones) on 10/14/09 @ 13:45 for delivery to Weck Laboratories, Inc.

NPDES 2009/2010 Water Quality Monitoring
Event #2 (Wet), December 7-8, 2009 Summary

Forecasted Rainfall Amounts: 0.5" – 1.5" (coast) to 1.5" – 3.0" (mountains)
Actual Rainfall Amounts: 0.5" – 0.75" (coast) to 1.0" – 2.0" (mountains)
Sampling Durations:
ME-CC = 6.5 hrs. ME-SCR = 23.5 hrs. ME-VR2 = 22.5 hrs.
Camarillo-1 = 4.5 hrs. Ojai-1 = 6.0 hrs. Ventura-1 = 7.5 hrs.
VCMeiners Oaks-1 = 4.0 hrs.
Sampling Crew: Tommy Liddell, Bill Carey, Kelly Hahs

NPDES ~ MASS EMISSION

ME-CC Calleguas Creek (CSUCI Bridge)

- **12/06/09 @ 13:07**
  4230: 1.373', 27 cfs. Outside staff 1.36'.
  2105c: Programmed for flow-paced sampling, 0.75 inch rain forecast. Trigger table based on 200ml/sample puts pacing at 333,333 cf. Sample volume is now 500ml/sample therefore pacing is set at 2.5 times the trigger, equaling 750,000 cf. The trigger for sample enabling is 1.5' flow level, however the 2015c cannot be programmed with a trigger over 214,748 so pacing was set @150,000 cf and the 6712 was programmed to sample every 5 pulses (5x150,000=750,000cf).
  6712: Program flow paced, 1,20L bottle. 5 pulses, no sample at start. 35 samples, 500 ml/sample, no enable, no delay to start. Max run time 36 hours. Changed time PDT to PST. Installed one 20L bottle, iced cooler, lid off. Pump reverse causes bubbles.
- **12/07/09 @ 11:36**
  4230: 1.850", 184 cfs. Outside staff gauge 1.875'
  2105c: Changed sample pacing to 1000 cf.
  6712: "Sample 1 after 5 pulses." Manual sample collected at 11:37. Changed to sample every 400 pulses (400x1,000=400,000cf). "Sample 1 after 400 pulses."
  Grab samples: Taken at check structure @ 12:00pm.
  Field Measurements: Temperature = 13.2° C pH = 7.80
  DO (%) = 80.7 Conductivity = 778 uS Salinity = 0.5 ppt
  DO(mg/L) = 8.44 Specific Conductance = 1003 uS
- **12/08/09 @ 12:00**
  4230: 1.74', 132 cfs.
  6712: Program is completed "Errors have occurred." Sample 21"No more liquid." 631,884 pump counts.
  Composite samples: Pulled composite @ 12:15. Bottle full.
  Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 400 pulses x 1,000 cf = 400,000 cf).

ME-SCR Santa Clara River (Freeman Diversion)

- **12/06/09 @ 12:03**
  4210: -0.008', 0 cfs.
  6712: Changed time to PST. Pump reverse causes bubbles. Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide mouth bottle, 500 ml per sample, no enabling, start date/time 12/07/09 @ 07:00 Monday. Bottle in, lid off, refrigerator at 4° C. Intake line @ trash rack.

- **12/07/09 @ 16:24**
  4210: -0.035', 0 cfs.
  6712: **"**Sample 17 in 00:32:33." Bottle ~ 2/5 full. UCWD had not turned diversion canal out.
  Grab samples: Taken at diversion canal @ 16:30
  Field Measurements: Temperature = 12.3° C pH = 7.80
  DO (%) = 77.6 Conductivity = 915 uS Salinity = 0.6 ppt DO(mg/L) = 8.27 Specific Conductance = 1208 uS
- **12/08/09 @ 13:29**
  6712: Program completed, bottle full. Pump count 257,003.
  Composite samples: Pulled composite @ 13:30. Bottle full.
  Notes: None.

ME-VR2 Ventura River (Ojai Valley Sanitary District)

- **12/06/09 @ 09:34**
  4230: 2.309', 2 cfs. Bubbler out of communication with water.
  2105c: Programmed for flow-paced sampling, 0.75 inch rain forecast. Trigger table based on 200ml/sample puts pacing at 53,000 cf. Sample volume is now 500ml/sample therefore pacing is set at 2/5 the trigger @ 25,000 cf. The trigger for sample enabling is 2.33' flow level. Time is PST.
  6712: Program flow paced, every 1 pulse, no sample at start, 1, 18.5 L bottle, 35 samples, 200 ml/sample (will deliver ~ 400ml/sample), no delay to start, max. run time 36 hrs. Changed time from PDT to PST. Bottle in, lid off, tubing secured with zip ties, refrigerator at 4° C.
- **12/07/09 @ 10:01**
  4230: 2.446', 6 cfs. Confirmed data points.
  2105c: Changed program to send a pulse every 1,000 cf.
  6712: No samples. Manual sample taken @ 10:07. Changed program to sample every 25 pulses (25x1,000=25,000cf).
- **12/07/09 @ 15:03**
  4230: 2.501', 7 cfs.
  6712: "Sample 4 after 18 pulses." Stopped program. Reprogrammed for 10 pulse pacing, 31 samples, therefore total pacing @ 10,000 cf. Bottle ~ 2L.
  Grab samples: Taken at wing wall @ 15:15
  Field Measurements: Temperature = 11.2° C pH = 7.48
  DO (%) = 73.6 Conductivity = 739 uS Salinity = 0.5 ppt
  DO(mg/L) = 8.04 Specific Conductance = 1002 uS
- **12/08/09 @ 1050**
  4230: 2.37', 2 cfs.
  6712: "Sample 21 after 9 pulses." Bottle ~ 10L. Stopped program. Pump Count 423,853.
  Composite samples: Pulled @ 11:00. Bottle ~ 10L.
  Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 25 pulses x 1,000 cf = 25,000 cf).

NPDES 2009/2010 Event #2 (Wet)

NPDES ~ MAJOR OUTFALLS

MO-CAM Camarillo (Camarillo Hills Drain)

- **12/05/09 @ 13:44**
  4230: 0.322', 9 cfs. Bubbler out of communication with water
  2105c: Trigger set to 0.37' level. Pacing set at 40,000cf. Rain forecast at 0.75 inch.
  6712: Changed PDT to PST. Program flow paced, every 1 pulse, no sample at start, 1, 19.2 L bottle, 35 samples, 500 ml/sample, no enable, no sample at enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, refrigerator at 4° C.
- **12/06/09 @ 11:13**
  4230: 0.816', 84 cfs.
  2105c: Set pacing at 1000 cf.
  6712: Changed pulses to 40 (40x1,000=40,000cf). "Sample 1 after 40 pulses."
- **12/07/09 @ 12:22**
  Grab samples: Taken at 12:30 from wing wall on west side.
  Field Measurements: Temperature = 11.9° C pH = 8.26
  DO (%) = 92.4 Conductivity = 82.7 uS Salinity = 0.1ppt
  DO(mg/L) = 9.97 Specific Conductance = 110.5 uS
- **12/08/09 @ 12:53**
  4230: 0.32', 9 cfs.
  6712: "Program disabled." Pump counts 230,966.
  Composite samples: Pulled @ 13:00. Bottle ~ 7 L.
  Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 40 pulses x 1,000 cf = 40,000 cf).

MO-OJA Ojai (Fox Canyon Barranca)

- **12/06/09 @ 07:45**
  4230: 0.091', 1 cfs. Bubbler out of communication with water. Reprogrammed the rating table to account for the invert being different to that of the channel plans. Rainfall predicted at 0.75".
  2105c: Changed time PDT to PST. Set sample enable to trigger at 0.12' level. Set the secondary logging rate for total flow to 0.11'. Sampler pacing interval set to 5,000 cf.
  6712: Program flow paced, every 1 pulse, no sample at start, 1, 18.4 L bottle, 35 samples, 500 ml/sample, max. run time 36 hrs. Program disabled. Bottle in, lid off, guide cap on, refrigerator at 4° C.
- **12/07/09 @ 09:09**
  4230: 0.283', 15 cfs.
  2105c: Changed pacing to 1,000 cf.
  6712: Enabled "Sample after 1 pulse." No samples taken but they should have been. Changed to sample every 10 pulses (10x1,000=10,000 cf). Raised to 10,000 cf due to expectation that most rain is yet to fall. Took manual sample "Sample 1 after 10 pulses."
- **12/07/09 @ 13:24**
  6712: "Sample 20 after 10 pulses." Bottle full to ~ 2" below shoulder.
  Grab samples: Taken at 13:45 from wing wall. Field duplicates (MD-1) taken at 13:45.
  Field Measurements: Temperature = 11.2° C pH = 7.62
  DO (%) = 96.0 Conductivity = 74.8 uS Salinity = 0.1 ppt
  DO(mg/L) = 10.55 Specific Conductance = 110.6 uS

- **12/08/09 @ 10:00**
  4230: 0.09', 1 cfs.
  6712: "Program disabled. Errors have occurred." Stopped program at 10:00. Samples 3,4,17,18,20,24,25 had "No liquid detect." Pump count 289,915.
  Composite samples: Pulled @ 10:00. Bottle full.
  Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 10 pulses x 1,000 cf = 10,000 cf).

MO-MEI Meiners Oaks (Happy Valley Drain)

- **12/06/09 @ 08:56**
  4230: 0.080', 1 cfs. Bubbler out of communication with water. Reprogrammed rating table to match the hydrology section's rating table. Rainfall predicted at 0.75".
  2105c: Checked PDT. Set sample enable trigger at 0.15' level. Pacing set at 5,000 cf.
  6712: Program flow paced, every 1 pulse, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, no enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, tubing secured with zip ties, refrigerator at 4° C.
- **12/07/09 @ 09:34**
  4230: 0.213', 9 cfs.
  2105c: Changed pacing to 1,000 cf.
  6712: Sampler not enabled (program not run after set up). Manual sample taken at 09:37 (large amount of accumulated debris on intake, manually removed it after sample was taken). Changed pulses to 5 (5x1,000=5,000 cf).
- **12/07/09 @ 14:00**
  4230: 0.195', 8 cfs.
  Grab samples: Taken at 14:15 from wing wall.
  Field Measurements: Temperature = 9.7° C pH = 7.71
  DO (%) = 96.2 Conductivity = 85.5 uS Salinity = 0.1 ppt
  DO(mg/L) = 10.82 Specific Conductance = 120.9 uS
- **12/08/09 @ 10:30**
  4230: 0.08', 1 cfs.
  6712: "Program: extended 1 is done."
  Composite samples: Pulled @ 10:30. Bottle full.
  Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 5 pulses x 1,000 cf = 5,000 cf).

MO-VEN Ventura (Moon Ditch)

- **12/06/09 @ 10:14**
  4230: 0.044', 1 cfs. Bubbler out of communication with water. Rainfall predicted at 0.75 inch.
  2105c: Set sample enable trigger at 0.18' level, pacing at 14,000 cf.
  6712: Changed PST to PDT. Program flow paced, every 1 pulse, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, no enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, guide cap on, refrigerator at 4° C.
- **12/07/09 @ 07:25**
  4230: 0.333', 15 cfs.

2105c: Changed to enable when >0.16" level, no rainfall. Changed pacing to 1,000 cf (as a result of troubleshoot findings).
6712: "Sample 1 after 1 pulses." Manual sample taken at 07:27. Sampler enabled, no samples taken but there should have been. Changed pulses to 20 (as a result of troubleshoot findings).
Trouble shoot: Changed pacing to 1,000 cf to test pulse delivery. Flow at 20 cfs should trigger ~ 1 sample/minute. Manual sample taken at 07:53. Program resumed and automatically sampled at 07:53, 07:55: 07:57, 07:59, 08:31. Determined that 2105c cannot handle high pacing numbers so dropped pacing to 1,000 cf and set pulses to 20 on 6712 (20x1,000=20,000 cf). Raised pacing to 20,000 cf because the heaviest part of the storm has not arrived yet. Reset sampler to take 28 samples.

- **12/07/09 @ 10:59**
  4230: 0.649', 46 cfs.
  6712: "Sample 14 after 2 pulses." Bottle ~ 11 L.
- **12/07/09 @ 15:45**
  Grab samples: Taken at 16:00 from wing wall.
  Field Measurements: Temperature = 12.7° C pH = 7.69
  DO (%) = 90.7 Conductivity = 106.2 uS Salinity = 0.1 ppt
  DO(mg/L) = 9.61 Specific Conductance = 138.8 uS
- **12/07/09 @ 17:55**
  Grab samples: Oil & Grease taken at 17:55 (missed during initial grab sampling) from wing wall.
- **12/08/09 @ 11:19**
  4230: 0.040', 1 cfs.
  6712: No liquid after sample 27.
  Composite samples: Pulled @ 11:30. Bottle full.
  Notes: Determined that 2105c cannot handle high pacing numbers so pacing will be set at 1,000 cf in the 2105c and the pulses in the 6712 will be changed (used as a multiplier) to obtain the appropriate pacing volume (i.e. 20 pulses x 1,000 cf = 20,000 cf).

Sample Tracking

Bacteria samples to VCHCA (Susan Benavides) on 12/07/09 @ 17:35 (ME-CC, ME-SCR, ME-VR2, MO-CAM, MO-OJA, MO-MEI, and MO-VEN).
Toxicity samples to ABC (Michael Machuzak) on 12/07/09 @ 18:30 (ME-CC, ME-SCR, ME-VR2, MO-CAM, MO-OJA, MO-MEI, and MO-VEN).
Grab and composite samples picked up at the Saticoy Operations Yard by Weck-provided courier (Christian) on 12/08/09 @ 13:50 for delivery to Weck Laboratories, Inc.

NPDES 2009/2010 Water Quality Monitoring Event #3 (Wet), February 4-6, 2010 Summary

Forecasted Rainfall Amounts: 0.5" – 1.50" (coast) to 1.50" – 3.0" (mountains)
Actual Rainfall Amounts: 0.5" – 1.0" (coast) to 1.0" – 1.5" (mountains)
Sampling Durations:

ME-CC = 18.0 hrs.	ME-SCR = not sampled	ME-VR2 = 8.0 hrs.
MO-CAM = 7.0 hrs.	MO-OJA = 12.5 hrs.	MO-MEI= 14.5 hrs.
MO-VEN = 9.5 hrs.		

Sampling Crew: Tommy Liddell, Kelly Hahs, Bill Carey, Elizabeth Martinez, Arne Anselm, Erica Eisch

NPDES ~ MASS EMISSION

ME-CC Calleguas Creek (CSUCI Bridge)

- **02/04/10 @ 11:18**
  4230: 1.368', 26 cfs.
  2105c: Programmed for flow-paced sampling, 1.25 inch rain forecast, moderate antecedent conditions, pacing set at 2,000,000 cf. The trigger for sample enabling is 1.6' flow level, however the 2105c cannot be programmed with a trigger over 214,748 so pacing set @1,000 cf and 6712 programmed to sample every 2,000 pulses (2,000x1,000=2,000,000cf).
  6712: Installed new pump tube, reset pump count, calibrated: (1) 500 ml→ 435 ml, (2) 400 ml → 390 ml, cleaned with HNO3 and DI. Program flow paced; 1, 18.5 L bottle; 2,000 pulses; no sample at start; 35 samples; 500 ml/sample; sample at enable; no delay to start. Max run time 36 hours. Installed one 18.5 L bottle, returned @ 16:35 to ice down bottle, remove lid.
  2/05/10 @ 11:42
  4230: 1.909", 206 cfs. Outside staff gauge 1.90'
  6712: "Sample 2 after 1220 pulses." Bottle ~ 500ml. Manual sample collected at 12:14. Changed to sample every 1000 pulses (1,000x1,000=1,000,000cf). "Sample 1 after 1,000 pulses."
  Grab samples: Taken at check structure @ 11:50 pm.
  Field Measurements: Temperature = 14.2° C pH = 7.78
  DO (%) = 88.2 Conductivity = 668 uS Salinity = 0.4 ppt
  DO(mg/L) = 9.02 Specific Conductance = 855 uS
- **02/05/10 @ 16:34**
  2105c: Remotely changed pacing from 1,000 cf to 750 cf (750,000 cf pacing).
- **02/06/10 @ 12:56**
  4230: 2.511', 596 cfs.
  6712: "Program: flow paced is done", pump count @ 350,043.
  Composite samples: Pulled composite @ 12:55. Bottle full.
  Notes: Remotely changed pacing back to 1,000 cf on 02/18/10 @ 07:42.

ME-SCR Santa Clara River (Freeman Diversion)

- **02/04/10 @ 10:16**
  4210: 0.122', 7 cfs.
  6712: Pump count at 257,000. Cleaned with nitric and distilled water. Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide

mouth bottle, 500 ml per sample, once enabled, stay enabled, no delay to start. Bottle in, lid off, refrigerator at 4° C. Intake line @ trash rack.
2105c: Needs adjusted for start time of 2/5/10 at 10 a.m.

- **02/05/10 @ 13:02**
  4210: 0.177', 13 cfs.
  6712: **"**Sample 15 in 00:29:14." Bottle ~ 4L.
  Grab samples: Taken at diversion canal @ 13:25
  Field Measurements: Temperature = 12.9° C pH = 8.02
  DO (%) = 92.2 Conductivity = 757 uS Salinity = 0.5 ppt
  DO(mg/L) = 9.03 Specific Conductance = 983 uS
- **02/06/10 @ 13:51**
  6712: "Program: Flow-paced is done." Tubing came out of jar opening and was not delivering sample to bottle. Pump counts 377,328.
  Composite samples: Pulled composite @ 13:50. Bottle only ~ 4L which is insufficient for analyses. Sample discarded and site will be sampled next rain event as 3A.
  Notes: To be sampled next storm. Grab samples (except bacteriologicals) voided and will be included in Event 3A.

ME-VR2 Ventura River (Ojai Valley Sanitary District)

- **02/04/10 @ 10:22**
  4230: 2.863', 30 cfs. Outside staff 2.86', replaced desiccant.
  2105c: Programmed for flow-paced sampling, 1.5 inch rain forecast, moderate antecedent conditions. 200 ml grab sample gives 350 ml, therefore 642,857 pacing set at 500,000.
  6712: Calibrated pump 1) 200 ml → 350 ml, 2) 200 ml → 350 ml, 3) 300 ml → 335 ml, 4) 300 ml→ 350 ml, 5) 400 ml → 340 ml, and 6) 400 ml → 350 ml. Cleaned with HNO3 and distilled water. Program flow-paced ME-VR2, 1, 18.5L bottle, flow paced, 500 pulses, no sample at start, 40 samples, 200ml per sample, 36 hours run time, run program. Bottle in, guide cap on, refrigerator at 4° C.
- **02/05/10 @ 07:30, 14:03, 15:12**
  2105c: Remotely programmed: 07:30 changed enable to 3.0' (from 3.2'); 14:03 changed program to send a pulse every 500 cf (from 1,000 cf), 15:12 changed pulse from 500 cf to 250 cf.
- **02/05/10 @ 0844**
  4230: 2.910', 36 cfs.
  6712: Tried to enable program but battery on laptop uncharged, no changes made.
- **02/05/10 @ 11:36**
  4230: 3.033', 52 cfs.
  6712: Enabled at 10:49. "Sample 4 after 44 pulses."
  Grab samples: Taken at wing wall @ 11:45.
  Field Measurements: Temperature = 12.7° C pH = 7.89
  DO (%) = 81.3 Conductivity = 743 uS Salinity = 0.5 ppt
  DO(mg/L) = 8.59 Specific Conductance = 971 uS
- **2/6/10 @ 10:55**
  4230: 3.254', 90 cfs.
  6712: "Program done at 18:36FR Feb5". Sampler turned off, fridge turned up.
  Composite samples: Pulled @ 10:55. Bottle full to shoulder.

NPDES 2009/2010 Event #3 (Wet)

NPDES ~ MAJOR OUTFALLS

MO-CAM Camarillo (Camarillo Hills Drain)

- **2/4/10 @ 12:05**
  4230: 0.320', 9 cfs. Bubbler out of communication with water. Changed desiccant. Cleaned rain gage.
  2105c: Rain forecast at 1.1-1.2 inch. Pacing from RTR table is 80,000.
  6712: Pump count 230,966. Cleaned with HNO3 and distilled water. Program flow paced, every 80 pulses, no sample at start, 1, 19.2 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, refrigerator at 4° C.
- **2/5/10 @ 11:15**
  4230: 0.476', 26 cfs.
  6712: "Sample 12 after 59 pulses." Bottle ~ 1/3 full.
  Grab samples: Taken at 11:00 from wing wall on west side.
  Field Measurements: Temperature = 14.0° C pH = 8.66 (twice)
  DO (%) = 93.8 Conductivity = 46.3 uS Salinity = 0.0 ppt
  DO(mg/L) = 9.70 Specific Conductance = 60.8 uS
- **2/6/10 @ 13:16**
  4230: 0.321', 9 cfs.
  6712: "Program flow paced is done." Pump counts 300,072. Turned pump head off.
  Composite samples: Pulled @ 13:15. Bottle full to 2" below shoulder.

MO-OJA Ojai (Fox Canyon Barranca)

- **2/4/10 @ 12:13**
  4230: 0.091', 1 cfs. Bubbler out of communication with water. Replaced desiccant. Rainfall predicted at 2.0", moderate antecedent conditions. Pacing targeted at 50,000 cf.
  2105c: Sampler pacing interval set to 1,000 cf.
  6712: Calibrated 1) 500 ml → 500 ml, cleaned with HNO3 and distilled water. Program flow paced, every 50 pulses, no sample at start, 1, 18.4 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 36 hrs. Run program. Bottle in, lid off, guide cap on, refrigerator at 4° C.
- **2/5/10 @ 10:09**
  4230: 0.136', 3 cfs.
  6712: Enabled "Sample 5 after 15 pulses." Flow/rainfall less than expected so reprogrammed 6712 to sample every 20 pulses (20x1,000=20,000 cf). Collected two manual samples (both had liquid detection errors after ~300 ml). Suspect flow level is insufficient due to inputs from athletic club parking lot outfall pushing flow away from the intake.
  Grab samples: Taken at 10:15 from wing wall. Field duplicates (MD-1) taken at 10:15.
  Field Measurements: Temperature = 11.5° C pH = 7.86
  DO (%) = 98.4 Conductivity = 149.2 uS Salinity = 0.1 ppt
  DO(mg/L) = 10.70 Specific Conductance = 212.2 uS
- **2/6/10 @ 11:36**
  4230: 0.090', 1 cfs.
  6712: "Program disabled. Errors have occurred." Pump count 352,452. Turned fridge up and pump head off.
  Composite samples: Pulled @ 11:35. Bottle ~ 6L.

NPDES 2009/2010 Event #3 (Wet)

MO-MEI Meiners Oaks (Happy Valley Drain)

- **2/4/10 @ 13:35**
  4230: 0.080', 1 cfs. Bubbler out of communication with water. Rainfall predicted at 2", moderate antecedent conditions, 50,000cf pacing.
  6712: Cleaned with HNO3 and distilled water. Program flow paced, every 50 pulses, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 36 hrs. Run program. Bottle in, lid off, guide cap on, refrigerator at 4° C.
- **2/5/10 @ 10:56**
  4230: 0.201', 8 cfs.
  6712: "Errors have occurred during program." Errors probably due to dry intake. "Sample 8 after 39 pulses." Collected manual grab sample. Changed pulses to 20 (20x1,000=20,000 cf) and number of samples to 30, restarted program.
  Grab samples: Taken at 11:00 from wing wall.
  Field Measurements: Temperature = 11.7° C pH = 7.92
  DO (%) = 94.9 Conductivity = 107.9 uS Salinity = 0.1 ppt
  DO(mg/L) = 10.50 Specific Conductance = 144.1 uS
- **2/6/10 @ 11:18**
  4230: 0.079', 1 cfs.
  6712: "Program: extended 1 is done." Pump counts at 260,634. Turned refrigerator up and pump head off.
  Composite samples: Pulled @ 11:20. Bottle full to 1" above shoulder.

MO-VEN Ventura (Moon Ditch)

- **2/4/10 @ 13:36**
  4230: 0.040', 1 cfs. Bubbler out of communication with water. Rainfall predicted at 1.25 inch. RTR is 45,000.
  6712: Pump tube count 263,853. Cleaned with HNO3 and distilled water. Program flow paced, every 45 pulses, no sample at start, 1, 19 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 36 hrs. Bottle in, lid off, guide cap on, refrigerator at 4° C.
- **2/5/10 @ 8:53**
  4230: 0.627', 43 cfs.
  6712: "Sample 10 after 41 pulses." Bottle ~ 4 inches from bottom.
  Grab samples: Taken at 9:10 from wing wall (not bacteriologicals, bottle missing).
  Field Measurements: Temperature = 12.8° C pH = 7.07
  DO (%) = 95.3 Conductivity = 54.9 uS Salinity = 0.0 ppt
  DO(mg/L) = 10.10 Specific Conductance = 72.0 uS
- **2/5/10 @ 10:27**
  4230: 0.731', 56 cfs.
  6712: "Sample 14 after 28 pulses." Bottle ~ ¼ full.
  Grab samples: Bacteriologicals taken at 10:25 (missed during initial grab sampling) from wing wall.
- **2/6/10 @ 12:29**
  4230: 0.514', 31 cfs.
  6712: "Program: Flow paced is done." Pump counts at 358,125. Turned pump head off.
  Composite samples: Pulled @ 12:30. Bottle full to 3" from top.

Sample Tracking

Bacteria samples to VCHCA (Susan Benavides):
02/06/10 @ 14:53: ME-CC, ME-SCR, MO-CAM, and MO-VEN) by Kelly Hahs and Arne Anselm.
02/06/10 @ 12:45: ME-VR2, MO-OJA, MO-MEI, and MD-1 by Tommy Liddell and Erica Eisch.
Grab and composite samples picked up at the Saticoy Operations Yard by Weck-provided courier (Amir Levy from RMS) on 02/06/10 @ 15:00 for delivery to Weck Laboratories, Inc.

NPDES 2009/2010 Water Quality Monitoring
Event #3A (Wet), February 19-22, 2010 Summary

Forecasted Rainfall Amounts: 0.33" – 0.75" (coast) to 1.0" – 1.50" (mountains)
Actual Rainfall Amounts: 0.25" (coast) to 0.25" (mountains)
Sampling Durations:
ME-SCR = 23.0 hrs
Sampling Crew: Tommy Liddell, Bill Carey

NPDES ~ MASS EMISSION

ME-SCR Santa Clara River (Freeman Diversion)

- **02/19/10 @ 7:28**
  2105c: Remote access, confirmed sampler logging, set sampler enable trigger to "time table" 2/19/10 @ 20:00 to 2/20/10 @ 20:00.
- **02/19/10 @ 10:28**
  6712: Cleaned with nitric and distilled water. Cleaned inside of refrigerator. Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide mouth bottle, 500 ml per sample, sample at enable, no delay to start. Program run. Bottle in, lid off, refrigerator at 4° C. Intake line @ trash rack.
- **02/20/10 @ 9:20**
  4210: 0.161', 12 cfs.
  6712: **"**Sample 21 in 00:18:26." Bottle ~ 10 L
  Notes: Diversion canal and fish ladder fully open. Flow over weir, roller gate open ¼.
  Grab samples: Taken at diversion canal @ 09:30
  Field Measurements: Temperature = 11.1 °C pH = 8.19
  DO (%) = 93.9 Conductivity = 761 uS Salinity = 0.5 ppt
  DO(mg/L) = 10.29 Specific Conductance = 1025 uS
- **02/22/10 @ 10:05**
  6712: "Program: Flow-paced is done."
  Composite samples: Pulled composite @ 10:05. Bottle full to shoulder.

Sample Tracking

Bacteria samples to VCHCA (Susan Benavides): not taken, results from Event 3A to be used.
Grab and composite samples picked up at the Saticoy Operations Yard by Weck-provided courier (Amir Levy? from RMS?) on 02/22/10 @ 11:00 for delivery to Weck Laboratories, Inc.

NPDES 2009/2010 Water Quality Monitoring
Event #4 (Dry), March 17-18, 2010 Summary

Forecasted Rainfall Amounts: None
Actual Rainfall Amounts: None
Sampling Durations:

ME-CC = 22.5 hrs.	ME-SCR = 23.5 hrs.	ME-VR2 = 23.0 hrs.
MO-CAM = 22.0 hrs.	MO-OJA = 23.0 hrs.	MO-MEI= 22.5 hrs.
MO-VEN = 22.0 hrs.		

Sampling Crew: Tommy Liddell, Kelly Hahs, Bill Carey, Elizabeth Martinez

NPDES ~ MASS EMISSION

ME-CC Calleguas Creek (CSUCI Bridge)

- **03/17/10 @ 11:02**
  Notes: Flow-paced sampling, pacing calculated 20 cfs x 60 sec/min x (24 hours x 60 mins/hr)/35 samples = 49,200 cf pacing = 49 pulses at 1,000 cf/pulse.
  4230: 1.317', 18 cfs.
  2105c: Set to send pulse every 1,000 cf.
  6712: Calibrated: (1) 500 ml→ 450 ml, (2) 500 ml → 500 ml, cleaned with HNO3 and distilled water. Program flow paced; 1, 18.5 L bottle; 49 pulses; sample at start; 35 samples; 500 ml/sample; sample at enable; no delay to start. Max run time 24 hours. Run program. Installed one 18.5 L bottle, lid off, iced.
  Grab samples: Taken at check structure @ 12:15 p.m.
  Field Measurements: Temperature = 22.7° C pH = 7.99
  DO (%) = 105.3 Conductivity = 1607 uS Salinity = 0.9 ppt
  DO(mg/L) = 9.25 Specific Conductance = 1723 uS
- **03/18/10 @ 10:17**
  4230: 1.289', 14 cfs.
  6712: "Sample 26 after 22 pulses", program stopped @ 11:20.
  Composite samples: Pulled composite @ 11:20. .

ME-SCR Santa Clara River (Freeman Diversion)

- **3/17/10 @ 7:14**
  4210: 0.151', 11 cfs.
  6712: Calibrated 1) 500 ml → 500 ml. Cleaned with 1% HNO3 and distilled water. Bottle in, lid off, sample line secured to bottle with zip ties, refrigerator at 4° C. Programmed for 24 hour time-paced sampling, 41 min pacing per sample, 35 samples, 1, 18.5 L wide mouth bottle, 500 ml per sample, sample at enable, no delay to start. Run program. Intake line @ trash rack. Sample 1 taken @ 7:32, volume good. "Sample 2 in 00:38:25."
  Grab samples: Taken at diversion canal @ 08:50
  Field Measurements: Temperature = 12.0 °C pH = 8.17
  DO (%) = 101.2 Conductivity = 859 uS Salinity = 0.6 ppt
  DO(mg/L) = 10.80 Specific Conductance = 1139 uS
- **03/18/10 @ 07:14**
  6712: "Program: Flow-paced is done." Last sample at 06:46. Pump counts 629,313.
  Composite samples: Pulled composite @ 08:15, bottle full.

NPDES 2009/2010 Event #4 (Dry)

ME-VR2 Ventura River (Ojai Valley Sanitary District)

- **03/17/10 @ 09:15**
  4230: 2.995', 48 cfs.
  2105c: Programmed for flow-paced sampling,
  6712: Pump count at 755,179 so changed pump tubing and reset count to zero. Calibrated pump 1) 200 ml → 600 ml, 2) 200 ml → 600 ml. Cleaned with HNO3 and distilled water. Bottle in, guide cap on, refrigerator at 4°C. Calculated pacing using total flow = 50 cfs x 60 sec/min x 60 cfh x 24 hr = 43,200,000 cf/24 hrs. Pacing at 43,200,000/35 samples = 123,429 cf, rounded to 120,000cf, or 120 pulses at 1,000 cf/pulse. Program flow-paced ME-VR2, 1, 18.5L bottle, flow paced, 120 pulses, sample at start, 35 samples, 200ml per sample (=~600 ml), 24 hours run time, run program. Watched first sample @ 10:23. Volume good.
  Grab samples: Taken at wing wall @ 10:40.
  Field Measurements: Temperature = 13.6 °C pH = 8.12
  DO (%) = 114.2 Conductivity = 746 uS Salinity = 0.5 ppt
  DO(mg/L) = 11.84 Specific Conductance = 957 uS
- **03/18/10 @ 09:16**
  4230: 2.977', 46 cfs.
  6712: "Sample 33 after 39 pulses." Program stopped at 09:18. Need to remember to adjust number of samples down due to extra volume in each aliquot of water. Fridge turned up.
  Composite samples: Pulled @ 10:20. Bottle full to shoulder but just below silicone line so none pumped back.

NPDES ~ MAJOR OUTFALLS

MO-CAM Camarillo (Camarillo Hills Drain)

- **03/17/10 @ 14:00**
  Notes: Installed sand-weighted silicone dam.
  4230: 0.321', 9 cfs. Bubbler out of communication with water.
  6712: Installed calibration line, pulled 1 sample into beaker to ensure sample volume. Pump count 311,651. Cleaned with HNO3 and distilled water. Bottle in, lid off, refrigerator at 4° C. Program time paced, 1, 19.2 L bottle, 70 samples, 250 ml/sample, sample at enable, no delay to start, max. run time 24 hrs. Run program. First sample @ 14:19, volume good.
  Grab samples: Taken at 14:15 from channel bottom.
  Field Measurements: Temperature = 28.4 °C pH = 9.90
  DO (%) = N/A Conductivity = 2507 uS Salinity = 1.2 ppt
  DO(mg/L) = N/A Specific Conductance = 2356 uS
- **03/18/10 @ 10:41**
  Notes: Removed sand-weighted silicone dam and sandbags, retracted silicone line.
  6712: Program stopped @ 11:44.
  Composite samples: Pulled @ 11:45. Bottle full to silicone line, likely some water pumped reverse. 2" below shoulder.

MO-OJA Ojai (Fox Canyon Barranca)

- **03/17/10 @ 07:44**
  Notes: Scrubbed algae from channel, installed sand-weighted silicone dam, waited 5 mins to pull grabs.

4230: 0.089', 1 cfs.
6712: Pump count 356,559. Installed calibration Teflon line, cleaned with HNO3 and distilled water. Program time paced, 1, 18.4 L bottle, 41 min/sample, 35 samples, 500 ml/sample, sample at enable, no delay to start, max. run time 24 hrs. Run program. Bottle in, lid off, refrigerator at 4° C.
Grab samples: Taken at 09:15 from channel bottom.
Field Measurements: Temperature = 12.4° C pH = 7.89
DO (%) = 110.9 Conductivity = 589 uS Salinity = 0.4 ppt
DO(mg/L) = 11.82 Specific Conductance = 774 uS

- **03/18/10 @ 08:07**
  Notes: Removed sand-weighted silicone dam, sand bags, and Teflon line.
  4230: 0.091', 1 cfs.
  6712: "Program flow-paced is done." (Note: program name only, actual programming was time-paced). Turned fridge temperature up.
  Composite samples: Pulled @ 09:15. Bottle full, water up to silicone line indicates that some water may have been pumped back into the channel from bottle, need to check calibration.

MO-MEI Meiners Oaks (Happy Valley Drain)

- **03/17/10 @ 08:57**
  Notes: Cleaned algae from channel. Installed sand-weighted silicone dam. Allowed water to clear ~ 5 minutes.
  4230: 0.083', 1 cfs. Bubbler out of communication with water.
  6712: Pump count 266,371. Installed Teflon calibration line, cleaned with HNO3 and distilled water. Bottle in, lid off, guide cap on, refrigerator at 4° C. Program time paced, 41 min/sample, 1, 19 L bottle, 35 samples, 500 ml/sample, sample at enable, no delay to start. Run program. First sample @ 09:37, volume good.
  Grab samples: Taken at 10:15 from channel bottom.
  Field Measurements: Temperature = 12.3 °C pH = 8.48
  DO (%) = 105.0 Conductivity = 1089 uS Salinity = 0.7 ppt
  DO(mg/L) = 11.15 Specific Conductance = 1437 uS
- **03/18/10 @ 08:35**
  4230: 0.081', 1 cfs.
  6712: "Sample 35 in 14:58." Program stopped @ 08:36Turned refrigerator up and pump head off.
  Composite samples: Pulled @ 09:40. Bottle full to silicone tubing inlet. Line indicates some water may have been pumped out of the bottle, need to check calibration.
  Notes: Silicone "dam" and sandbags removed from channel. Calibration line removed and original intake reconnected.

MO-VEN Ventura (Moon Ditch)

- **03/17/10 @ 10:35**
  Notes: Cleaned algae from channel. Installed sand-weighted silicone dam.
  4230: 0.041', 1 cfs. Bubbler out of communication with water.
  6712: Installed Teflon calibration line and cleaned with HNO3 and distilled water. Bottle in, lid off, guide cap on, refrigerator at 4 °C. Program time paced, 1, 19 L bottle, 20 min/sample, 70 samples, 250 ml/sample (due to very small "pool" behind dam), sample at enable, no delay to start, max. run time 24 hrs. First sample taken @ 12:30, volume good.

Grab samples: Taken at 12:15 from channel bottom.
Field Measurements: Temperature = 28.0° C pH = 9.63
DO (%) = N/A Conductivity = 77.3 uS Salinity = 0.0 ppt
DO(mg/L) = N/A Specific Conductance = 67.2 uS

- **03/18/10 @ 09:46**
  Notes: Removed silicone "dam", sandbags, and calibration line from channel.
  4230: 0.104', 2 cfs.
  6712: "Sample 68 after 03:07."
  Composite samples: Pulled @ 10:50. Bottle full, need to recalibrate due to upcoming samples which would have forced water to be pumped back out of bottle.

Sample Tracking

Bacteria samples to VCHCA (Susan Benavides):
03/17/10 @ 13:10: ME-CC, ME-SCR, and ME-VR2 by Kelly Hahs.
03/17/10 @ 14:42: MO-CAM, MO-OJA, MO-MEI, and MO-VEN by Tommy Liddell and Bill Carey.
Grab and composite samples picked up at the Saticoy Operations Yard by Weck-provided courier (Amir Levy from RMS) on 03/18/10 @ 14:05 for delivery to Weck Laboratories, Inc.

Appendix E. Chain-of Custody Forms

Chain of Custody Record

Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 10/13/09 Sample Event: EVENT #1 (WET)

Sampling Team: T. LIDDELL, W.B. CAREY, K. HAHS

LAB USE ONLY	SAMPLE ID	DATE/TIME COLLECTED	Total Coliform (25 Tube Method - MPNX)	Fecal Coliform (25 Tube Method - MPNX)	Enterococcus (Tray Method - WQ IDEXX)	*E. coli* (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IDEXX)			Number of Bottles	NOTES
	ME-CC	10/13/09 1845	X	X	X	X	X			1	
	ME-SCR	10/13/09 2245	X	X	X	X	X			1	
	ME-VR2	10/13/09 2150	X	X	X	X	X			1	
	Camarillo-1	10/13/09 1830	X	X	X	X	X			1	
	Ojai-1	10/13/09 2050	X	X	X	X	X			1	
	VCMeiners Oaks-1	10/13/09 2015	X	X	X	X	X			1	
	Ventura-1	10/13/09 2315	X	X	X	X	X			1	
	~~MB-1~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~			1	

Relinquished Printed Name: Tommy Liddell

Signature: Tommy Liddell

Affiliation: VCWPD Date/Time: 10/13/09 1155

Received Printed Name: Susan Benavides

Signature:

Affiliation: PHL Lab Date/Time: 10/13/09 1155

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Toxicity - ABC Laboratories

Sampling Date: 10/13/09 Sample Event: EVENT 1

Sampling Team: K. HAHS, T. LIDDELL, WB CAREY

SAMPLE ID	DATE/TIME COLLECTED	Chronic toxicity - topsmelt (*Atherinops affinis*)	Chronic toxicity - giant kelp (*Macrocystis pyrifera*)	Chronic toxicity - purple sea urchin (*Strongylocentrotus purpuratus*)	Chronic toxicity - fathead minnow (*Pimephales promelas*)	Chronic toxicity - daphnid (*Ceriodaphnia dubia*)	Chronic toxicity - green alga (*Raphidocelis subcapitata*)	Number of 5-Gallon Buckets	NOTES
ME-CC	10/13/09 18:45	X	X	X				2	Note 1
ME-SCR	10/13/09 22:45	X	X	X				2	Note 1
ME-VR2	10/13/09 21:50	X	X	X				2	Note 1
Camarillo-1	10/13/09 18:30				X	X	X	2	Note 1
Ojai-1	10/13/09 20:50				X	X	X	2	Note 1
VCMeiners Oaks-1	10/13/09 20:15				X	X	X	2	Note 1
Ventura-1	10/13/09 23:15				X	X	X	2	Note 1

Relinquished Printed Name KELLY HAHS

Signature [signature]

Affiliation VCWPD Date/Time 10/14/09 / 10:40

Received Printed Name E. MATHENY

Signature [signature]

Affiliation _____ Date/Time 10-14-09 1040

Other Notes: Note 1: Please execute TIE if mortality >50%

Dilutions 6.25, 12.5, 25, 50, 100%

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 10/13/09 Sample Event: #1 (WET)

Sampling Team: T. LIDDELL, W.B. CAREY, K. HAHS

SAMPLE ID	DATE/TIME COLLECTED	Oil & Greae (EPA 1664A)	Cyanide (EPA 335.4)	O&G-NP (EPA 1664)	MTBE & 2CLEVE (EPA 524.2)	Mercury (EPA 1613)	pH (SM4500 H+ B)						Number of Bottles	NOTES
ME-CC	10/13/09 1845	X	X	X	X	X	X						9	TEMP. = 19.3°C
ME-SCR	10/13/09 2245	X	X	X	X	X	X						9	TEMP. = 17.6°C
ME-VR2	10/13/09 2150	X	X	X	X	X	X						9	TEMP. = 17.2°C
Camarillo-1	10/13/09 1830	X	X	X	X	X	X						9	TEMP. = 18.6°C
Ojai-1	10/13/09 2050	X	X	X	X	X	X						9	TEMP. = 17.0°C
VCMeiners Oaks-1	10/13/09 2015	X	X	X	X	X	X						9	TEMP. = 17.1°C
Ventura-1	10/13/09 2315	X	X	X	X	X	X						9	TEMP. = 18.3°C
~~MB-1~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~						9	

Relinquished Printed Name TOMMY LIDDELL

Signature T Liddell

Affiliation VCWPD Date/Time 10/14/09 1345

Received Printed Name ALVIN JONES

Signature Alvin Jones

Affiliation ESSENTIAL Date/Time 10/14/09 1:45

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 10/14/09 Sample Event: #1 (WET)

Sampling Team: T. LIDDELL, W.B. CAREY, K. HAHS

SAMPLE ID	DATE/TIME COLLECTED	Metals, total & dissolved (+ Hardness)	Cr+6, Tot. & Diss.	BOD, COD, MBAS, TKN, Ammonia, TOC	NO3, NO3+NO2 (353.2), Cl, F (300.0)	Phosphorus-P Total & Dissolved	Phenolics, Chlorine Residual	608-CTR, 625-CTR	515.3-Herb 547-Glyphosate	525.2 Reg+507, 525-OPP-LL	ALK, CLO4, Turb, TDS, TSS, VSS			Number of Bottles	NOTES
ME-CC	10/14/09 1100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			1	
ME-SCR	10/14/09 1145	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			1	
ME-VR2	10/14/09 1300	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			1	
Camarillo-1	10/14/09 1240	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			1	
Ojai-1	10/14/09 1220	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			1	
VCMeiners Oaks-1	10/14/09 1240	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			1	
Ventura-1	10/14/09 1110	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			1	
~~MB-1~~														1	

Metals, Total & Dissolved: Ag, Al, As, Ba, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg

Metals, Total (only): Ca, Mg (for Hardness calc.)

Relinquished Printed Name: Tammy LIDDELL

Signature: TLiddell

Affiliation: VCWPD Date/Time: 10/14/09 1345

Received Printed Name: Alvin Jones

Signature: Alvin Jones

Affiliation: ESSENTIAL Date/Time: 10/14/09 1:45

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date: 10/14/09 Sample Event: #1 (WET)

Sampling Team: T. LIDDELL, W.B. CAREY, K. HAHS

EQUIPMENT	NUMBER OF PIECES	NOTES
19 L carboy (narrow-mouth)	III 3	Note 1
19 L carboy (narrow-mouth) lid (#holes/#no holes)	0/3 III	Note 1
18.5 L carboy (wide-mouth)	IIII 4	Note 1
18.5 L carboy (wide-mouth) lid (#holes/#no holes)	III 3/4 III	Note 1
Plastic/nylon keeper for narrow-mouth bottles	III 3	
Blue cube cooler	IIII 6	
Black bags	IIII 6	

Relinquished Printed Name: TOMMY LIDDELL

Signature: Liddell

Affiliation: VCWPD Date/Time: 10/14/09 1345

Received Printed Name: ALVIN JONES

Signature: A.R. Jones

Affiliation: ESSENTIAL Date/Time: 10/14/09 1:45

Other Notes: Note 1: Please clean per SOP

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 12/7/09 Sample Event: #2 (WET)

Sampling Team: T. LIDDELL, W.B. CAREY, K. HAHS

LAB USE ONLY	SAMPLE ID	DATE/TIME COLLECTED	Total Coliform (25 Tube Method - MPNX)	Fecal Coliform (25 Tube Method - MPNX)	Enterococcus (Tray Method - WQ IDEXX)	*E. coli* (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IDEXX)			Number of Bottles	NOTES
	ME-CC	12/7/09 12:00	X	X	X	X	X			1	
	ME-SCR	16:30	X	X	X	X	X			1	
	ME-VR2	15:15	X	X	X	X	X			1	
	MO-Cam-1	12:30	X	X		X	X			1	
	MO-Ojai-1	13:45	X	X		X	X			1	
	MO-MOaks-1	14:15	X	X		X	X			1	
	MO-Ven-1	16:00	X	X		X	X			1	
	~~MD-1~~ MD-1	13:45	X	X		X	X			1	

Relinquished Printed Name: TOMMY LIDDELL

Signature: T Liddell

Affiliation: VCWPD Date/Time: 12/7/09 1735

Received Printed Name: Susan Penn 12/7/09 1735

Signature:

Affiliation: Date/Time:

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Toxicity - ABC Laboratories

Sampling Date: 12/7/09 Sample Event: #2 (WET)

Sampling Team: T. LIDDELL, W.B. CAREY, K. HAHS

SAMPLE ID	DATE/TIME COLLECTED	Chronic toxicity - topsmelt (*Atherinops affinis*)	Chronic toxicity - inland silverside (*Menidia beryllina*)	Chronic toxicity - giant kelp (*Macrocystis pyrifera*)	Chronic toxicity - purple sea urchin (*Strongylocentrotus purpuratus*)	Chronic toxicity - fathead minnow (*Pimephales promelas*)	Chronic toxicity - daphnid (*Ceriodaphnia dubia*)	Chronic toxicity - green alga (*Raphidocelis subcapitata*)	Number of 5-Gallon Buckets	NOTES
ME-CC	12/7/09 12:00	X	X	X	X				2	Note 1, Note 2
ME-SCR	16:30	X	X	X	X				2	Note 1, Note 2
ME-VR2	15:15	X	X	X	X				2	Note 1, Note 2
MO-Cam-1	12:30					X	X	X	2	Note 1, Note 2
MO-Ojai-1	13:45					X	X	X	2	Note 1, Note 2
MO-MOaks-1	14:15					X	X	X	2	Note 1, Note 2
MO-Ven-1	16:00					X	X	X	2	Note 1, Note 2

Relinquished Printed Name: TOMMY LIDDELL

Signature: [signature]

Affiliation: VCWPD Date/Time: 12/7/09 18:30

Received Printed Name: Michael Machuzak

Signature: [signature]

Affiliation: ABCL Date/Time: 12/7/09

Other Notes: Note 1: Dilutions - 6.25%, 12.5%, 25%, 50%, 100%

Note 2: Please execute TIE if mortality > 50%

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 12/7/09 Sample Event: #2 (WET)

Sampling Team: T. LIDDELL, W. B. CREY, K. HAHS

SAMPLE ID	DATE/TIME COLLECTED	Oil & Greae (EPA 1664A)	Cyanide (EPA 335.4)	O&G-NP (EPA 1664A)	MTBE & 2CLEVE (EPA 524.2)	Travel Blanks (EPA 524.2)-only analyze if hits	Mercury (EPA 245.1)	pH (SM4500 H+ B)						Number of Bottles	NOTES
ME-CC	12/7/09 12:00	X	X	X	X	X	X	X						11	
ME-SCR	16:30	X	X	X	X	X	X	X						11	
ME-VR2	15:15	X	X	X	X	X	X	X						11	
MO-Cam-1	12:30	X	X	X	X	X	X	X						11	
MO-Ojai-1	13:45	X	X	X	X	X	X	X						11	
MO-MOaks-1	14:15	X	X	X	X	X	X	X						11	
MO-Ven-1	16:00	X	X	X	X	X	X	X						11	oil+grease sampled @ 17:55 (EPA 1664A)
MD-1	13:45	X	X	X	X	X	X	X						11	

Relinquished Printed Name TOMMY LIDDELL

Signature [signature]

Affiliation VCWPD Date/Time 12/8/09 1415

Received Printed Name [signature]

Signature [signature]

Affiliation [illegible] Date/Time 12-8-09 - 1:50 PM

Other Notes: Please run 524.2 on travel blanks only if constituents detected in orginal analysis

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 12/8/09 Sample Event: #2 (WET)

Sampling Team: T. LIDDELL, WB CAREY

SAMPLE ID	DATE/TIME COLLECTED	Barium, total	Chlorine Residual	NO3-N	Metals, total & dissolved (+ Hardness)	Cr+6, Tot. & Diss.	BOD, COD, MBAS, TKN, Ammonia, TOC	NO3+NO2 (353.2), Cl, F (300.0), Phenolics	Phosphorus-P Total & Dissolved	625-CTR, 8270SIM-PAH, 8270SIM-Phenols *	8151A-Herb 547-Glyphosate, 608-CTR	525.2 Reg+507, 525-OPP-LL	ALK, CLO4, Turb, TDS, TSS, VSS, Cond	Number of Bottles	NOTES
ME-CC	12/8/09 12:15	X	X	X	X	X	X	X	X	X	X	X	X	1	#1 - HERBICIDES
ME-SCR	13:30	X			X	X	X	X	X	X	X	X	X	1	#1 - PESTICIDES
ME-VR2	11:00			X	X	X	X	X	X	X	X	X	X	1	
MO-Cam-1	13:00				X	X	X	X	X	X	X	X	X	1	"
MO-Ojai-1	10:00			X	X	X	X	X	X	X	X	X	X	1	#1 - CONVENTIONALS
MO-MOaks-1	10:30			X	X	X	X	X	X	X	X	X	X	1	#1 - METALS, 608, 625
MO-Ven-1	11:30				X	X	X	X	X	X	X	X	X	1	#1 - NUTRIENTS
~~MO-1~~					~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~1~~	"

Metals by200.8, Total & Dissolved:
Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg

Metals by 200.7, Total (only):
Ca, Mg (for Hardness calc.)

608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods: 625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Relinquished
Printed Name: TOMMY LIDDELL
Signature: [signature]
Affiliation: VCWPD Date/Time: 12/8/09 1415

Received
Printed Name: Christian [illegible]
Signature: [signature]
Affiliation: Date/Time: 12-8-09 - 1:50 PM

Other Notes: #1: PLEASE RUN MS/MSD ANALYSIS FROM SURPLUS SAMPLE

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Field Measurements - VCWPD

Sampling Date: _____ Sample Event: _____

Sampling Team: _____

SAMPLE ID	DATE/TIME COLLECTED	pH [pH units] (Beckman 255)	Dissolved Oxygen [mg/L] (YSI85)	Dissolved Oxygen [%] (YSI85)	Temperature [°C] (YSI85)	Conductivity (YSI85)	Specific Conducatance ((YSI85)	Salinity (YSI85)	NOTES (Serial #, etc.)
ME-CC	12/7/09 12:00	7.80	80.7	8.44	13.2	778	1003	0.5	
ME-SCR	14:30	7.80	77.6	8.27	12.3	915	1208	0.6	
ME-VR2	15:15	7.48	73.6	8.04	11.2	739	1002	0.5	
MO-Cam-1	12:30	8.26	92.4	9.97	11.9	82.7	110.5	0.1	
MO-Ojai-1	13:45	7.62	96.0	10.55	11.2	74.8	110.6	0.1	* MD-1
MO-MOaks-1	14:15	7.71	96.2	10.82	9.7	85.5	120.9	0.1	
MO-Ven-1	16:00	7.69	90.7	9.61	12.7	106.2	138.8	0.1	

Relinquished Printed Name _____

Signature _____

Affiliation _____ Date/Time _____

Received Printed Name _____

Signature _____

Affiliation _____ Date/Time _____

Other Notes: Calibration of handheld equipment to occur before each event. Calibration logs stored at Saticoy Operations Yard.

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date: 12/7/09 - 12/8/09 Sample Event: EVENT # 2 (WET)

Sampling Team: T. LIDDELL, W.B. CREY, K. HAYS

EQUIPMENT	NUMBER OF PIECES	NOTES
19 L carboy (narrow-mouth)	Ø	Note 1
19 L carboy (narrow-mouth) lid (#holes/#no holes)	Ø	Note 1
18.5 L carboy (wide-mouth)	7	Note 1
18.5 L carboy (wide-mouth) lid (#holes/#no holes)	4/7	Note 1
Plastic/nylon keeper for narrow-mouth bottles	Ø	Note 1
Blue cube cooler	7	
Black bags	7	

Relinquished Printed Name TOMMY LIDDELL

Signature

Affiliation VCWPD Date/Time 12/8/09 1415

Received Printed Name

Signature

Affiliation Date/Time 12-8-09 - 1:30 PM

Other Notes: Note 1: Please clean per SOP

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 2/5/10 Sample Event: #3 (WET)

Sampling Team: T. LIDDELL, E. EISCH

LAB USE ONLY	SAMPLE ID	DATE/TIME COLLECTED	Total Coliform (25 Tube Method - MPNX)	Fecal Coliform (25 Tube Method - MPNX)	Enterococcus (Tray Method - WQ IDEXX)	*E. coli* (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IDEXX)			Number of Bottles	NOTES
	ME-VR2	2/5/10 1145	X	X	X	X	X			1	
	MO-OJA	2/5/10 1015	X	X		X	X			1	
	MO-MEI	2/5/10 1100	X	X		X	X			1	
	MD-1	2/5/10 1015	X	X		X	X			1	

Relinquished Printed Name: TOMMY LIDDELL

Signature: [signature]

Affiliation: VCWPD Date/Time: 2/5/10 1245

Received Printed Name: Brett Austin

Signature: [signature]

Affiliation: LAB Assistant Date/Time: 2/5/10 1245

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 2-5-10 Sample Event: 3 (WET)

Sampling Team: ARNE ANSELM, KELLY HAHS

LAB USE ONLY	SAMPLE ID	DATE/TIME COLLECTED	Total Coliform (25 Tube Method - MPNX)	Fecal Coliform (25 Tube Method - MPNX)	Enterococcus (Tray Method - WQ IDEXX)	*E. coli* (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IDEXX)			Number of Bottles	NOTES
	ME-CC	2/5/10 11:50	X	X	X	X	X			1	
	ME-SCR	2/5/10 13:25	X	X	X	X	X			1	
	MO-CAM	2/5/10 11:15	X	X		X	X			1	
	MO-VEN	2/5/10 10:25	X	X		X	X			1	

Relinquished Printed Name KELLY HAHS

Signature [signature]

Affiliation VCWPD Date/Time 2/5/10 / 14:53

Received Printed Name Susan Bryan

Signature [signature]

Affiliation VC PH Lab Date/Time 02/05/10 1453

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 2/5/10 Sample Event: EVENT #3 (WET)

Sampling Team: T. LIDDELL, E. EISCH

SAMPLE ID	DATE/TIME COLLECTED	Oil & Greae (EPA 1664A)	Cyanide (EPA 335.4)	O&G-NP (EPA 1664A)	MTBE & 2CLEVE (EPA 524.2)	Travel Blanks (EPA 524.2)-only analyze if hits	Mercury (EPA 245.1)	pH (SM4500 H+ B)						Number of Bottles	NOTES
ME-VR2	2/5/10 11:45	X	X	X	X	X	X	X						11	
MO-OJA	2/5/10 10:15	X	X	X	X	X	X	X						11	
MO-MEI	2/5/10 11:00	X	X	X	X	X	X	X						11	
MD-1	2/5/10 10:15	X	X	X	X	X	X	X						11	

Lab to select samples for MS/MSD where extra volume permits (all test methods) excluding travel blanks.

Relinquished Printed Name KELLY HAHS

Signature Kelly Hahs

Affiliation VCWPD Date/Time 2/6/10 / 15:00

Received Printed Name (AMIR LEVY)

Signature

Affiliation KMS Date/Time 2-6-10 / 15:00

Other Notes: Please run 524.2 on travel blanks only if constituents detected in orginal analysis

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: ~~2~~ 2-5-10 Sample Event: 3 (WET)

Sampling Team: ARNE ANSELM, KELLY HAHS

SAMPLE ID	DATE/TIME COLLECTED ACA	Oil & Greae (EPA 1664A)	Cyanide (EPA 335.4)	O&G-NP (EPA 1664A)	MTBE & 2CLEVE (EPA 524.2)	Travel Blanks (EPA 524.2)-only analyze if hits	Mercury (EPA 245.1)	pH (SM4500 H+ B)					Number of Bottles	NOTES
														Lab to select samples for MS/MSD where extra volume permits (all test methods) excluding travel blanks.
ME-CC	2-5-10 ~~12:14~~ 11:50	X	X	X	X	X	X	X					11	
~~ME-SCR~~	~~2-5-10 13:25~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~					~~11~~	Please dispose of samples and do not run analyses on ME-SCR
MO-CAM	2-5-10 11:15	X	X	X	X	X	X	X					11	
MO-VEN	2-5-10 ~~10:25~~ 9:10 ACA	X	X	X	X	X	X	X					11	

Relinquished Printed Name KELLY HAHS

Signature

Affiliation VCWPD Date/Time 2/5/10 / 15:00

Received Printed Name

Signature

Affiliation RMS Date/Time 2-6-10

Other Notes: Please run 524.2 on travel blanks only if constituents detected in orginal analysis

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 2/6/10 Sample Event: EVENT #3 (WET)

Sampling Team: T. LIDDELL, K. HAHS

SAMPLE ID	DATE/TIME COLLECTED	Barium, total	Chlorine Residual	NO3-N	Metals, total & dissolved (+ Hardness)	Cr+6	BOD, COD, MBAS, TKN, Ammonia, TOC	NO3+NO2 (353.2), Cl, F (300.0), Phenolics	Phosphorus-P Total & Dissolved	625-CTR, 8270SIM-PAH, 8270SIM-Phenols *	515.3-Herb 547-Glyphosate, 608-CTR	525.2 Reg+507, 525-OPP-LL	ALK, CLO4, Turb, TDS, TSS, VSS, Cond	Number of Bottles	NOTES
ME-VR2	2/6/10 / 10:55			X	X	X	X	X	X	X	X	X	X	1	
MO-OJA	2/6/10 / 11:35			X	X	X	X	X	X	X	X	X	X	1	
MO-MEI	2/6/10 / 11:20			X	X	X	X	X	X	X	X	X	X	1	
~~MO-1~~					~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~1~~	

Metals by200.8, Total & Dissolved:
Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg

Metals by 200.7, Total (only):
Ca, Mg (for Hardness calc.)

608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods: 625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Lab to select samples for MS/MSD where extra volume permits (all test methods)

Relinquished
Printed Name: KELLY HAHS
Signature: Kelly Hahs
Affiliation: VCWPD Date/Time: 2/6/10 / 15:00

Received
Printed Name: [illegible]
Signature: [illegible]
Affiliation: RMS Date/Time: 2-6-10 / 15:00

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 2/6/10 Sample Event: 3 (WET)

Sampling Team: ~~[redacted]~~, KELLY HAHS, TOMMY LIDDELL

SAMPLE ID	DATE/TIME COLLECTED	Barium, total	Chlorine Residual	NO3-N	Metals, total & dissolved (+ Hardness)	Cr+6	BOD, COD, MBAS, TKN, Ammonia, TOC	NO3+NO2 (353.2), Cl, F (300.0), Phenolics	Phosphorus-P Total & Dissolved	625-CTR, 8270SIM-PAH, 8270SIM-Phenols *	515.3-Herb 547-Glyphosate, 608-CTR	525.2 Reg+507, 525-OPP-LL	ALK, CLO4, Turb, TDS, TSS, VSS, Cond	Number of Bottles	NOTES
ME-CC	2/6/10 12:55 [redacted]	X	X	X	X	X	X	X	X	X	X	X	X	1	
~~ME-SCR~~	~~2/6/10 13:50 [redacted]~~	~~X~~	~~—~~	~~—~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~1~~	Please dispose of sample and do not run analyses on ME-SCR
MO-CAM	2/6/10 13:15 [redacted]				X	X	X	X	X	X	X	X	X	1	
MO-VEN	2/6/10 1230 [redacted]				X	X	X	X	X	X	X	X	X	1	
	[redacted]														

Metals by200.8, Total & Dissolved:
Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg

Metals by 200.7, Total (only):
Ca, Mg (for Hardness calc.)

608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods: 625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Lab to select samples for MS/MSD where extra volume permits (all test methods)

Relinquished
Printed Name: KELLY HAHS
Signature: [redacted]
Affiliation: VCWPD Date/Time: 2/6/10 / 15:00

Received
Printed Name: [redacted]
Signature: [redacted]
Affiliation: RMS Date/Time: 2-6-10 / 15:00

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date: 2-6-10 Sample Event: EVENT # 3 (WET)

Sampling Team: T. LIDDELL, K. HAHS

EQUIPMENT	NUMBER OF PIECES	NOTES
19 L carboy (narrow-mouth)	0	Note 1
19 L carboy (narrow-mouth) lid (#holes/#no holes)	0	Note 1
18.5 L carboy (wide-mouth)	7	Note 1
18.5 L carboy (wide-mouth) lid (#holes/#no holes)	3/7	Note 1
Plastic/nylon keeper for narrow-mouth bottles	0	Note 1
Blue cube cooler	7	
Black bags	7	

Relinquished Printed Name KELLY HAHS

Signature Kelly Hahs

Affiliation VCWPD Date/Time 2/6/10 / 15:00

Received Printed Name [illegible]

Signature [illegible]

Affiliation [illegible] Date/Time 2-6-10 / 15:00

Other Notes: Note 1: Please clean per SOP

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 2/20/10 Sample Event: 3A

Sampling Team: T. LIDDELL

LAB USE ONLY	SAMPLE ID	DATE/TIME COLLECTED	Total Coliform (25 Tube Method - MPNX)	Fecal Coliform (25 Tube Method - MPNX)	Enterococcus (Tray Method - WQ IDEXX)	*E. coli* (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IDEXX)			Number of Bottles	NOTES
	ME-SCR	2/20/10 0930	X	X	X	X	X			1	

Relinquished Printed Name: TOMMY LIDDELL

Signature: Tommy Liddell

Affiliation: VCWPD Date/Time: 2/20/10 10:05

Received Printed Name: SUSAN BERNARDES

Signature: Susan Bernardes

Affiliation: Date/Time: 02/20/10 10:05

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 2/20/10 Sample Event: 3A

Sampling Team: T. LIDDELL

SAMPLE ID	DATE/TIME COLLECTED	Oil & Grease (EPA 1664A)	Cyanide (EPA 335.4)	O&G-NP (EPA 1664A)	MTBE & 2CLEVE (EPA 524.2)	Travel Blanks (EPA 524.2)-only analyze if hits	Mercury (EPA 245.1)	pH (SM4500 H+ B)						Number of Bottles	NOTES
ME-SCR	2/20/10 0930	X	X	X	X	X	X	X						11	

Lab to select samples for MS/MSD where extra volume permits (all test methods) excluding travel blanks.

Relinquished Printed Name W.B. CAREY

Signature W.B. Carey

Affiliation VCWPD Date/Time 2/22/10 1100

Received Printed Name

Signature

Affiliation Date/Time 2/22/10 1100

Other Notes: Please run 524.2 on travel blanks only if constituents detected in orginal analysis

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 2/22/10 Sample Event: 3A

Sampling Team: W.B. CAREY

SAMPLE ID	DATE/TIME COLLECTED	Barium, total	Chlorine Residual	NO3-N	Metals, total & dissolved (+ Hardness)	Cr+6	BOD, COD, MBAS, TKN, Ammonia, TOC	NO3+NO2 (353.2), Cl, F (300.0), Phenolics	Phosphorus-P Total & Dissolved	625-CTR, 8270SIM-PAH, 8270SIM-Phenols *	515.3-Herb 547-Glyphosate, 608-CTR	525.2 Reg+507, 525-OPP-LL	ALK, CLO4, Turb, TDS, TSS, VSS, Cond	Number of Bottles	NOTES
ME-SCR	2/22/10 1005	X			X	X	X	X	X	X	X	X	X	1	

Metals by200.8, Total & Dissolved:
Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg

Metals by 200.7, Total (only):
Ca, Mg (for Hardness calc.)

608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods: 625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Lab to select samples for MS/MSD where extra volume permits (all test methods)

Relinquished
Printed Name W.B. CAREY
Signature W.B. Carey
Affiliation VCWPD Date/Time 2/22/10 1100

Received
Printed Name
Signature
Affiliation Date/Time 2/22/10 1106

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date: 2/19/20 Sample Event: 3A

Sampling Team: T. LIDDELL

EQUIPMENT	NUMBER OF PIECES	NOTES
19 L carboy (narrow-mouth)	NA	Note 1
19 L carboy (narrow-mouth) lid (#holes/#no holes)	NA	Note 1
18.5 L carboy (wide-mouth)	1	Note 1
18.5 L carboy (wide-mouth) lid (#holes/#no holes)	0/1	Note 1
Plastic/nylon keeper for narrow-mouth bottles	NA	Note 1
Blue cube cooler	1	
Black bags	1	

Relinquished Printed Name W. B. CAREY

Signature W. B. Carey

Affiliation VCWPD Date/Time 2/22/20 1100

Received Printed Name

Signature

Affiliation Date/Time 2/22/20 1100

Other Notes: Note 1: Please clean per SOP

Chain of Custody Record

Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 3/17/10 Sample Event: NPDES EVENT 4 (DRY)

Sampling Team: K. HAHS, E. MARTINEZ

LAB USE ONLY	SAMPLE ID	DATE/TIME COLLECTED	Total Coliform (25 Tube Method - MPNX)	Fecal Coliform (25 Tube Method - MPNX)	Enterococcus (Tray Method - WQ IDEXX)	*E. coli* (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IDEXX)			Number of Bottles	NOTES
	ME-CC	3/17/10 12:15	X	X	X	X	X			1	
	ME-SCR	3/17/10 08:50	X	X	X	X	X			1	
	ME-VR2	3/17/10 10:40	X	X	X	X	X			1	

Relinquished Printed Name KELLY HAHS

Signature

Affiliation VCWPD Date/Time 3/17/10 / 13:10

Received Printed Name Susan Bernard

Signature S. Bernard

Affiliation BTLAB Date/Time 3/17/10 1310

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Bacteriological - VCHCA Lab

Sampling Date: 3/17/10 Sample Event: #4-DRY

Sampling Team: T. LIDDELL, W.B. CAREY

LAB USE ONLY	SAMPLE ID	DATE/TIME COLLECTED	Total Coliform (25 Tube Method - MPNX)	Fecal Coliform (25 Tube Method - MPNX)	Enterococcus (Tray Method - WQ IDEXX)	*E. coli* (Tray Method - WQ IDEXX)	Total Coliform (Tray Method - WQ IDEXX)			Number of Bottles	NOTES
	MO-CAM	3/17/10 1415	X	X		X	X			1	
	MO-OJA	3/17/10 1015	X	X		X	X			1	
	MO-MEI	3/17/10 0915	X	X		X	X			1	
	MO-VEN	3/17/10 1215	X	X		X	X			1	

Relinquished Printed Name: TOMMY LIDDELL

Signature: T Liddell

Affiliation: VCWPD Date/Time: 3/17/10 1440

Received Printed Name: MARIA BELCHER

Signature: M. Belcher

Affiliation: VCHCA Date/Time: 3/17/10 14:42

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 3/18/10 Sample Event: #4 - DRY

Sampling Team: T. LIDDELL, W. B. CAREY

SAMPLE ID	DATE/TIME COLLECTED	Barium, total	Chlorine Residual	NO3-N	Metals, total & dissolved (+ Hardness)	Cr+6	BOD, COD, MBAS, TKN, Ammonia, TOC	NO3+NO2 (353.2), Cl, F (300.0), Phenolics	Phosphorus-P Total & Dissolved	625-CTR, 8270SIM-PAH, 8270SIM-Phenols *	515.3-Herb 547-Glyphosate, 608-CTR	525.2 Reg+507, 525-OPP-LL	ALK, CLO4, Turb, TDS, TSS, VSS, Cond	Number of Bottles	NOTES
ME-CC	3/18/10 1120	X	X	X	X	X	X	X	X	X	X	X	X	1	
ME-SCR	3/18/10 0815	X			X	X	X	X	X	X	X	X	X	1	
ME-VR2	3/18/20 1020			X	X	X	X	X	X	X	X	X	X	1	

Metals by200.8, Total & Dissolved:
Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg

Metals by 200.7, Total (only):
Ca, Mg (for Hardness calc.)

608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods: 625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Lab to select samples for MS/MSD where extra volume permits (all test methods)

Relinquished
Printed Name W.B. CAREY
Signature W.B. Carey
Affiliation VCWPD Date/Time 3/18/2010 1405

Received
Printed Name [illegible]
Signature [illegible]
Affiliation [illegible] Date/Time 3/18/2010 1405

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Composites - Weck Laboratories

Sampling Date: 3/18/10 Sample Event: #4 - DRY

Sampling Team: T. LIDDELL, W.B. CAREY

SAMPLE ID	DATE/TIME COLLECTED	Batium, total	Chlorine Residual	NO3-N	Metals, total & dissolved (+ Hardness)	Cr+6	BOD, COD, MBAS, TKN, Ammonia, TOC	NO3+NO2 (353.2), Cl, F (300.0), Phenolics	Phosphorus-P Total & Dissolved	625-CTR, 8270SIM-PAH, 8270SIM-Phenols *	515.3-Herb 547-Glyphosate, 608-CTR	525.2 Reg+507, 525-OPP-LL	ALK, CLO4, Turb, TDS, TSS, VSS, Cond	Number of Bottles	NOTES
MO-CAM	3/18/10 1145				X	X	X	X	X	X	X	X	X	1	
MO-OJA	3/18/10 0915			X	X	X	X	X	X	X	X	X	X	1	
MO-MEI	3/18/10 0940			X	X	X	X	X	X	X	X	X	X	1	
MO-VEN	3/18/10 1050				X	X	X	X	X	X	X	X	X	1	

Metals by200.8, Total & Dissolved:
Sb, Ag, Al, As, Be, Cd, Cr, Cu, Fe, Ni, Pb, Se, Tl, Zn, Hg

Metals by 200.7, Total (only):
Ca, Mg (for Hardness calc.)

608 include alpha- & gamma-chlordane

* Same extraction with low-level spike for 3 methods: 625CTR, 8270SIM-PAH, & 8270SIM-PHENOLS

Lab to select samples for MS/MSD where extra volume permits (all test methods)

Relinquished
Printed Name W.B. CAREY
Signature W.B. Carey
Affiliation VCWPD Date/Time 3/18/2010 1405

Received
Printed Name [illegible]
Signature [illegible]
Affiliation Redtable Date/Time 3/18/2010 1405

Other Notes:

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Equipment - Weck Laboratories

Sampling Date: 3/17/10 Sample Event: #4 - DRY

Sampling Team: T. LIDDELL, W.B. CAREY

EQUIPMENT	NUMBER OF PIECES	NOTES
19 L carboy (narrow-mouth)		Note 1
19 L carboy (narrow-mouth) lid (#holes/#no holes)		Note 1
18.5 L carboy (wide-mouth)	7	Note 1
18.5 L carboy (wide-mouth) lid (#holes/#no holes)	3/7	Note 1
Plastic/nylon keeper for narrow-mouth bottles		Note 1
Blue cube cooler	7	
Black bags	7	

Relinquished Printed Name W.B. CAREY

Signature W.B. Carey

Affiliation VCWPD Date/Time 3/18/2010 1405

Received Printed Name [illegible]

Signature [illegible]

Affiliation Reliable Date/Time 3/18/2010 1405

Other Notes: Note 1: Please clean per SOP

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 3/17/10 Sample Event: NPDES EVENT 4 (DRY)

Sampling Team: K. HAHS E. MARTINEZ

SAMPLE ID	DATE/TIME COLLECTED	Oil & Greae (EPA 1664A)	Cyanide (EPA 335.4)	O&G-NP (EPA 1664A)	MTBE & 2CLEVE (EPA 524.2)	Travel Blanks (EPA 524.2)-only analyze if hits	Mercury (EPA 245.1)	pH (SM4500 H+ B)					Number of Bottles	NOTES
ME-CC	3/17/10 12:15	X	X	X	X	X	X	X					11	
ME-SCR	3/17/10 08:50	X	X	X	X	X	X	X					11	
ME-VR2	3/17/10 10:40	X	X	X	X	X	X	X					11	

Lab to select samples for MS/MSD where extra volume permits (all test methods) excluding travel blanks.

Relinquished Printed Name W.B. CAREY

Signature W.B. Carey

Affiliation VCWPD Date/Time 3/18/2010 1405

Received Printed Name [illegible]

Signature [illegible]

Affiliation Reliable Date/Time 3/18/2010 1405

Other Notes: Please run 524.2 on travel blanks only if constituents detected in orginal analysis

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Grabs - Weck Laboratories

Sampling Date: 3/17/10 Sample Event: #4-DRY

Sampling Team: T. LIDDELL, W.B. CAREY

SAMPLE ID	DATE/TIME COLLECTED	Oil & Greae (EPA 1664A)	Cyanide (EPA 335.4)	O&G-NP (EPA 1664A)	MTBE & 2CLEVE (EPA 524.2)	Travel Blanks (EPA 524.2)-only analyze if hits	Mercury (EPA 245.1)	pH (SM4500 H+ B)						Number of Bottles	NOTES
MO-CAM	3/17/10 1415	X	X	X	X	X	X	X						11	
MO-OJA	3/17/10 1015	X	X	X	X	X	X	X						11	
MO-MEI	3/17/10 0915	X	X	X	X	X	X	X						11	
MO-VEN	3/17/10 1215	X	X	X	X	X	X	X						11	

Lab to select samples for MS/MSD where extra volume permits (all test methods) excluding travel blanks.

Relinquished Printed Name W.B. CAREY

Signature W.B. Carey

Affiliation VCWPD Date/Time 3/18/2010 1405

Received Printed Name [illegible]

Signature [illegible]

Affiliation RMS Date/Time 3/18/2010 1405

Reliable

Other Notes: Please run 524.2 on travel blanks only if constituents detected in orginal analysis

Appendix F. Laboratory QA/QC Analysis Results

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike	10/16/2009	Anion	Chloride	n/a	=	9.62	mg/L	EPA 300.0	0.079	0.5			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Anion	Chloride	n/a	=	9.29	mg/L	EPA 300.0	0.079	0.5			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	72	118	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	72	118	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Anion	Chloride	n/a	=	4	%	EPA 300.0	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike	10/17/2009	Anion	Chloride	n/a	=	128	mg/L	EPA 300.0	0.16	1			DS,D,GB
2009/10-1	000NONPJ	matrix spike dup	10/17/2009	Anion	Chloride	n/a	=	128	mg/L	EPA 300.0	0.16	1			DS,D,GB
2009/10-1	000NONPJ	matrix spike dup, rec	10/17/2009	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	72	118	DS,D,GB
2009/10-1	000NONPJ	matrix spike, rec	10/17/2009	Anion	Chloride	n/a	=	0.9	%	EPA 300.0	-88	-88	72	118	DS,D,GB
2009/10-1	000NONPJ	matrix spike, RPD	10/17/2009	Anion	Chloride	n/a	=	0.04	%	EPA 300.0	-88	-88	0	20	DS,D
2009/10-1	Lab	LCS	10/17/2009	Anion	Chloride	n/a	=	3.86	mg/L	EPA 300.0	0.079	0.5			X
2009/10-1	Lab	LCS, rec	10/17/2009	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/17/2009	Anion	Chloride	n/a	<	0.079	mg/L	EPA 300.0	0.079	0.5			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Anion	Fluoride	n/a	=	2.05	mg/L	EPA 300.0	0.013	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Anion	Fluoride	n/a	=	2	mg/L	EPA 300.0	0.013	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	79	109	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike	10/17/2009	Anion	Fluoride	n/a	=	3.8	mg/L	EPA 300.0	0.026	0.2			DS,D
2009/10-1	000NONPJ	matrix spike dup	10/17/2009	Anion	Fluoride	n/a	=	3.81	mg/L	EPA 300.0	0.026	0.2			DS,D
2009/10-1	000NONPJ	matrix spike dup, rec	10/17/2009	Anion	Fluoride	n/a	=	87	%	EPA 300.0	-88	-88	79	109	DS,D
2009/10-1	000NONPJ	matrix spike, rec	10/17/2009	Anion	Fluoride	n/a	=	86	%	EPA 300.0	-88	-88	79	109	DS,D
2009/10-1	000NONPJ	matrix spike, RPD	10/17/2009	Anion	Fluoride	n/a	=	0.2	%	EPA 300.0	-88	-88	0	20	DS,D
2009/10-1	Lab	LCS	10/17/2009	Anion	Fluoride	n/a	=	1.82	mg/L	EPA 300.0	0.013	0.1			X
2009/10-1	Lab	LCS, rec	10/17/2009	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/17/2009	Anion	Fluoride	n/a	<	0.013	mg/L	EPA 300.0	0.013	0.1			X
2009/10-1	000NONPJ	matrix spike	10/15/2009	Anion	Perchlorate	n/a	=	14.4	µg/L	EPA 314.0	0.82	2			X
2009/10-1	000NONPJ	matrix spike dup	10/15/2009	Anion	Perchlorate	n/a	=	15	µg/L	EPA 314.0	0.82	2			X
2009/10-1	000NONPJ	matrix spike dup, rec	10/15/2009	Anion	Perchlorate	n/a	=	120	%	EPA 314.0	-88	-88	80	120	X
2009/10-1	000NONPJ	matrix spike, rec	10/15/2009	Anion	Perchlorate	n/a	=	114	%	EPA 314.0	-88	-88	80	120	X
2009/10-1	000NONPJ	matrix spike, RPD	10/15/2009	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Anion	Perchlorate	n/a	=	18.2	µg/L	EPA 314.0	0.82	2			GB
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Anion	Perchlorate	n/a	=	17.9	µg/L	EPA 314.0	0.82	2			X
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Anion	Perchlorate	n/a	=	119	%	EPA 314.0	-88	-88	80	120	X
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Anion	Perchlorate	n/a	=	122	%	EPA 314.0	-88	-88	80	120	GB
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	X
2009/10-1	000NONPJ	matrix spike	10/19/2009	Anion	Perchlorate	n/a	=	14.6	µg/L	EPA 314.0	0.82	2			X
2009/10-1	000NONPJ	matrix spike dup	10/19/2009	Anion	Perchlorate	n/a	=	15.2	µg/L	EPA 314.0	0.82	2			GB
2009/10-1	000NONPJ	matrix spike dup, rec	10/19/2009	Anion	Perchlorate	n/a	=	123	%	EPA 314.0	-88	-88	80	120	GB
2009/10-1	000NONPJ	matrix spike, rec	10/19/2009	Anion	Perchlorate	n/a	=	116	%	EPA 314.0	-88	-88	80	120	X
2009/10-1	000NONPJ	matrix spike, RPD	10/19/2009	Anion	Perchlorate	n/a	=	4	%	EPA 314.0	-88	-88	0	15	GB
2009/10-1	000NONPJ	matrix spike	10/20/2009	Anion	Perchlorate	n/a	=	11.4	µg/L	EPA 314.0	0.82	2			X
2009/10-1	000NONPJ	matrix spike dup	10/20/2009	Anion	Perchlorate	n/a	=	12.9	µg/L	EPA 314.0	0.82	2			GB
2009/10-1	000NONPJ	matrix spike dup, rec	10/20/2009	Anion	Perchlorate	n/a	=	129	%	EPA 314.0	-88	-88	80	120	GB
2009/10-1	000NONPJ	matrix spike, rec	10/20/2009	Anion	Perchlorate	n/a	=	114	%	EPA 314.0	-88	-88	80	120	X
2009/10-1	000NONPJ	matrix spike, RPD	10/20/2009	Anion	Perchlorate	n/a	=	13	%	EPA 314.0	-88	-88	0	15	GB
2009/10-1	Lab	LCS	10/15/2009	Anion	Perchlorate	n/a	=	10.4	µg/L	EPA 314.0	0.82	2			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS	10/15/2009	Anion	Perchlorate	n/a	=	10.2	µg/L	EPA 314.0	0.82	2			X
2009/10-1	Lab	LCS, rec	10/15/2009	Anion	Perchlorate	n/a	=	102	%	EPA 314.0	-88	-88	85	115	X
2009/10-1	Lab	LCS, rec	10/15/2009	Anion	Perchlorate	n/a	=	104	%	EPA 314.0	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/15/2009	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-1	Lab	method blank	10/15/2009	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-1	Lab	LCS	10/19/2009	Anion	Perchlorate	n/a	=	10.7	µg/L	EPA 314.0	0.82	2			X
2009/10-1	Lab	LCS	10/19/2009	Anion	Perchlorate	n/a	=	10.9	µg/L	EPA 314.0	0.82	2			X
2009/10-1	Lab	LCS, rec	10/19/2009	Anion	Perchlorate	n/a	=	107	%	EPA 314.0	-88	-88	85	115	X
2009/10-1	Lab	LCS, rec	10/19/2009	Anion	Perchlorate	n/a	=	109	%	EPA 314.0	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/19/2009	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-1	Lab	method blank	10/19/2009	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-1	000NONPJ	matrix spike	10/21/2009	Cation	Calcium	Total	=	167	mg/L	EPA 200.7	0.016	0.1			DS
2009/10-1	000NONPJ	matrix spike	10/21/2009	Cation	Calcium	Total	=	181	mg/L	EPA 200.7	0.016	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/21/2009	Cation	Calcium	Total	=	184	mg/L	EPA 200.7	0.016	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/21/2009	Cation	Calcium	Total	=	170	mg/L	EPA 200.7	0.016	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/21/2009	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/21/2009	Cation	Calcium	Total	=	107	%	EPA 200.7	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/21/2009	Cation	Calcium	Total	=	92	%	EPA 200.7	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/21/2009	Cation	Calcium	Total	=	101	%	EPA 200.7	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/21/2009	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/21/2009	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/21/2009	Cation	Calcium	Total	=	45.1	mg/L	EPA 200.7	0.016	0.1			X
2009/10-1	Lab	LCS, rec	10/21/2009	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/21/2009	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			X
2009/10-1	000NONPJ	matrix spike	10/21/2009	Cation	Magnesium	Total	=	80.2	mg/L	EPA 200.7	0.012	0.1			DS
2009/10-1	000NONPJ	matrix spike	10/21/2009	Cation	Magnesium	Total	=	143	mg/L	EPA 200.7	0.012	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/21/2009	Cation	Magnesium	Total	=	147	mg/L	EPA 200.7	0.012	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/21/2009	Cation	Magnesium	Total	=	80.9	mg/L	EPA 200.7	0.012	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/21/2009	Cation	Magnesium	Total	=	101	%	EPA 200.7	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/21/2009	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/21/2009	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/21/2009	Cation	Magnesium	Total	=	93	%	EPA 200.7	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/21/2009	Cation	Magnesium	Total	=	3	%	EPA 200.7	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/21/2009	Cation	Magnesium	Total	=	0.8	%	EPA 200.7	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/21/2009	Cation	Magnesium	Total	=	44.5	mg/L	EPA 200.7	0.012	0.1			X
2009/10-1	Lab	LCS, rec	10/21/2009	Cation	Magnesium	Total	=	89	%	EPA 200.7	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/21/2009	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			X
2009/10-1	000NONPJ	lab duplicate	10/19/2009	Conventional	Alkalinity as CaCO3	n/a	=	89.2	mg/L	SM 2320 B	-88	2		15	DS,NMDL
2009/10-1	000NONPJ	lab duplicate	10/21/2009	Conventional	Alkalinity as CaCO3	n/a	=	32.3	mg/L	SM 2320 B	-88	2		15	NMDL
2009/10-1	Lab	LCS	10/19/2009	Conventional	Alkalinity as CaCO3	n/a	=	36.4	mg/L	SM 2320 B	-88	2			NMDL
2009/10-1	Lab	LCS, rec	10/19/2009	Conventional	Alkalinity as CaCO3	n/a	=	104	%	SM 2320 B	-88	-88	94	108	X
2009/10-1	Lab	method blank	10/19/2009	Conventional	Alkalinity as CaCO3	n/a	=	2.57	mg/L	SM 2320 B	-88	2			IP,NMDL
2009/10-1	Lab	LCS	10/21/2009	Conventional	Alkalinity as CaCO3	n/a	=	35.1	mg/L	SM 2320 B	-88	2			NMDL
2009/10-1	Lab	LCS, rec	10/21/2009	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	X
2009/10-1	Lab	method blank	10/21/2009	Conventional	Alkalinity as CaCO3	n/a	<	2	mg/L	SM 2320 B	-88	2			NMDL
2009/10-1	Lab	LCS	10/20/2009	Conventional	BOD	n/a	=	204	mg/L	SM 5210 B	0.1	2			X
2009/10-1	Lab	LCS, rec	10/20/2009	Conventional	BOD	n/a	=	103	%	SM 5210 B	-88	-88	85	115	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike	10/17/2009	Conventional	COD	n/a	=	195	mg/L	EPA 410.4	3.7	10			DS,D
2009/10-1	000NONPJ	matrix spike	10/17/2009	Conventional	COD	n/a	=	194	mg/L	EPA 410.4	3.7	10			DS,D
2009/10-1	000NONPJ	matrix spike dup	10/17/2009	Conventional	COD	n/a	=	191	mg/L	EPA 410.4	3.7	10			DS,D
2009/10-1	000NONPJ	matrix spike dup	10/17/2009	Conventional	COD	n/a	=	195	mg/L	EPA 410.4	3.7	10			DS,D
2009/10-1	000NONPJ	matrix spike dup, rec	10/17/2009	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	DS,D
2009/10-1	000NONPJ	matrix spike dup, rec	10/17/2009	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	DS,D
2009/10-1	000NONPJ	matrix spike, rec	10/17/2009	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	DS,D
2009/10-1	000NONPJ	matrix spike, rec	10/17/2009	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	DS,D
2009/10-1	000NONPJ	matrix spike, RPD	10/17/2009	Conventional	COD	n/a	=	0.1	%	EPA 410.4	-88	-88	0	15	DS,D
2009/10-1	000NONPJ	matrix spike, RPD	10/17/2009	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	DS,D
2009/10-1	Lab	LCS	10/17/2009	Conventional	COD	n/a	=	96.1	mg/L	EPA 410.4	1.8	5			X
2009/10-1	Lab	LCS, rec	10/17/2009	Conventional	COD	n/a	=	96	%	EPA 410.4	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/17/2009	Conventional	COD	n/a	<	1.8	mg/L	EPA 410.4	1.8	5			X
2009/10-1	000NONPJ	matrix spike	10/22/2009	Conventional	Cyanide	Total	=	0.1	mg/L	EPA 335.4	0.0027	0.005			DS
2009/10-1	000NONPJ	matrix spike	10/22/2009	Conventional	Cyanide	Total	=	0.102	mg/L	EPA 335.4	0.0027	0.005			DS
2009/10-1	000NONPJ	matrix spike	10/22/2009	Conventional	Cyanide	Total	=	0.0903	mg/L	EPA 335.4	0.0027	0.005			DS
2009/10-1	000NONPJ	matrix spike	10/22/2009	Conventional	Cyanide	Total	=	0.111	mg/L	EPA 335.4	0.0027	0.005			DS,EUM
2009/10-1	000NONPJ	matrix spike dup	10/22/2009	Conventional	Cyanide	Total	=	0.106	mg/L	EPA 335.4	0.0027	0.005			DS
2009/10-1	000NONPJ	matrix spike dup	10/22/2009	Conventional	Cyanide	Total	=	0.0953	mg/L	EPA 335.4	0.0027	0.005			DS
2009/10-1	000NONPJ	matrix spike dup	10/22/2009	Conventional	Cyanide	Total	=	0.0969	mg/L	EPA 335.4	0.0027	0.005			DS
2009/10-1	000NONPJ	matrix spike dup	10/22/2009	Conventional	Cyanide	Total	=	0.0957	mg/L	EPA 335.4	0.0027	0.005			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/22/2009	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/22/2009	Conventional	Cyanide	Total	=	106	%	EPA 335.4	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/22/2009	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/22/2009	Conventional	Cyanide	Total	=	95	%	EPA 335.4	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/22/2009	Conventional	Cyanide	Total	=	90	%	EPA 335.4	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/22/2009	Conventional	Cyanide	Total	=	102	%	EPA 335.4	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/22/2009	Conventional	Cyanide	Total	=	100	%	EPA 335.4	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/22/2009	Conventional	Cyanide	Total	=	111	%	EPA 335.4	-88	-88	90	110	DS,GB
2009/10-1	000NONPJ	matrix spike, RPD	10/22/2009	Conventional	Cyanide	Total	=	5	%	EPA 335.4	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/22/2009	Conventional	Cyanide	Total	=	5	%	EPA 335.4	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/22/2009	Conventional	Cyanide	Total	=	6	%	EPA 335.4	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/22/2009	Conventional	Cyanide	Total	=	5	%	EPA 335.4	-88	-88	0	20	DS
2009/10-1	Lab	LCS	10/22/2009	Conventional	Cyanide	Total	=	0.0483	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-1	Lab	LCS	10/22/2009	Conventional	Cyanide	Total	=	0.0485	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-1	Lab	LCS, rec	10/22/2009	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	X
2009/10-1	Lab	LCS, rec	10/22/2009	Conventional	Cyanide	Total	=	97	%	EPA 335.4	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/22/2009	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-1	Lab	method blank	10/22/2009	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-1	000NONPJ	matrix spike	10/15/2009	Conventional	MBAS	n/a	=	7.43	mg/L	SM 5540 C	0.38	1			DS,D
2009/10-1	000NONPJ	matrix spike dup	10/15/2009	Conventional	MBAS	n/a	=	7.43	mg/L	SM 5540 C	0.38	1			DS,D
2009/10-1	000NONPJ	matrix spike dup, rec	10/15/2009	Conventional	MBAS	n/a	=	77	%	SM 5540 C	-88	-88	77	118	DS,D
2009/10-1	000NONPJ	matrix spike, rec	10/15/2009	Conventional	MBAS	n/a	=	77	%	SM 5540 C	-88	-88	77	118	DS,D
2009/10-1	000NONPJ	matrix spike, RPD	10/15/2009	Conventional	MBAS	n/a	=	0.04	%	SM 5540 C	-88	-88	0	20	DS,D
2009/10-1	Lab	LCS	10/15/2009	Conventional	MBAS	n/a	=	0.181	mg/L	SM 5540 C	0.019	0.05			X
2009/10-1	Lab	LCS, rec	10/15/2009	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	79	113	X
2009/10-1	Lab	method blank	10/15/2009	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	lab duplicate	10/15/2009	Conventional	pH	n/a	=	7.21	pH Units	SM 4500-H+ B	0.1	0.1		3.24	X
2009/10-1	000NONPJ	lab duplicate	10/15/2009	Conventional	pH	n/a	=	7.02	pH Units	SM 4500-H+ B	0.1	0.1		3.24	X
2009/10-1	000NONPJ	lab duplicate	10/15/2009	Conventional	pH	n/a	=	7.26	pH Units	SM 4500-H+ B	0.1	0.1		3.24	X
2009/10-1	Lab	CRM	10/15/2009	Conventional	pH	n/a	=	6.87	pH Units	SM 4500-H+ B	0.1	0.1			X
2009/10-1	Lab	CRM	10/15/2009	Conventional	pH	n/a	=	6.85	pH Units	SM 4500-H+ B	0.1	0.1			X
2009/10-1	Lab	CRM	10/15/2009	Conventional	pH	n/a	=	6.85	pH Units	SM 4500-H+ B	0.1	0.1			X
2009/10-1	Lab	CRM, rec	10/15/2009	Conventional	pH	n/a	=	100	%	SM 4500-H+ B	-88	-88	96.7	102	X
2009/10-1	Lab	CRM, rec	10/15/2009	Conventional	pH	n/a	=	100	%	SM 4500-H+ B	-88	-88	96.7	102	X
2009/10-1	Lab	CRM, rec	10/15/2009	Conventional	pH	n/a	=	100	%	SM 4500-H+ B	-88	-88	96.7	102	X
2009/10-1	000NONPJ	matrix spike	10/26/2009	Conventional	Phenolics	n/a	=	0.158	mg/L	EPA 420.4	0.0016	0.01			DS
2009/10-1	000NONPJ	matrix spike dup	10/26/2009	Conventional	Phenolics	n/a	=	0.165	mg/L	EPA 420.4	0.0016	0.01			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/26/2009	Conventional	Phenolics	n/a	=	107	%	EPA 420.4	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/26/2009	Conventional	Phenolics	n/a	=	101	%	EPA 420.4	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/26/2009	Conventional	Phenolics	n/a	=	4	%	EPA 420.4	-88	-88	0	20	DS
2009/10-1	Lab	LCS	10/26/2009	Conventional	Phenolics	n/a	=	0.0928	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-1	Lab	LCS, rec	10/26/2009	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/26/2009	Conventional	Phenolics	n/a	<	0.0016	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-1	000NONPJ	lab duplicate	11/11/2009	Conventional	Specific Conductance	n/a	=	266	µmhos/cm	SM 2510 B	0.23	2		4.28	X
2009/10-1	Lab	LCS	11/11/2009	Conventional	Specific Conductance	n/a	=	185	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-1	Lab	LCS, rec	11/11/2009	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	X
2009/10-1	Lab	method blank	11/11/2009	Conventional	Specific Conductance	n/a	<	0.23	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-1	000NONPJ	matrix spike	10/14/2009	Conventional	Total Chlorine Residual	n/a	=	0.198	mg/L	SM 4500-Cl G	0.0016	0.05			DS
2009/10-1	000NONPJ	matrix spike dup	10/14/2009	Conventional	Total Chlorine Residual	n/a	=	0.184	mg/L	SM 4500-Cl G	0.0016	0.05			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/14/2009	Conventional	Total Chlorine Residual	n/a	=	86	%	SM 4500-Cl G	-88	-88	65	128	DS
2009/10-1	000NONPJ	matrix spike, rec	10/14/2009	Conventional	Total Chlorine Residual	n/a	=	93	%	SM 4500-Cl G	-88	-88	65	128	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/14/2009	Conventional	Total Chlorine Residual	n/a	=	7	%	SM 4500-Cl G	-88	-88	0	15	DS
2009/10-1	Lab	LCS	10/14/2009	Conventional	Total Chlorine Residual	n/a	=	0.196	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-1	Lab	LCS, rec	10/14/2009	Conventional	Total Chlorine Residual	n/a	=	98	%	SM 4500-Cl G	-88	-88	82	112	X
2009/10-1	Lab	method blank	10/14/2009	Conventional	Total Chlorine Residual	n/a	<	0.0016	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-1	000NONPJ	lab duplicate	10/20/2009	Conventional	Total Dissolved Solids	n/a	=	1540	mg/L	SM 2540 C	4	10		10	X
2009/10-1	Lab	LCS	10/20/2009	Conventional	Total Dissolved Solids	n/a	=	813	mg/L	SM 2540 C	4	10			X
2009/10-1	Lab	LCS, rec	10/20/2009	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	91	104	X
2009/10-1	Lab	method blank	10/20/2009	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			X
2009/10-1	000NONPJ	matrix spike	10/24/2009	Conventional	Total Organic Carbon	n/a	=	97.8	mg/L	SM 5310 C	0.32	3			DS,D
2009/10-1	000NONPJ	matrix spike dup	10/24/2009	Conventional	Total Organic Carbon	n/a	=	98.1	mg/L	SM 5310 C	0.32	3			DS,D
2009/10-1	000NONPJ	matrix spike dup, rec	10/24/2009	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	84	107	DS,D
2009/10-1	000NONPJ	matrix spike, rec	10/24/2009	Conventional	Total Organic Carbon	n/a	=	96	%	SM 5310 C	-88	-88	84	107	DS,D
2009/10-1	000NONPJ	matrix spike, RPD	10/24/2009	Conventional	Total Organic Carbon	n/a	=	0.3	%	SM 5310 C	-88	-88	0	20	DS,D
2009/10-1	000NONPJ	matrix spike	10/25/2009	Conventional	Total Organic Carbon	n/a	=	5.45	mg/L	SM 5310 C	0.032	0.3			DS
2009/10-1	000NONPJ	matrix spike dup	10/25/2009	Conventional	Total Organic Carbon	n/a	=	5.4	mg/L	SM 5310 C	0.032	0.3			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/25/2009	Conventional	Total Organic Carbon	n/a	=	91	%	SM 5310 C	-88	-88	84	107	DS
2009/10-1	000NONPJ	matrix spike, rec	10/25/2009	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 C	-88	-88	84	107	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/25/2009	Conventional	Total Organic Carbon	n/a	=	0.9	%	SM 5310 C	-88	-88	0	20	DS
2009/10-1	Lab	LCS	10/24/2009	Conventional	Total Organic Carbon	n/a	=	4.86	mg/L	SM 5310 C	0.032	0.3			X
2009/10-1	Lab	LCS, rec	10/24/2009	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/24/2009	Conventional	Total Organic Carbon	n/a	<	0.032	mg/L	SM 5310 C	0.032	0.3			X
2009/10-1	Lab	LCS	10/25/2009	Conventional	Total Organic Carbon	n/a	=	4.77	mg/L	SM 5310 C	0.032	0.3			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS, rec	10/25/2009	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/25/2009	Conventional	Total Organic Carbon	n/a	<	0.032	mg/L	SM 5310 C	0.032	0.3			X
2009/10-1	000NONPJ	lab duplicate	10/19/2009	Conventional	Total Suspended Solids	n/a	=	403	mg/L	SM 2540 D	5	5		20	X
2009/10-1	Lab	method blank	10/19/2009	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			X
2009/10-1	000NONPJ	lab duplicate	10/15/2009	Conventional	Turbidity	n/a	=	0.41	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-1	000NONPJ	lab duplicate	10/15/2009	Conventional	Turbidity	n/a	=	0.3	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-1	Lab	LCS	10/15/2009	Conventional	Turbidity	n/a	=	8	NTU	EPA 180.1	0.04	0.1			X
2009/10-1	Lab	LCS	10/15/2009	Conventional	Turbidity	n/a	=	8.02	NTU	EPA 180.1	0.04	0.1			X
2009/10-1	Lab	LCS, rec	10/15/2009	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	X
2009/10-1	Lab	LCS, rec	10/15/2009	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/15/2009	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X
2009/10-1	Lab	method blank	10/15/2009	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X
2009/10-1	000NONPJ	lab duplicate	10/19/2009	Conventional	Volatile Suspended Solids	n/a	=	200	mg/L	EPA 160.4	-88	5		15	NMDL
2009/10-1	Lab	method blank	10/19/2009	Conventional	Volatile Suspended Solids	n/a	<	5	mg/L	EPA 160.4	-88	5			NMDL
2009/10-1	Lab	LCS	10/16/2009	Hydrocarbon	Oil and Grease	n/a	=	17.7	mg/L	EPA 1664A	2	5			X
2009/10-1	Lab	LCS	10/16/2009	Hydrocarbon	Oil and Grease	n/a	DNQ	4.2	mg/L	EPA 1664A	2	5			J
2009/10-1	Lab	LCS dup	10/16/2009	Hydrocarbon	Oil and Grease	n/a	=	17.9	mg/L	EPA 1664A	2	5			X
2009/10-1	Lab	LCS dup, rec	10/16/2009	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	X
2009/10-1	Lab	LCS, rec	10/16/2009	Hydrocarbon	Oil and Grease	n/a	=	84	%	EPA 1664A	-88	-88	78	114	J
2009/10-1	Lab	LCS, rec	10/16/2009	Hydrocarbon	Oil and Grease	n/a	=	88	%	EPA 1664A	-88	-88	78	114	X
2009/10-1	Lab	LCS, RPD	10/16/2009	Hydrocarbon	Oil and Grease	n/a	=	1	%	EPA 1664A	-88	-88	0	18	X
2009/10-1	Lab	method blank	10/16/2009	Hydrocarbon	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5			X
2009/10-1	Lab	method blank	10/21/2009	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Aluminum	Dissolved	=	47.2	µg/L	EPA 200.8	0.19	5			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Aluminum	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Aluminum	Dissolved	<	0.19	µg/L	EPA 200.8	0.19	5			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Aluminum	Total	=	3960	µg/L	EPA 200.8	0.95	25			DS,D,GB
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Aluminum	Total	=	1280	µg/L	EPA 200.8	0.19	5			DS,GB
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Aluminum	Total	=	1330	µg/L	EPA 200.8	0.19	5			DS,GB
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Aluminum	Total	=	4110	µg/L	EPA 200.8	0.95	25			DS,D,GB
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Aluminum	Total	=	261	%	EPA 200.8	-88	-88	70	130	DS,GB
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Aluminum	Total	=	-42	%	EPA 200.8	-88	-88	70	130	DS,D,GB
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Aluminum	Total	=	169	%	EPA 200.8	-88	-88	70	130	DS,GB
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Aluminum	Total	=	-353	%	EPA 200.8	-88	-88	70	130	DS,D,GB
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	DS,D
2009/10-1	Lab	LCS	10/29/2009	Metal	Aluminum	Total	=	49.3	µg/L	EPA 200.8	0.19	5			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Aluminum	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Aluminum	Total	<	0.19	µg/L	EPA 200.8	0.19	5			X
2009/10-1	000NONPJ	matrix spike	10/23/2009	Metal	Antimony	Dissolved	=	47.1	µg/L	EPA 200.8	0.008	0.5			DS
2009/10-1	000NONPJ	matrix spike dup	10/23/2009	Metal	Antimony	Dissolved	=	46.6	µg/L	EPA 200.8	0.008	0.5			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/23/2009	Metal	Antimony	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/23/2009	Metal	Antimony	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/23/2009	Metal	Antimony	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/23/2009	Metal	Antimony	Dissolved	=	47.3	µg/L	EPA 200.8	0.008	0.5			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Antimony	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Antimony	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Antimony	Total	=	47.1	µg/L	EPA 200.8	0.008	0.5			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Antimony	Total	=	35.3	µg/L	EPA 200.8	0.008	0.5			GB
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Antimony	Total	=	46.6	µg/L	EPA 200.8	0.008	0.5			X
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Antimony	Total	=	34.5	µg/L	EPA 200.8	0.008	0.5			GB
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Antimony	Total	=	66	%	EPA 200.8	-88	-88	70	130	GB
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Antimony	Total	=	89	%	EPA 200.8	-88	-88	70	130	X
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Antimony	Total	=	90	%	EPA 200.8	-88	-88	70	130	X
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Antimony	Total	=	68	%	EPA 200.8	-88	-88	70	130	GB
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	GB
2009/10-1	Lab	LCS	10/29/2009	Metal	Antimony	Total	=	47.3	µg/L	EPA 200.8	0.008	0.5			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Antimony	Total	<	0.008	µg/L	EPA 200.8	0.008	0.5			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Arsenic	Dissolved	=	46.1	µg/L	EPA 200.8	0.014	0.4			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Arsenic	Dissolved	=	92	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Arsenic	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.4			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Arsenic	Total	=	48.2	µg/L	EPA 200.8	0.014	0.4			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Arsenic	Total	=	49.7	µg/L	EPA 200.8	0.014	0.4			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Arsenic	Total	=	50.7	µg/L	EPA 200.8	0.014	0.4			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Arsenic	Total	=	47	µg/L	EPA 200.8	0.014	0.4			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Arsenic	Total	=	90	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Arsenic	Total	=	91	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Arsenic	Total	=	93	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Arsenic	Total	=	89	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Arsenic	Total	=	46.3	µg/L	EPA 200.8	0.014	0.4			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Arsenic	Total	=	93	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Arsenic	Total	<	0.014	µg/L	EPA 200.8	0.014	0.4			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Barium	Dissolved	=	46.4	µg/L	EPA 200.8	0.024	0.5			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Barium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Barium	Dissolved	<	0.024	µg/L	EPA 200.8	0.024	0.5			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Barium	Total	=	80.9	µg/L	EPA 200.8	0.024	0.5			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Barium	Total	=	112	µg/L	EPA 200.8	0.024	0.5			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Barium	Total	=	81.2	µg/L	EPA 200.8	0.024	0.5			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Barium	Total	=	115	µg/L	EPA 200.8	0.024	0.5			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Barium	Total	=	91	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Barium	Total	=	86	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Barium	Total	=	93	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Barium	Total	=	47.1	µg/L	EPA 200.8	0.024	0.5			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Barium	Total	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Barium	Total	<	0.024	µg/L	EPA 200.8	0.024	0.5			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Beryllium	Dissolved	=	48.7	µg/L	EPA 200.8	0.022	0.1			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	method blank	10/23/2009	Metal	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Beryllium	Total	=	50.4	µg/L	EPA 200.8	0.022	0.1			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Beryllium	Total	=	43.5	µg/L	EPA 200.8	0.022	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Beryllium	Total	=	49.8	µg/L	EPA 200.8	0.022	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Beryllium	Total	=	42.7	µg/L	EPA 200.8	0.022	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Beryllium	Total	=	85	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Beryllium	Total	=	87	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Beryllium	Total	=	101	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Beryllium	Total	=	49.8	µg/L	EPA 200.8	0.022	0.1			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Beryllium	Total	=	100	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Cadmium	Dissolved	=	47.8	µg/L	EPA 200.8	0.013	0.1			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Cadmium	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Cadmium	Total	=	45.2	µg/L	EPA 200.8	0.013	0.1			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Cadmium	Total	=	48.5	µg/L	EPA 200.8	0.013	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Cadmium	Total	=	43.4	µg/L	EPA 200.8	0.013	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Cadmium	Total	=	48.1	µg/L	EPA 200.8	0.013	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Cadmium	Total	=	86	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Cadmium	Total	=	89	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Cadmium	Total	=	4	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.013	0.1			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Cadmium	Total	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Chromium	Dissolved	=	45.2	µg/L	EPA 200.8	0.012	0.2			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Chromium	Dissolved	=	90	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Chromium	Dissolved	<	0.012	µg/L	EPA 200.8	0.012	0.2			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Chromium	Total	=	70	µg/L	EPA 200.8	0.012	0.2			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Chromium	Total	=	53	µg/L	EPA 200.8	0.012	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Chromium	Total	=	54	µg/L	EPA 200.8	0.012	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Chromium	Total	=	71.7	µg/L	EPA 200.8	0.012	0.2			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Chromium	Total	=	99	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Chromium	Total	=	2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Chromium	Total	=	47.1	µg/L	EPA 200.8	0.012	0.2			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Chromium	Total	<	0.012	µg/L	EPA 200.8	0.012	0.2			X
2009/10-1	000NONPJ	lab duplicate	10/16/2009	Metal	Chromium VI	n/a	=	1.33	µg/L	EPA 218.6	0.0059	0.3		10	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike	10/16/2009	Metal	Chromium VI	n/a	=	6.03	µg/L	EPA 218.6	0.0059	0.3			DS
2009/10-1	000NONPJ	matrix spike	10/16/2009	Metal	Chromium VI	n/a	=	5.26	µg/L	EPA 218.6	0.0059	0.3			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Metal	Chromium VI	n/a	=	5.92	µg/L	EPA 218.6	0.0059	0.3			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Metal	Chromium VI	n/a	=	5.35	µg/L	EPA 218.6	0.0059	0.3			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Metal	Chromium VI	n/a	=	101	%	EPA 218.6	-88	-88	88	112	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Metal	Chromium VI	n/a	=	103	%	EPA 218.6	-88	-88	88	112	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Metal	Chromium VI	n/a	=	105	%	EPA 218.6	-88	-88	88	112	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	DS
2009/10-1	Lab	LCS	10/16/2009	Metal	Chromium VI	n/a	=	5.22	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-1	Lab	LCS, rec	10/16/2009	Metal	Chromium VI	n/a	=	104	%	EPA 218.6	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/16/2009	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Copper	Dissolved	=	47.5	µg/L	EPA 200.8	0.022	0.5			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Copper	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Copper	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.5			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Copper	Total	=	55.4	µg/L	EPA 200.8	0.022	0.5			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Copper	Total	=	76	µg/L	EPA 200.8	0.022	0.5			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Copper	Total	=	53.4	µg/L	EPA 200.8	0.022	0.5			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Copper	Total	=	76.1	µg/L	EPA 200.8	0.022	0.5			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Copper	Total	=	80	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Copper	Total	=	84	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Copper	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Copper	Total	=	4	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Copper	Total	=	49	µg/L	EPA 200.8	0.022	0.5			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Copper	Total	<	0.022	µg/L	EPA 200.8	0.022	0.5			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Iron	Dissolved	=	1120	µg/L	EPA 200.8	0.6	20			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Iron	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Iron	Dissolved	<	0.6	µg/L	EPA 200.8	0.6	20			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Iron	Total	=	2900	µg/L	EPA 200.8	0.6	20			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Iron	Total	=	8070	µg/L	EPA 200.8	0.6	20			DS,GB
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Iron	Total	=	3090	µg/L	EPA 200.8	0.6	20			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Iron	Total	=	8730	µg/L	EPA 200.8	0.6	20			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Iron	Total	=	97	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Iron	Total	=	121	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Iron	Total	=	35	%	EPA 200.8	-88	-88	70	130	DS,GB
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Iron	Total	=	103	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Iron	Total	=	6	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Iron	Total	=	8	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Iron	Total	=	942	µg/L	EPA 200.8	0.6	20			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Iron	Total	=	90	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Iron	Total	<	0.6	µg/L	EPA 200.8	0.6	20			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Lead	Dissolved	=	47.9	µg/L	EPA 200.8	0.017	0.2			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Lead	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	method blank	10/23/2009	Metal	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Lead	Total	=	54	µg/L	EPA 200.8	0.017	0.2			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Lead	Total	=	55.6	µg/L	EPA 200.8	0.017	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Lead	Total	=	55.6	µg/L	EPA 200.8	0.017	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Lead	Total	=	54.5	µg/L	EPA 200.8	0.017	0.2			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Lead	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Lead	Total	=	0.02	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Lead	Total	=	47	µg/L	EPA 200.8	0.017	0.2			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Lead	Total	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Lead	Total	<	0.017	µg/L	EPA 200.8	0.017	0.2			X
2009/10-1	000NONPJ	matrix spike	10/22/2009	Metal	Mercury	Dissolved	=	1760	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike	10/22/2009	Metal	Mercury	Dissolved	=	1760	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike dup	10/22/2009	Metal	Mercury	Dissolved	=	1720	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike dup	10/22/2009	Metal	Mercury	Dissolved	=	1750	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/22/2009	Metal	Mercury	Dissolved	=	86	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/22/2009	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/22/2009	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/22/2009	Metal	Mercury	Dissolved	=	88	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/22/2009	Metal	Mercury	Dissolved	=	2	%	EPA 245.1	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/22/2009	Metal	Mercury	Dissolved	=	0.6	%	EPA 245.1	-88	-88	0	20	DS
2009/10-1	Lab	LCS	10/22/2009	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	3.9	50			X
2009/10-1	Lab	LCS, rec	10/22/2009	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/22/2009	Metal	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50			X
2009/10-1	000NONPJ	matrix spike	10/22/2009	Metal	Mercury	Total	=	1760	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike	10/22/2009	Metal	Mercury	Total	=	1760	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike	10/22/2009	Metal	Mercury	Total	=	990	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike dup	10/22/2009	Metal	Mercury	Total	=	1720	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike dup	10/22/2009	Metal	Mercury	Total	=	1750	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike dup	10/22/2009	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/22/2009	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/22/2009	Metal	Mercury	Total	=	86	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/22/2009	Metal	Mercury	Total	=	86	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/22/2009	Metal	Mercury	Total	=	88	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/22/2009	Metal	Mercury	Total	=	87	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/22/2009	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/22/2009	Metal	Mercury	Total	=	0.6	%	EPA 245.1	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/22/2009	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/22/2009	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	DS
2009/10-1	Lab	LCS	10/22/2009	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			X
2009/10-1	Lab	LCS	10/22/2009	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-1	Lab	LCS, rec	10/22/2009	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	85	115	X
2009/10-1	Lab	LCS, rec	10/22/2009	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/22/2009	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	method blank	10/22/2009	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Nickel	Dissolved	=	46.6	µg/L	EPA 200.8	0.011	0.8			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Nickel	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Nickel	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.8			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Nickel	Total	=	56.7	µg/L	EPA 200.8	0.011	0.8			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Nickel	Total	=	67.3	µg/L	EPA 200.8	0.011	0.8			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Nickel	Total	=	57.9	µg/L	EPA 200.8	0.011	0.8			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Nickel	Total	=	68.5	µg/L	EPA 200.8	0.011	0.8			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Nickel	Total	=	91	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Nickel	Total	=	88	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Nickel	Total	=	97	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Nickel	Total	=	47.9	µg/L	EPA 200.8	0.011	0.8			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Nickel	Total	<	0.011	µg/L	EPA 200.8	0.011	0.8			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Selenium	Dissolved	=	49.1	µg/L	EPA 200.8	0.017	0.4			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Selenium	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.4			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Selenium	Total	=	47.5	µg/L	EPA 200.8	0.017	0.4			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Selenium	Total	=	46.7	µg/L	EPA 200.8	0.017	0.4			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Selenium	Total	=	47.1	µg/L	EPA 200.8	0.017	0.4			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Selenium	Total	=	46.2	µg/L	EPA 200.8	0.017	0.4			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Selenium	Total	=	85	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Selenium	Total	=	91	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Selenium	Total	=	86	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Selenium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Selenium	Total	=	45.8	µg/L	EPA 200.8	0.017	0.4			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Selenium	Total	=	92	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Selenium	Total	<	0.017	µg/L	EPA 200.8	0.017	0.4			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Silver	Dissolved	=	48.1	µg/L	EPA 200.8	0.008	0.2			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	11/16/2009	Metal	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Silver	Total	=	47.2	µg/L	EPA 200.8	0.008	0.2			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Silver	Total	=	49.5	µg/L	EPA 200.8	0.008	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Silver	Total	=	45.7	µg/L	EPA 200.8	0.008	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Silver	Total	=	48.8	µg/L	EPA 200.8	0.008	0.2			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Silver	Total	=	3	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Silver	Total	=	49.8	µg/L	EPA 200.8	0.008	0.2			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Silver	Total	=	100	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Silver	Total	=	0.249	µg/L	EPA 200.8	0.008	0.2			IP
2009/10-1	Lab	LCS	10/23/2009	Metal	Thallium	Dissolved	=	46.5	µg/L	EPA 200.8	0.02	0.2			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Thallium	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Thallium	Total	=	50.4	µg/L	EPA 200.8	0.02	0.2			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Thallium	Total	=	52.3	µg/L	EPA 200.8	0.02	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Thallium	Total	=	52	µg/L	EPA 200.8	0.02	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Thallium	Total	=	49.6	µg/L	EPA 200.8	0.02	0.2			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Thallium	Total	=	101	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Thallium	Total	=	104	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Thallium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Thallium	Total	=	47.1	µg/L	EPA 200.8	0.02	0.2			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Thallium	Total	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-1	Lab	LCS	10/23/2009	Metal	Zinc	Dissolved	=	48	µg/L	EPA 200.8	0.3	5			X
2009/10-1	Lab	LCS, rec	10/23/2009	Metal	Zinc	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/23/2009	Metal	Zinc	Dissolved	<	0.3	µg/L	EPA 200.8	0.3	5			X
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Zinc	Total	=	81.2	µg/L	EPA 200.8	0.3	5			DS
2009/10-1	000NONPJ	matrix spike	10/29/2009	Metal	Zinc	Total	=	200	µg/L	EPA 200.8	0.3	5			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Zinc	Total	=	79.9	µg/L	EPA 200.8	0.3	5			DS
2009/10-1	000NONPJ	matrix spike dup	10/29/2009	Metal	Zinc	Total	=	201	µg/L	EPA 200.8	0.3	5			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Zinc	Total	=	97	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/29/2009	Metal	Zinc	Total	=	76	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Zinc	Total	=	78	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/29/2009	Metal	Zinc	Total	=	94	%	EPA 200.8	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/29/2009	Metal	Zinc	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/29/2009	Metal	Zinc	Total	=	48.8	µg/L	EPA 200.8	0.3	5			X
2009/10-1	Lab	LCS, rec	10/29/2009	Metal	Zinc	Total	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-1	Lab	method blank	10/29/2009	Metal	Zinc	Total	<	0.3	µg/L	EPA 200.8	0.3	5			X
2009/10-1	000NONPJ	matrix spike	10/27/2009	Nutrient	Ammonia as N	n/a	=	1	mg/L	EPA 350.1	0.048	0.1			DS
2009/10-1	000NONPJ	matrix spike	10/27/2009	Nutrient	Ammonia as N	n/a	=	1.02	mg/L	EPA 350.1	0.048	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/27/2009	Nutrient	Ammonia as N	n/a	=	1	mg/L	EPA 350.1	0.048	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/27/2009	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/27/2009	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/27/2009	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/27/2009	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/27/2009	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/27/2009	Nutrient	Ammonia as N	n/a	=	7	%	EPA 350.1	-88	-88	0	10	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/27/2009	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	10	DS
2009/10-1	Lab	LCS	10/27/2009	Nutrient	Ammonia as N	n/a	=	1.02	mg/L	EPA 350.1	0.048	0.1			X
2009/10-1	Lab	LCS, rec	10/27/2009	Nutrient	Ammonia as N	n/a	=	102	%	EPA 350.1	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/27/2009	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	3.04	mg/L	EPA 353.2	0.033	0.1			DS
2009/10-1	000NONPJ	matrix spike	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	2.38	mg/L	EPA 353.2	0.033	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	2.41	mg/L	EPA 353.2	0.033	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	3.09	mg/L	EPA 353.2	0.033	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	DS
2009/10-1	Lab	LCS	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	0.989	mg/L	EPA 353.2	0.033	0.1			X
2009/10-1	Lab	LCS, rec	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/15/2009	Nutrient	Nitrate + Nitrite as N	n/a	<	0.033	mg/L	EPA 353.2	0.033	0.1			X
2009/10-1	000NONPJ	matrix spike	10/15/2009	Nutrient	Nitrate as N	n/a	=	2.38	mg/L	EPA 353.2	0.022	0.1			DS
2009/10-1	000NONPJ	matrix spike	10/15/2009	Nutrient	Nitrate as N	n/a	=	3.04	mg/L	EPA 353.2	0.022	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/15/2009	Nutrient	Nitrate as N	n/a	=	2.41	mg/L	EPA 353.2	0.022	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/15/2009	Nutrient	Nitrate as N	n/a	=	3.09	mg/L	EPA 353.2	0.022	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/15/2009	Nutrient	Nitrate as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/15/2009	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/15/2009	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/15/2009	Nutrient	Nitrate as N	n/a	=	101	%	EPA 353.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/15/2009	Nutrient	Nitrate as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/15/2009	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	DS
2009/10-1	Lab	LCS	10/15/2009	Nutrient	Nitrate as N	n/a	=	0.989	mg/L	EPA 353.2	0.022	0.1			X
2009/10-1	Lab	LCS, rec	10/15/2009	Nutrient	Nitrate as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/15/2009	Nutrient	Nitrate as N	n/a	<	0.022	mg/L	EPA 353.2	0.022	0.1			X
2009/10-1	Lab	LCS	10/23/2009	Nutrient	Phosphorus as P	Dissolved	=	0.0501	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-1	Lab	LCS, rec	10/23/2009	Nutrient	Phosphorus as P	Dissolved	=	100	%	EPA 365.1	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/23/2009	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-1	000NONPJ	matrix spike	10/23/2009	Nutrient	Phosphorus as P	Total	=	2.52	mg/L	EPA 365.1	0.028	0.2			DS,D,GB
2009/10-1	000NONPJ	matrix spike	10/23/2009	Nutrient	Phosphorus as P	Total	=	0.136	mg/L	EPA 365.1	0.0014	0.01			DS
2009/10-1	000NONPJ	matrix spike dup	10/23/2009	Nutrient	Phosphorus as P	Total	=	0.137	mg/L	EPA 365.1	0.0014	0.01			DS
2009/10-1	000NONPJ	matrix spike dup	10/23/2009	Nutrient	Phosphorus as P	Total	=	2.56	mg/L	EPA 365.1	0.028	0.2			DS,D
2009/10-1	000NONPJ	matrix spike dup, rec	10/23/2009	Nutrient	Phosphorus as P	Total	=	110	%	EPA 365.1	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/23/2009	Nutrient	Phosphorus as P	Total	=	92	%	EPA 365.1	-88	-88	90	110	DS,D
2009/10-1	000NONPJ	matrix spike, rec	10/23/2009	Nutrient	Phosphorus as P	Total	=	84	%	EPA 365.1	-88	-88	90	110	DS,D,GB
2009/10-1	000NONPJ	matrix spike, rec	10/23/2009	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/23/2009	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	10	DS,D
2009/10-1	000NONPJ	matrix spike, RPD	10/23/2009	Nutrient	Phosphorus as P	Total	=	0.7	%	EPA 365.1	-88	-88	0	10	DS
2009/10-1	Lab	LCS	10/23/2009	Nutrient	Phosphorus as P	Total	=	0.0501	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-1	Lab	LCS, rec	10/23/2009	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/23/2009	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-1	000NONPJ	matrix spike	10/26/2009	Nutrient	TKN	n/a	=	1.25	mg/L	EPA 351.2	0.074	0.1			DS
2009/10-1	000NONPJ	matrix spike	10/26/2009	Nutrient	TKN	n/a	=	1.16	mg/L	EPA 351.2	0.074	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/26/2009	Nutrient	TKN	n/a	=	1.12	mg/L	EPA 351.2	0.074	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/26/2009	Nutrient	TKN	n/a	=	1.24	mg/L	EPA 351.2	0.074	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/26/2009	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	DS

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike dup, rec	10/26/2009	Nutrient	TKN	n/a	=	94	%	EPA 351.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/26/2009	Nutrient	TKN	n/a	=	103	%	EPA 351.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, rec	10/26/2009	Nutrient	TKN	n/a	=	95	%	EPA 351.2	-88	-88	90	110	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/26/2009	Nutrient	TKN	n/a	=	4	%	EPA 351.2	-88	-88	0	15	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/26/2009	Nutrient	TKN	n/a	=	0.8	%	EPA 351.2	-88	-88	0	15	DS
2009/10-1	Lab	LCS	10/26/2009	Nutrient	TKN	n/a	=	0.994	mg/L	EPA 351.2	0.074	0.1			X
2009/10-1	Lab	LCS, rec	10/26/2009	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	X
2009/10-1	Lab	method blank	10/26/2009	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	35.5	µg/L	EPA 625	0.26	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	41.7	µg/L	EPA 625	0.26	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	83	%	EPA 625	-88	-88	44	142	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	44	142	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	1,2-Dichlorobenzene	n/a	=	36.6	µg/L	EPA 625	0.3	2			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	1,2-Dichlorobenzene	n/a	=	43.1	µg/L	EPA 625	0.3	2			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	1,2-Dichlorobenzene	n/a	=	86	%	EPA 625	-88	-88	32	129	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	1,2-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	32	129	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	1,2-Dichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2			X
2009/10-1	Lab	srgt LCS	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.9	µg/L	EPA 524.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	11	µg/L	EPA 524.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	110	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	srgt LCS, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	119	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	srgt method blank	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.94	µg/L	EPA 524.2	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	99	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	ME-CC	srgt environ	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.7	µg/L	EPA 524.2	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	107	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	ME-SCR	srgt environ	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	11	µg/L	EPA 524.2	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	110	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	ME-VR2	srgt environ	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.8	µg/L	EPA 524.2	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	108	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	MO-CAM	srgt environ	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	13.6	µg/L	EPA 524.2	-88	-88			GN
2009/10-1	MO-CAM	srgt environ, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	136	%	EPA 524.2	-88	-88	70	130	GN
2009/10-1	MO-MEI	srgt environ	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	12.3	µg/L	EPA 524.2	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	123	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	MO-OJA	srgt environ	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	12.6	µg/L	EPA 524.2	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	126	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	MO-VEN	srgt environ	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.7	µg/L	EPA 524.2	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/15/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	117	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/24/2009	Organic	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	1,3-Dichlorobenzene	n/a	=	36	µg/L	EPA 625	0.36	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	1,3-Dichlorobenzene	n/a	=	42.8	µg/L	EPA 625	0.36	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	1,3-Dichlorobenzene	n/a	=	86	%	EPA 625	-88	-88	0.1	172	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	1,3-Dichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	0.1	172	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	1,3-Dichlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	srgt LCS	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.48	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.04	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	Lab	srgt LCS, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	Lab	srgt method blank	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.99	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	Lab	srgt LCS	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.59	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.653	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	131	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	Lab	srgt LCS, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	118	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	Lab	srgt method blank	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.02	µg/L	EPA 525.2	-88	-88			GN
2009/10-1	Lab	srgt method blank, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	205	%	EPA 525.2	-88	-88	73	136	GN
2009/10-1	ME-CC	srgt environ	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.3	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	ME-CC	srgt environ	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.982	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	ME-SCR	srgt environ	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.9	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	101	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	ME-SCR	srgt environ	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.1	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	110	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	ME-VR2	srgt environ	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.38	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	ME-VR2	srgt environ	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.11	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	MO-CAM	srgt environ	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	9.76	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	MO-CAM	srgt environ	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.07	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	MO-MEI	srgt environ	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	8.06	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	MO-MEI	srgt environ	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.955	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	MO-OJA	srgt environ	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	6.45	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	MO-OJA	srgt environ	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.11	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	111	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	MO-VEN	srgt environ	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	7.06	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/20/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	MO-VEN	srgt environ	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.93	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/29/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	73	136	X
2009/10-1	Lab	LCS	10/24/2009	Organic	1,4-Dichlorobenzene	n/a	=	35.8	µg/L	EPA 625	0.32	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	1,4-Dichlorobenzene	n/a	=	42.2	µg/L	EPA 625	0.32	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	1,4-Dichlorobenzene	n/a	=	84	%	EPA 625	-88	-88	20	124	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	20	124	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	1,4-Dichlorobenzene	n/a	=	16	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1			X
2009/10-1	Lab	srgt LCS	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	94.5	µg/L	EPA 625	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	srgt LCS dup	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	95.8	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	Lab	srgt LCS, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	Lab	srgt method blank	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	91	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	ME-CC	srgt environ	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	100	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	ME-SCR	srgt environ	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	78.9	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	ME-VR2	srgt environ	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	93.1	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	93	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	MO-CAM	srgt environ	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	84.4	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	MO-MEI	srgt environ	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	91.4	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	MO-OJA	srgt environ	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	99.9	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	MO-VEN	srgt environ	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	95.4	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/24/2009	Organic	2,4,6-Tribromophenol	n/a	=	95	%	EPA 625	-88	-88	0.1	157	X
2009/10-1	Lab	LCS	10/24/2009	Organic	2,4,6-Trichlorophenol	n/a	=	37.2	µg/L	EPA 625	0.88	10			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	2,4,6-Trichlorophenol	n/a	=	39.4	µg/L	EPA 625	0.88	10			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	2,4,6-Trichlorophenol	n/a	=	79	%	EPA 625	-88	-88	37	144	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	2,4,6-Trichlorophenol	n/a	=	74	%	EPA 625	-88	-88	37	144	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	2,4,6-Trichlorophenol	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	2,4,6-Trichlorophenol	n/a	<	0.88	µg/L	EPA 625	0.88	10			X
2009/10-1	Lab	LCS	10/24/2009	Organic	2,4-Dichlorophenol	n/a	=	38.7	µg/L	EPA 625	0.77	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	2,4-Dichlorophenol	n/a	=	43.6	µg/L	EPA 625	0.77	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	2,4-Dichlorophenol	n/a	=	87	%	EPA 625	-88	-88	39	135	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	2,4-Dichlorophenol	n/a	=	77	%	EPA 625	-88	-88	39	135	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	2,4-Dichlorophenol	n/a	=	12	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	2,4-Dichlorophenol	n/a	<	0.77	µg/L	EPA 625	0.77	5			X
2009/10-1	000NONPJ	srgt matrix spike	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.41	µg/L	EPA 515.3	-88	-88			X
2009/10-1	000NONPJ	srgt matrix spike dup	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.91	µg/L	EPA 515.3	-88	-88			X
2009/10-1	000NONPJ	srgt matrix spike dup, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	000NONPJ	srgt matrix spike, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	srgt LCS	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.89	µg/L	EPA 515.3	-88	-88			X
2009/10-1	Lab	srgt LCS, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	99	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	srgt method blank	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	ME-CC	srgt environ	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	ME-SCR	srgt environ	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.62	µg/L	EPA 515.3	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	ME-VR2	srgt environ	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.58	µg/L	EPA 515.3	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	96	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	MO-CAM	srgt environ	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.68	µg/L	EPA 515.3	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	87	%	EPA 515.3	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	MO-MEI	srgt environ	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.27	µg/L	EPA 515.3	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	93	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	MO-OJA	srgt environ	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.9	µg/L	EPA 515.3	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	109	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	MO-VEN	srgt environ	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/16/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	LCS	10/24/2009	Organic	2,4-Dimethylphenol	n/a	=	41.3	µg/L	EPA 625	0.8	2			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	2,4-Dimethylphenol	n/a	=	42.9	µg/L	EPA 625	0.8	2			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	2,4-Dimethylphenol	n/a	=	86	%	EPA 625	-88	-88	1.33	117	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	2,4-Dimethylphenol	n/a	=	83	%	EPA 625	-88	-88	1.33	117	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	2,4-Dimethylphenol	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	2,4-Dimethylphenol	n/a	<	0.8	µg/L	EPA 625	0.8	2			X
2009/10-1	Lab	LCS	10/24/2009	Organic	2,4-Dinitrophenol	n/a	=	37.1	µg/L	EPA 625	5	10			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	2,4-Dinitrophenol	n/a	=	46.4	µg/L	EPA 625	5	10			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	2,4-Dinitrophenol	n/a	=	93	%	EPA 625	-88	-88	0.1	191	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	2,4-Dinitrophenol	n/a	=	74	%	EPA 625	-88	-88	0.1	191	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	2,4-Dinitrophenol	n/a	=	22	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 625	5	10			X
2009/10-1	Lab	LCS	10/24/2009	Organic	2,4-Dinitrotoluene	n/a	=	48.4	µg/L	EPA 625	0.4	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	2,4-Dinitrotoluene	n/a	=	50.8	µg/L	EPA 625	0.4	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	2,4-Dinitrotoluene	n/a	=	102	%	EPA 625	-88	-88	39	139	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	2,4-Dinitrotoluene	n/a	=	97	%	EPA 625	-88	-88	39	139	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	2,6-Dinitrotoluene	n/a	=	40.1	µg/L	EPA 625	0.24	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	2,6-Dinitrotoluene	n/a	=	41.8	µg/L	EPA 625	0.24	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	2,6-Dinitrotoluene	n/a	=	84	%	EPA 625	-88	-88	50	158	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	2,6-Dinitrotoluene	n/a	=	80	%	EPA 625	-88	-88	50	158	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	2,6-Dinitrotoluene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5			X
2009/10-1	Lab	LCS	10/15/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	5.34	µg/L	EPA 524.2	0.35	1			X
2009/10-1	Lab	LCS dup	10/15/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	5.4	µg/L	EPA 524.2	0.35	1			X
2009/10-1	Lab	LCS dup, rec	10/15/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	90	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	LCS, rec	10/15/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	89	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	LCS, RPD	10/15/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	1	%	EPA 524.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/15/2009	Organic	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	2-Chloronaphthalene	n/a	=	37.1	µg/L	EPA 625	0.26	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	2-Chloronaphthalene	n/a	=	40.6	µg/L	EPA 625	0.26	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	2-Chloronaphthalene	n/a	=	81	%	EPA 625	-88	-88	60	118	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	2-Chloronaphthalene	n/a	=	74	%	EPA 625	-88	-88	60	118	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	2-Chloronaphthalene	n/a	=	9	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	2-Chlorophenol	n/a	=	35.5	µg/L	EPA 625	0.71	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	2-Chlorophenol	n/a	=	41	µg/L	EPA 625	0.71	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	2-Chlorophenol	n/a	=	82	%	EPA 625	-88	-88	23	134	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	2-Chlorophenol	n/a	=	71	%	EPA 625	-88	-88	23	134	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	2-Chlorophenol	n/a	=	15	%	EPA 625	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	method blank	10/24/2009	Organic	2-Chlorophenol	n/a	<	0.71	µg/L	EPA 625	0.71	5			X
2009/10-1	Lab	srgt LCS	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	37.1	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	40.5	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	81	%	EPA 625	-88	-88	22	130	X
2009/10-1	Lab	srgt LCS, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	130	X
2009/10-1	Lab	srgt method blank	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	42	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	130	X
2009/10-1	ME-CC	srgt environ	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	44	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625	-88	-88	22	130	X
2009/10-1	ME-SCR	srgt environ	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	35.9	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	130	X
2009/10-1	ME-VR2	srgt environ	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	45	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	90	%	EPA 625	-88	-88	22	130	X
2009/10-1	MO-CAM	srgt environ	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	36.5	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	130	X
2009/10-1	MO-MEI	srgt environ	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	42.7	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	130	X
2009/10-1	MO-OJA	srgt environ	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	44.1	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625	-88	-88	22	130	X
2009/10-1	MO-VEN	srgt environ	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	40	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/24/2009	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 625	-88	-88	22	130	X
2009/10-1	Lab	srgt LCS	10/24/2009	Organic	2-Fluorophenol	n/a	=	52.5	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/24/2009	Organic	2-Fluorophenol	n/a	=	61.7	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	62	%	EPA 625	-88	-88	6	96	X
2009/10-1	Lab	srgt LCS, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625	-88	-88	6	96	X
2009/10-1	Lab	srgt method blank	10/24/2009	Organic	2-Fluorophenol	n/a	=	66	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	66	%	EPA 625	-88	-88	6	96	X
2009/10-1	ME-CC	srgt environ	10/24/2009	Organic	2-Fluorophenol	n/a	=	55.6	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	56	%	EPA 625	-88	-88	6	96	X
2009/10-1	ME-SCR	srgt environ	10/24/2009	Organic	2-Fluorophenol	n/a	=	58.8	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	59	%	EPA 625	-88	-88	6	96	X
2009/10-1	ME-VR2	srgt environ	10/24/2009	Organic	2-Fluorophenol	n/a	=	64.7	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	65	%	EPA 625	-88	-88	6	96	X
2009/10-1	MO-CAM	srgt environ	10/24/2009	Organic	2-Fluorophenol	n/a	=	55.5	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	6	96	X
2009/10-1	MO-MEI	srgt environ	10/24/2009	Organic	2-Fluorophenol	n/a	=	66.7	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	67	%	EPA 625	-88	-88	6	96	X
2009/10-1	MO-OJA	srgt environ	10/24/2009	Organic	2-Fluorophenol	n/a	=	64.4	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	64	%	EPA 625	-88	-88	6	96	X
2009/10-1	MO-VEN	srgt environ	10/24/2009	Organic	2-Fluorophenol	n/a	=	61.6	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/24/2009	Organic	2-Fluorophenol	n/a	=	62	%	EPA 625	-88	-88	6	96	X
2009/10-1	Lab	LCS	10/24/2009	Organic	2-Nitrophenol	n/a	=	39.8	µg/L	EPA 625	0.84	10			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	2-Nitrophenol	n/a	=	45.5	µg/L	EPA 625	0.84	10			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	2-Nitrophenol	n/a	=	91	%	EPA 625	-88	-88	29	182	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	2-Nitrophenol	n/a	=	80	%	EPA 625	-88	-88	29	182	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	2-Nitrophenol	n/a	=	13	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	2-Nitrophenol	n/a	<	0.84	µg/L	EPA 625	0.84	10			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS	10/24/2009	Organic	3,3'-Dichlorobenzidine	n/a	=	27.4	µg/L	EPA 625	0.3	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	3,3'-Dichlorobenzidine	n/a	=	27.8	µg/L	EPA 625	0.3	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	3,3'-Dichlorobenzidine	n/a	=	56	%	EPA 625	-88	-88	0.1	262	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	3,3'-Dichlorobenzidine	n/a	=	55	%	EPA 625	-88	-88	0.1	262	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	3,3'-Dichlorobenzidine	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	=	44.6	µg/L	EPA 625	0.33	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	=	50.6	µg/L	EPA 625	0.33	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	=	101	%	EPA 625	-88	-88	0.1	181	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	=	89	%	EPA 625	-88	-88	0.1	181	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	=	13	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.33	µg/L	EPA 625	0.33	5			X
2009/10-1	Lab	srgt LCS	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	11.1	µg/L	EPA 524.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	10.7	µg/L	EPA 524.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	107	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	srgt LCS, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	111	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	srgt method blank	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	10	µg/L	EPA 524.2	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	ME-CC	srgt environ	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	10.4	µg/L	EPA 524.2	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	ME-SCR	srgt environ	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	10.5	µg/L	EPA 524.2	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	ME-VR2	srgt environ	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	10.4	µg/L	EPA 524.2	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	MO-CAM	srgt environ	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	11.9	µg/L	EPA 524.2	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	119	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	MO-MEI	srgt environ	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	11.2	µg/L	EPA 524.2	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	112	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	MO-OJA	srgt environ	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	11.4	µg/L	EPA 524.2	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	114	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	MO-VEN	srgt environ	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	11.1	µg/L	EPA 524.2	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/15/2009	Organic	4-Bromofluorobenzene	n/a	=	111	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	LCS	10/24/2009	Organic	4-Bromophenyl phenyl ether	n/a	=	42	µg/L	EPA 625	0.23	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	4-Bromophenyl phenyl ether	n/a	=	44.6	µg/L	EPA 625	0.23	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	4-Bromophenyl phenyl ether	n/a	=	89	%	EPA 625	-88	-88	56	127	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	4-Bromophenyl phenyl ether	n/a	=	84	%	EPA 625	-88	-88	56	127	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	4-Bromophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	4-Chloro-3-methylphenol	n/a	=	37.2	µg/L	EPA 625	0.4	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	4-Chloro-3-methylphenol	n/a	=	39.5	µg/L	EPA 625	0.4	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	4-Chloro-3-methylphenol	n/a	=	79	%	EPA 625	-88	-88	22	147	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 625	-88	-88	22	147	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	4-Chloro-3-methylphenol	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	4-Chloro-3-methylphenol	n/a	<	0.4	µg/L	EPA 625	0.4	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	4-Chlorophenyl phenyl ether	n/a	=	46.2	µg/L	EPA 625	0.24	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	4-Chlorophenyl phenyl ether	n/a	=	48.8	µg/L	EPA 625	0.24	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	4-Chlorophenyl phenyl ether	n/a	=	98	%	EPA 625	-88	-88	25	158	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	4-Chlorophenyl phenyl ether	n/a	=	92	%	EPA 625	-88	-88	25	158	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	4-Chlorophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	4-Nitrophenol	n/a	=	20.2	µg/L	EPA 625	6.7	10			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	4-Nitrophenol	n/a	=	22	µg/L	EPA 625	6.7	10			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	4-Nitrophenol	n/a	=	44	%	EPA 625	-88	-88	0.1	132	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	4-Nitrophenol	n/a	=	40	%	EPA 625	-88	-88	0.1	132	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	4-Nitrophenol	n/a	=	9	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	4-Nitrophenol	n/a	<	6.7	µg/L	EPA 625	6.7	10			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Acenaphthene	n/a	=	43.5	µg/L	EPA 625	0.31	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Acenaphthene	n/a	=	46.5	µg/L	EPA 625	0.31	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Acenaphthene	n/a	=	93	%	EPA 625	-88	-88	47	145	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Acenaphthene	n/a	=	87	%	EPA 625	-88	-88	47	145	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Acenaphthene	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Acenaphthene	n/a	<	0.31	µg/L	EPA 625	0.31	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Acenaphthylene	n/a	=	39.6	µg/L	EPA 625	0.26	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Acenaphthylene	n/a	=	42.2	µg/L	EPA 625	0.26	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Acenaphthylene	n/a	=	84	%	EPA 625	-88	-88	33	145	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Acenaphthylene	n/a	=	79	%	EPA 625	-88	-88	33	145	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Acenaphthylene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Acenaphthylene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Anthracene	n/a	=	44.5	µg/L	EPA 625	0.28	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Anthracene	n/a	=	45.1	µg/L	EPA 625	0.28	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Anthracene	n/a	=	90	%	EPA 625	-88	-88	27	133	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Anthracene	n/a	=	89	%	EPA 625	-88	-88	27	133	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Anthracene	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Anthracene	n/a	<	0.28	µg/L	EPA 625	0.28	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Benz(a)anthracene	n/a	=	41.6	µg/L	EPA 625	0.19	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Benz(a)anthracene	n/a	=	42	µg/L	EPA 625	0.19	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Benz(a)anthracene	n/a	=	84	%	EPA 625	-88	-88	33	143	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Benz(a)anthracene	n/a	=	83	%	EPA 625	-88	-88	33	143	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Benz(a)anthracene	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	5			X
2009/10-1	Lab	method blank	10/24/2009	Organic	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5			X
2009/10-1	Lab	LCS	10/20/2009	Organic	Benzo(a)pyrene	n/a	=	1.73	µg/L	EPA 525.2	0.073	0.1			EUM
2009/10-1	Lab	LCS dup	10/20/2009	Organic	Benzo(a)pyrene	n/a	=	1.08	µg/L	EPA 525.2	0.073	0.1			EUM,IL
2009/10-1	Lab	LCS dup, rec	10/20/2009	Organic	Benzo(a)pyrene	n/a	=	22	%	EPA 525.2	-88	-88	54	136	EUM,IL
2009/10-1	Lab	LCS, rec	10/20/2009	Organic	Benzo(a)pyrene	n/a	=	35	%	EPA 525.2	-88	-88	54	136	EUM
2009/10-1	Lab	LCS, RPD	10/20/2009	Organic	Benzo(a)pyrene	n/a	=	46	%	EPA 525.2	-88	-88	0	30	EUM,IL
2009/10-1	Lab	method blank	10/20/2009	Organic	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Benzo(b)fluoranthene	n/a	=	50.4	µg/L	EPA 625	0.16	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Benzo(b)fluoranthene	n/a	=	51.1	µg/L	EPA 625	0.16	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Benzo(b)fluoranthene	n/a	=	102	%	EPA 625	-88	-88	24	159	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Benzo(b)fluoranthene	n/a	=	101	%	EPA 625	-88	-88	24	159	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Benzo(b)fluoranthene	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Benzo(b)fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Benzo(g,h,i)perylene	n/a	=	43.4	µg/L	EPA 625	0.31	5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Benzo(g,h,i)perylene	n/a	=	39.5	µg/L	EPA 625	0.31	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Benzo(g,h,i)perylene	n/a	=	79	%	EPA 625	-88	-88	0.1	219	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 625	-88	-88	0.1	219	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Benzo(g,h,i)perylene	n/a	=	10	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Benzo(g,h,i)perylene	n/a	<	0.31	µg/L	EPA 625	0.31	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Benzo(k)fluoranthene	n/a	=	49.4	µg/L	EPA 625	0.23	10			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Benzo(k)fluoranthene	n/a	=	52.4	µg/L	EPA 625	0.23	10			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Benzo(k)fluoranthene	n/a	=	105	%	EPA 625	-88	-88	11	162	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Benzo(k)fluoranthene	n/a	=	99	%	EPA 625	-88	-88	11	162	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Benzo(k)fluoranthene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Benzo(k)fluoranthene	n/a	<	0.23	µg/L	EPA 625	0.23	10			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Bis(2-chloroethoxy)methane	n/a	=	39	µg/L	EPA 625	0.4	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Bis(2-chloroethoxy)methane	n/a	=	43.5	µg/L	EPA 625	0.4	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Bis(2-chloroethoxy)methane	n/a	=	87	%	EPA 625	-88	-88	33	184	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625	-88	-88	33	184	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Bis(2-chloroethoxy)methane	n/a	=	11	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Bis(2-chloroethyl)ether	n/a	=	36.2	µg/L	EPA 625	0.46	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Bis(2-chloroethyl)ether	n/a	=	41.7	µg/L	EPA 625	0.46	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Bis(2-chloroethyl)ether	n/a	=	83	%	EPA 625	-88	-88	12	158	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Bis(2-chloroethyl)ether	n/a	=	72	%	EPA 625	-88	-88	12	158	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Bis(2-chloroethyl)ether	n/a	=	14	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Bis(2-chloroisopropyl)ether	n/a	=	38.2	µg/L	EPA 625	0.48	2			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Bis(2-chloroisopropyl)ether	n/a	=	44	µg/L	EPA 625	0.48	2			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Bis(2-chloroisopropyl)ether	n/a	=	88	%	EPA 625	-88	-88	36	166	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Bis(2-chloroisopropyl)ether	n/a	=	76	%	EPA 625	-88	-88	36	166	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2			X
2009/10-1	Lab	LCS	10/20/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	1.59	µg/L	EPA 525.2	0.23	5			J,EUM
2009/10-1	Lab	LCS dup	10/20/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	1.13	µg/L	EPA 525.2	0.23	5			J,EUM,IL
2009/10-1	Lab	LCS dup, rec	10/20/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	23	%	EPA 525.2	-88	-88	50	145	J,EUM,IL
2009/10-1	Lab	LCS, rec	10/20/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	32	%	EPA 525.2	-88	-88	50	145	J,EUM
2009/10-1	Lab	LCS, RPD	10/20/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	34	%	EPA 525.2	-88	-88	0	30	J,EUM,IL
2009/10-1	Lab	method blank	10/20/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5			X
2009/10-1	Lab	LCS	10/20/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	2.19	µg/L	EPA 525.2	1.1	3			J,EUM,IL
2009/10-1	Lab	LCS dup	10/20/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.58	µg/L	EPA 525.2	1.1	3			J,EUM,IL
2009/10-1	Lab	LCS dup, rec	10/20/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	32	%	EPA 525.2	-88	-88	54	142	J,EUM,IL
2009/10-1	Lab	LCS, rec	10/20/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	44	%	EPA 525.2	-88	-88	54	142	J,EUM,IL
2009/10-1	Lab	LCS, RPD	10/20/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	32	%	EPA 525.2	-88	-88	0	30	J,EUM,IL
2009/10-1	Lab	method blank	10/20/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Butyl benzyl phthalate	n/a	=	42.2	µg/L	EPA 625	1	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Butyl benzyl phthalate	n/a	=	43.6	µg/L	EPA 625	1	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Butyl benzyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	152	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Butyl benzyl phthalate	n/a	=	84	%	EPA 625	-88	-88	0.1	152	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Butyl benzyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS	10/24/2009	Organic	Chrysene	n/a	=	46.3	µg/L	EPA 625	0.25	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Chrysene	n/a	=	48.2	µg/L	EPA 625	0.25	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Chrysene	n/a	=	96	%	EPA 625	-88	-88	17	168	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Chrysene	n/a	=	93	%	EPA 625	-88	-88	17	168	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Chrysene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Chrysene	n/a	<	0.25	µg/L	EPA 625	0.25	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Dibenz(a,h)anthracene	n/a	=	47.9	µg/L	EPA 625	0.32	10			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Dibenz(a,h)anthracene	n/a	=	46.6	µg/L	EPA 625	0.32	10			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Dibenz(a,h)anthracene	n/a	=	93	%	EPA 625	-88	-88	0.1	227	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Dibenz(a,h)anthracene	n/a	=	96	%	EPA 625	-88	-88	0.1	227	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Dibenz(a,h)anthracene	n/a	<	0.32	µg/L	EPA 625	0.32	10			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Diethyl phthalate	n/a	=	43.7	µg/L	EPA 625	0.23	2			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Diethyl phthalate	n/a	=	45.2	µg/L	EPA 625	0.23	2			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Diethyl phthalate	n/a	=	90	%	EPA 625	-88	-88	0.1	112	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Diethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Diethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Dimethyl phthalate	n/a	=	39.6	µg/L	EPA 625	0.26	2			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Dimethyl phthalate	n/a	=	40.8	µg/L	EPA 625	0.26	2			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Dimethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	112	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	112	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Di-n-butylphthalate	n/a	=	39.9	µg/L	EPA 625	0.53	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Di-n-butylphthalate	n/a	=	40.6	µg/L	EPA 625	0.53	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Di-n-butylphthalate	n/a	=	81	%	EPA 625	-88	-88	1	118	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Di-n-butylphthalate	n/a	=	80	%	EPA 625	-88	-88	1	118	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Di-n-octylphthalate	n/a	=	43.5	µg/L	EPA 625	0.28	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Di-n-octylphthalate	n/a	=	45	µg/L	EPA 625	0.28	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Di-n-octylphthalate	n/a	=	90	%	EPA 625	-88	-88	6	146	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Di-n-octylphthalate	n/a	=	87	%	EPA 625	-88	-88	6	146	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Fluoranthene	n/a	=	44	µg/L	EPA 625	0.16	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Fluoranthene	n/a	=	44.9	µg/L	EPA 625	0.16	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Fluoranthene	n/a	=	90	%	EPA 625	-88	-88	26	137	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Fluoranthene	n/a	=	88	%	EPA 625	-88	-88	26	137	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Fluoranthene	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Fluorene	n/a	=	51.8	µg/L	EPA 625	0.28	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Fluorene	n/a	=	54.4	µg/L	EPA 625	0.28	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Fluorene	n/a	=	109	%	EPA 625	-88	-88	59	121	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Fluorene	n/a	=	104	%	EPA 625	-88	-88	59	121	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Fluorene	n/a	=	5	%	EPA 625	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	method blank	10/24/2009	Organic	Fluorene	n/a	<	0.28	µg/L	EPA 625	0.28	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Hexachlorobenzene	n/a	=	45.6	µg/L	EPA 625	0.15	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Hexachlorobenzene	n/a	=	47.7	µg/L	EPA 625	0.15	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Hexachlorobenzene	n/a	=	95	%	EPA 625	-88	-88	0.1	152	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Hexachlorobenzene	n/a	=	91	%	EPA 625	-88	-88	0.1	152	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Hexachlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Hexachlorobutadiene	n/a	=	34.9	µg/L	EPA 625	0.41	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Hexachlorobutadiene	n/a	=	41.4	µg/L	EPA 625	0.41	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Hexachlorobutadiene	n/a	=	83	%	EPA 625	-88	-88	24	116	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Hexachlorobutadiene	n/a	=	70	%	EPA 625	-88	-88	24	116	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Hexachlorobutadiene	n/a	=	17	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Hexachlorocyclopentadiene	n/a	=	8.42	µg/L	EPA 625	5	5			IL
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Hexachlorocyclopentadiene	n/a	=	11.5	µg/L	EPA 625	5	10			IL
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Hexachlorocyclopentadiene	n/a	=	23	%	EPA 625	-88	-88	0.1	136	IL
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Hexachlorocyclopentadiene	n/a	=	17	%	EPA 625	-88	-88	0.1	136	IL
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Hexachlorocyclopentadiene	n/a	=	31	%	EPA 625	-88	-88	0	30	IL
2009/10-1	Lab	method blank	10/24/2009	Organic	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Hexachloroethane	n/a	=	35.2	µg/L	EPA 625	0.36	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Hexachloroethane	n/a	=	43.2	µg/L	EPA 625	0.36	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Hexachloroethane	n/a	=	86	%	EPA 625	-88	-88	40	113	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Hexachloroethane	n/a	=	70	%	EPA 625	-88	-88	40	113	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Hexachloroethane	n/a	=	20	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	46.6	µg/L	EPA 625	0.32	10			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	44.6	µg/L	EPA 625	0.32	10			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	89	%	EPA 625	-88	-88	0.1	171	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	93	%	EPA 625	-88	-88	0.1	171	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 625	0.32	10			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Isophorone	n/a	=	38.2	µg/L	EPA 625	0.33	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Isophorone	n/a	=	42.2	µg/L	EPA 625	0.33	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Isophorone	n/a	=	84	%	EPA 625	-88	-88	21	196	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Isophorone	n/a	=	76	%	EPA 625	-88	-88	21	196	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Isophorone	n/a	=	10	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1			X
2009/10-1	Lab	LCS	10/15/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.77	µg/L	EPA 524.2	1.1	3			X
2009/10-1	Lab	LCS dup	10/15/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.74	µg/L	EPA 524.2	1.1	3			X
2009/10-1	Lab	LCS dup, rec	10/15/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	96	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	LCS, rec	10/15/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	96	%	EPA 524.2	-88	-88	70	130	X
2009/10-1	Lab	LCS, RPD	10/15/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.5	%	EPA 524.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/15/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Naphthalene	n/a	=	31.4	µg/L	EPA 625	0.35	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Naphthalene	n/a	=	34.7	µg/L	EPA 625	0.35	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Naphthalene	n/a	=	69	%	EPA 625	-88	-88	21	133	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Naphthalene	n/a	=	63	%	EPA 625	-88	-88	21	133	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Naphthalene	n/a	=	10	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Naphthalene	n/a	<	0.35	µg/L	EPA 625	0.35	1			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Nitrobenzene	n/a	=	38.2	µg/L	EPA 625	0.37	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Nitrobenzene	n/a	=	43.4	µg/L	EPA 625	0.37	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Nitrobenzene	n/a	=	87	%	EPA 625	-88	-88	35	180	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Nitrobenzene	n/a	=	76	%	EPA 625	-88	-88	35	180	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Nitrobenzene	n/a	=	13	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1			X
2009/10-1	Lab	srgt LCS	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	41.4	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	46.2	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625	-88	-88	34	139	X
2009/10-1	Lab	srgt LCS, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	34	139	X
2009/10-1	Lab	srgt method blank	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	48.4	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625	-88	-88	34	139	X
2009/10-1	ME-CC	srgt environ	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	48.5	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625	-88	-88	34	139	X
2009/10-1	ME-SCR	srgt environ	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	40.7	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625	-88	-88	34	139	X
2009/10-1	ME-VR2	srgt environ	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	50.8	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	102	%	EPA 625	-88	-88	34	139	X
2009/10-1	MO-CAM	srgt environ	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	40.3	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625	-88	-88	34	139	X
2009/10-1	MO-MEI	srgt environ	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	48.7	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 625	-88	-88	34	139	X
2009/10-1	MO-OJA	srgt environ	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	49.3	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	99	%	EPA 625	-88	-88	34	139	X
2009/10-1	MO-VEN	srgt environ	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	44.1	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/24/2009	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	34	139	X
2009/10-1	Lab	LCS	10/24/2009	Organic	N-Nitrosodimethylamine	n/a	=	25.9	µg/L	EPA 625	0.36	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	N-Nitrosodimethylamine	n/a	=	30	µg/L	EPA 625	0.36	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	N-Nitrosodimethylamine	n/a	=	60	%	EPA 625	-88	-88	27	78	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	N-Nitrosodimethylamine	n/a	=	52	%	EPA 625	-88	-88	27	78	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	N-Nitrosodimethylamine	n/a	=	15	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	37.5	µg/L	EPA 625	0.41	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	40.9	µg/L	EPA 625	0.41	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625	-88	-88	0.1	230	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	75	%	EPA 625	-88	-88	0.1	230	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	9	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	N-Nitrosodiphenylamine	n/a	=	40	µg/L	EPA 625	0.23	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	N-Nitrosodiphenylamine	n/a	=	41.5	µg/L	EPA 625	0.23	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	N-Nitrosodiphenylamine	n/a	=	83	%	EPA 625	-88	-88	48	129	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	N-Nitrosodiphenylamine	n/a	=	80	%	EPA 625	-88	-88	48	129	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	N-Nitrosodiphenylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1			X
2009/10-1	Lab	srgt LCS	10/20/2009	Organic	Perylene-d12	n/a	=	3.25	µg/L	EPA 525.2	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	srgt LCS dup	10/20/2009	Organic	Perylene-d12	n/a	=	3.58	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/20/2009	Organic	Perylene-d12	n/a	=	72	%	EPA 525.2	-88	-88	48	141	X
2009/10-1	Lab	srgt LCS, rec	10/20/2009	Organic	Perylene-d12	n/a	=	65	%	EPA 525.2	-88	-88	48	141	X
2009/10-1	Lab	srgt method blank	10/20/2009	Organic	Perylene-d12	n/a	=	3.32	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/20/2009	Organic	Perylene-d12	n/a	=	66	%	EPA 525.2	-88	-88	48	141	X
2009/10-1	ME-CC	srgt environ	10/20/2009	Organic	Perylene-d12	n/a	=	2.83	µg/L	EPA 525.2	-88	-88			GN
2009/10-1	ME-CC	srgt environ, rec	10/20/2009	Organic	Perylene-d12	n/a	=	45	%	EPA 525.2	-88	-88	48	141	GN
2009/10-1	ME-SCR	srgt environ	10/20/2009	Organic	Perylene-d12	n/a	=	3.73	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/20/2009	Organic	Perylene-d12	n/a	=	64	%	EPA 525.2	-88	-88	48	141	X
2009/10-1	ME-VR2	srgt environ	10/20/2009	Organic	Perylene-d12	n/a	=	3.08	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/20/2009	Organic	Perylene-d12	n/a	=	58	%	EPA 525.2	-88	-88	48	141	X
2009/10-1	MO-CAM	srgt environ	10/20/2009	Organic	Perylene-d12	n/a	=	4.55	µg/L	EPA 525.2	-88	-88			GN
2009/10-1	MO-CAM	srgt environ, rec	10/20/2009	Organic	Perylene-d12	n/a	=	46	%	EPA 525.2	-88	-88	48	141	GN
2009/10-1	MO-MEI	srgt environ	10/20/2009	Organic	Perylene-d12	n/a	=	4.16	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/20/2009	Organic	Perylene-d12	n/a	=	50	%	EPA 525.2	-88	-88	48	141	X
2009/10-1	MO-OJA	srgt environ	10/20/2009	Organic	Perylene-d12	n/a	=	0.98	µg/L	EPA 525.2	-88	-88			GN
2009/10-1	MO-OJA	srgt environ, rec	10/20/2009	Organic	Perylene-d12	n/a	=	17	%	EPA 525.2	-88	-88	48	141	GN
2009/10-1	MO-VEN	srgt environ	10/20/2009	Organic	Perylene-d12	n/a	=	2.67	µg/L	EPA 525.2	-88	-88			GN
2009/10-1	MO-VEN	srgt environ, rec	10/20/2009	Organic	Perylene-d12	n/a	=	36	%	EPA 525.2	-88	-88	48	141	GN
2009/10-1	Lab	LCS	10/24/2009	Organic	Phenanthrene	n/a	=	44.6	µg/L	EPA 625	0.25	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Phenanthrene	n/a	=	45.4	µg/L	EPA 625	0.25	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Phenanthrene	n/a	=	91	%	EPA 625	-88	-88	54	120	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Phenanthrene	n/a	=	89	%	EPA 625	-88	-88	54	120	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Phenanthrene	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Phenanthrene	n/a	<	0.25	µg/L	EPA 625	0.25	5			X
2009/10-1	Lab	LCS	10/24/2009	Organic	Phenol	n/a	=	17.2	µg/L	EPA 625	0.3	1			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Phenol	n/a	=	19.7	µg/L	EPA 625	0.3	1			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Phenol	n/a	=	39	%	EPA 625	-88	-88	5	112	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Phenol	n/a	=	34	%	EPA 625	-88	-88	5	112	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Phenol	n/a	=	13	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Phenol	n/a	<	0.3	µg/L	EPA 625	0.3	1			X
2009/10-1	Lab	srgt LCS	10/24/2009	Organic	Phenol-d5	n/a	=	33.7	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/24/2009	Organic	Phenol-d5	n/a	=	37.9	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/24/2009	Organic	Phenol-d5	n/a	=	38	%	EPA 625	-88	-88	2	70	X
2009/10-1	Lab	srgt LCS, rec	10/24/2009	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	2	70	X
2009/10-1	Lab	srgt method blank	10/24/2009	Organic	Phenol-d5	n/a	=	39	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/24/2009	Organic	Phenol-d5	n/a	=	39	%	EPA 625	-88	-88	2	70	X
2009/10-1	ME-CC	srgt environ	10/24/2009	Organic	Phenol-d5	n/a	=	32.2	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/24/2009	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	2	70	X
2009/10-1	ME-SCR	srgt environ	10/24/2009	Organic	Phenol-d5	n/a	=	39.4	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/24/2009	Organic	Phenol-d5	n/a	=	39	%	EPA 625	-88	-88	2	70	X
2009/10-1	ME-VR2	srgt environ	10/24/2009	Organic	Phenol-d5	n/a	=	40.7	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/24/2009	Organic	Phenol-d5	n/a	=	41	%	EPA 625	-88	-88	2	70	X
2009/10-1	MO-CAM	srgt environ	10/24/2009	Organic	Phenol-d5	n/a	=	32.9	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/24/2009	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	2	70	X
2009/10-1	MO-MEI	srgt environ	10/24/2009	Organic	Phenol-d5	n/a	=	40.1	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/24/2009	Organic	Phenol-d5	n/a	=	40	%	EPA 625	-88	-88	2	70	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	MO-OJA	srgt environ	10/24/2009	Organic	Phenol-d5	n/a	=	42	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/24/2009	Organic	Phenol-d5	n/a	=	42	%	EPA 625	-88	-88	2	70	X
2009/10-1	MO-VEN	srgt environ	10/24/2009	Organic	Phenol-d5	n/a	=	36.1	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/24/2009	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	2	70	X
2009/10-1	Lab	srgt LCS	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	26.5	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	27.5	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 625	-88	-88	6	145	X
2009/10-1	Lab	srgt LCS, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	53	%	EPA 625	-88	-88	6	145	X
2009/10-1	Lab	srgt method blank	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	29.4	µg/L	EPA 625	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	59	%	EPA 625	-88	-88	6	145	X
2009/10-1	ME-CC	srgt environ	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	27	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 625	-88	-88	6	145	X
2009/10-1	ME-SCR	srgt environ	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	22.4	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	45	%	EPA 625	-88	-88	6	145	X
2009/10-1	ME-VR2	srgt environ	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	30.1	µg/L	EPA 625	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 625	-88	-88	6	145	X
2009/10-1	MO-CAM	srgt environ	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	30.6	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	61	%	EPA 625	-88	-88	6	145	X
2009/10-1	MO-MEI	srgt environ	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	35.4	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	6	145	X
2009/10-1	MO-OJA	srgt environ	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	33.7	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 625	-88	-88	6	145	X
2009/10-1	MO-VEN	srgt environ	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	30.9	µg/L	EPA 625	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/24/2009	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	6	145	X
2009/10-1	Lab	LCS	10/24/2009	Organic	Pyrene	n/a	=	42.3	µg/L	EPA 625	0.16	5			X
2009/10-1	Lab	LCS dup	10/24/2009	Organic	Pyrene	n/a	=	43.4	µg/L	EPA 625	0.16	5			X
2009/10-1	Lab	LCS dup, rec	10/24/2009	Organic	Pyrene	n/a	=	87	%	EPA 625	-88	-88	52	115	X
2009/10-1	Lab	LCS, rec	10/24/2009	Organic	Pyrene	n/a	=	85	%	EPA 625	-88	-88	52	115	X
2009/10-1	Lab	LCS, RPD	10/24/2009	Organic	Pyrene	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/24/2009	Organic	Pyrene	n/a	<	0.16	µg/L	EPA 625	0.16	5			X
2009/10-1	Lab	srgt LCS	10/22/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.102	µg/L	EPA 608	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/22/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.109	µg/L	EPA 608	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/22/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	109	%	EPA 608	-88	-88	26	131	X
2009/10-1	Lab	srgt LCS, rec	10/22/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	102	%	EPA 608	-88	-88	26	131	X
2009/10-1	Lab	srgt method blank	10/22/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.104	µg/L	EPA 608	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/22/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	104	%	EPA 608	-88	-88	26	131	X
2009/10-1	ME-CC	srgt environ	10/22/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0812	µg/L	EPA 608	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/22/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	81	%	EPA 608	-88	-88	26	131	X
2009/10-1	ME-SCR	srgt environ	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0966	µg/L	EPA 608	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	97	%	EPA 608	-88	-88	26	131	X
2009/10-1	ME-VR2	srgt environ	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0874	µg/L	EPA 608	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608	-88	-88	26	131	X
2009/10-1	MO-CAM	srgt environ	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0701	µg/L	EPA 608	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	70	%	EPA 608	-88	-88	26	131	X
2009/10-1	MO-MEI	srgt environ	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.06	µg/L	EPA 608	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	60	%	EPA 608	-88	-88	26	131	X
2009/10-1	MO-OJA	srgt environ	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.107	µg/L	EPA 608	-88	-88			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	MO-OJA	srgt environ, rec	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	107	%	EPA 608	-88	-88	26	131	X
2009/10-1	MO-VEN	srgt environ	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0491	µg/L	EPA 608	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/23/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	49	%	EPA 608	-88	-88	26	131	X
2009/10-1	Lab	srgt LCS	10/20/2009	Organic	Triphenylphosphate	n/a	=	5.12	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/20/2009	Organic	Triphenylphosphate	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	Lab	srgt LCS, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	102	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	Lab	srgt method blank	10/20/2009	Organic	Triphenylphosphate	n/a	=	4.59	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	Lab	srgt LCS	10/29/2009	Organic	Triphenylphosphate	n/a	=	0.549	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/29/2009	Organic	Triphenylphosphate	n/a	=	0.551	µg/L	EPA 525.2	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	Lab	srgt LCS, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	110	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	Lab	srgt method blank	10/29/2009	Organic	Triphenylphosphate	n/a	=	1.01	µg/L	EPA 525.2	-88	-88			GN
2009/10-1	Lab	srgt method blank, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	202	%	EPA 525.2	-88	-88	71	150	GN
2009/10-1	ME-CC	srgt environ	10/20/2009	Organic	Triphenylphosphate	n/a	=	5.35	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	86	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	ME-CC	srgt environ	10/29/2009	Organic	Triphenylphosphate	n/a	=	0.946	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	ME-SCR	srgt environ	10/20/2009	Organic	Triphenylphosphate	n/a	=	5.77	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	ME-SCR	srgt environ	10/29/2009	Organic	Triphenylphosphate	n/a	=	1.08	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	ME-VR2	srgt environ	10/20/2009	Organic	Triphenylphosphate	n/a	=	5.13	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	ME-VR2	srgt environ	10/29/2009	Organic	Triphenylphosphate	n/a	=	1.19	µg/L	EPA 525.2	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	119	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	MO-CAM	srgt environ	10/20/2009	Organic	Triphenylphosphate	n/a	=	8.6	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	87	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	MO-CAM	srgt environ	10/29/2009	Organic	Triphenylphosphate	n/a	=	0.727	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	73	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	MO-MEI	srgt environ	10/20/2009	Organic	Triphenylphosphate	n/a	=	7.3	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	MO-MEI	srgt environ	10/29/2009	Organic	Triphenylphosphate	n/a	=	0.767	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	77	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	MO-OJA	srgt environ	10/20/2009	Organic	Triphenylphosphate	n/a	=	5.3	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	MO-OJA	srgt environ	10/29/2009	Organic	Triphenylphosphate	n/a	=	0.879	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	MO-VEN	srgt environ	10/20/2009	Organic	Triphenylphosphate	n/a	=	5.79	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/20/2009	Organic	Triphenylphosphate	n/a	=	78	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	MO-VEN	srgt environ	10/29/2009	Organic	Triphenylphosphate	n/a	=	0.785	µg/L	EPA 525.2	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/29/2009	Organic	Triphenylphosphate	n/a	=	78	%	EPA 525.2	-88	-88	71	150	X
2009/10-1	Lab	srgt LCS	10/22/2009	PCB	PCB 209	n/a	=	0.0814	µg/L	EPA 608	-88	-88			X
2009/10-1	Lab	srgt LCS dup	10/22/2009	PCB	PCB 209	n/a	=	0.0786	µg/L	EPA 608	-88	-88			X
2009/10-1	Lab	srgt LCS dup, rec	10/22/2009	PCB	PCB 209	n/a	=	79	%	EPA 608	-88	-88	0.1	154	X
2009/10-1	Lab	srgt LCS, rec	10/22/2009	PCB	PCB 209	n/a	=	81	%	EPA 608	-88	-88	0.1	154	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	srgt method blank	10/22/2009	PCB	PCB 209	n/a	=	0.0756	µg/L	EPA 608	-88	-88			X
2009/10-1	Lab	srgt method blank, rec	10/22/2009	PCB	PCB 209	n/a	=	76	%	EPA 608	-88	-88	0.1	154	X
2009/10-1	ME-CC	srgt environ	10/22/2009	PCB	PCB 209	n/a	=	0.0455	µg/L	EPA 608	-88	-88			X
2009/10-1	ME-CC	srgt environ, rec	10/22/2009	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	154	X
2009/10-1	ME-SCR	srgt environ	10/23/2009	PCB	PCB 209	n/a	=	0.0311	µg/L	EPA 608	-88	-88			X
2009/10-1	ME-SCR	srgt environ, rec	10/23/2009	PCB	PCB 209	n/a	=	31	%	EPA 608	-88	-88	0.1	154	X
2009/10-1	ME-VR2	srgt environ	10/23/2009	PCB	PCB 209	n/a	=	0.0571	µg/L	EPA 608	-88	-88			X
2009/10-1	ME-VR2	srgt environ, rec	10/23/2009	PCB	PCB 209	n/a	=	57	%	EPA 608	-88	-88	0.1	154	X
2009/10-1	MO-CAM	srgt environ	10/23/2009	PCB	PCB 209	n/a	=	0.0286	µg/L	EPA 608	-88	-88			X
2009/10-1	MO-CAM	srgt environ, rec	10/23/2009	PCB	PCB 209	n/a	=	29	%	EPA 608	-88	-88	0.1	154	X
2009/10-1	MO-MEI	srgt environ	10/23/2009	PCB	PCB 209	n/a	=	0.0297	µg/L	EPA 608	-88	-88			X
2009/10-1	MO-MEI	srgt environ, rec	10/23/2009	PCB	PCB 209	n/a	=	30	%	EPA 608	-88	-88	0.1	154	X
2009/10-1	MO-OJA	srgt environ	10/23/2009	PCB	PCB 209	n/a	=	0.0565	µg/L	EPA 608	-88	-88			X
2009/10-1	MO-OJA	srgt environ, rec	10/23/2009	PCB	PCB 209	n/a	=	56	%	EPA 608	-88	-88	0.1	154	X
2009/10-1	MO-VEN	srgt environ	10/23/2009	PCB	PCB 209	n/a	=	0.0377	µg/L	EPA 608	-88	-88			X
2009/10-1	MO-VEN	srgt environ, rec	10/23/2009	PCB	PCB 209	n/a	=	38	%	EPA 608	-88	-88	0.1	154	X
2009/10-1	Lab	method blank	10/22/2009	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			X
2009/10-1	Lab	method blank	10/22/2009	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			X
2009/10-1	Lab	method blank	10/22/2009	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			X
2009/10-1	Lab	method blank	10/22/2009	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			X
2009/10-1	Lab	method blank	10/22/2009	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			X
2009/10-1	Lab	method blank	10/22/2009	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			X
2009/10-1	Lab	method blank	10/22/2009	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	2,4,5-T	n/a	=	2.47	µg/L	EPA 515.3	0.05	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	2,4,5-T	n/a	=	2.29	µg/L	EPA 515.3	0.05	0.2			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	2,4,5-T	n/a	=	114	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	2,4,5-T	n/a	=	123	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	2,4,5-T	n/a	=	8	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	2,4,5-T	n/a	=	1.83	µg/L	EPA 515.3	0.05	0.2			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	2,4,5-T	n/a	=	91	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	2,4,5-TP	n/a	=	2.36	µg/L	EPA 515.3	0.02	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	2,4,5-TP	n/a	=	2.43	µg/L	EPA 515.3	0.02	0.2			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	2,4,5-TP	n/a	=	122	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	2,4,5-TP	n/a	=	118	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	2,4,5-TP	n/a	=	3	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	2,4,5-TP	n/a	=	2.09	µg/L	EPA 515.3	0.02	0.2			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	2,4-D	n/a	=	2.82	µg/L	EPA 515.3	0.05	0.4			DS,GB
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	2,4-D	n/a	=	2.88	µg/L	EPA 515.3	0.05	0.4			DS,GB
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	2,4-D	n/a	=	144	%	EPA 515.3	-88	-88	70	130	DS,GB
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	2,4-D	n/a	=	141	%	EPA 515.3	-88	-88	70	130	DS,GB
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	2,4-D	n/a	=	1.81	µg/L	EPA 515.3	0.05	0.4			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	2,4-D	n/a	=	90	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	2,4-DB	n/a	=	1.82	µg/L	EPA 515.3	0.42	1.3			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	2,4-DB	n/a	DNQ	2	µg/L	EPA 515.3	0.42	2			DS,J
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	2,4-DB	n/a	=	100	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	2,4-DB	n/a	=	91	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	2,4-DB	n/a	=	9	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	2,4-DB	n/a	=	2.57	µg/L	EPA 515.3	0.42	2			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	2,4-DB	n/a	=	129	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2			X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	-88	0.01			NMDL
2009/10-1	Lab	method blank	10/22/2009	Pesticide	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	-88	0.01			NMDL
2009/10-1	Lab	method blank	10/22/2009	Pesticide	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	-88	0.01			NMDL
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2.68	µg/L	EPA 515.3	0.08	1			DS,GB
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2.41	µg/L	EPA 515.3	0.08	1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	121	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	134	%	EPA 515.3	-88	-88	70	130	DS,GB
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	10	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2.08	µg/L	EPA 515.3	0.08	1			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	4,4'-DDD	n/a	=	0.119	µg/L	EPA 608	0.003	0.05			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	4,4'-DDD	n/a	=	0.119	µg/L	EPA 608	0.003	0.05			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	4,4'-DDD	n/a	=	119	%	EPA 608	-88	-88	30	141	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	4,4'-DDD	n/a	=	119	%	EPA 608	-88	-88	30	141	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	4,4'-DDD	n/a	=	0.2	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	4,4'-DDE	n/a	=	0.111	µg/L	EPA 608	0.0025	0.05			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	4,4'-DDE	n/a	=	0.113	µg/L	EPA 608	0.0025	0.05			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	4,4'-DDE	n/a	=	113	%	EPA 608	-88	-88	30	145	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	4,4'-DDE	n/a	=	111	%	EPA 608	-88	-88	30	145	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	4,4'-DDE	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	4,4'-DDT	n/a	=	0.144	µg/L	EPA 608	0.0031	0.01			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	4,4'-DDT	n/a	=	0.145	µg/L	EPA 608	0.0031	0.01			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	4,4'-DDT	n/a	=	145	%	EPA 608	-88	-88	25	160	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	4,4'-DDT	n/a	=	144	%	EPA 608	-88	-88	25	160	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	4,4'-DDT	n/a	=	0.9	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Acifluorfen	n/a	=	2.25	µg/L	EPA 515.3	0.05	0.4			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Acifluorfen	n/a	=	2.5	µg/L	EPA 515.3	0.05	0.4			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Acifluorfen	n/a	=	125	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Acifluorfen	n/a	=	112	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Acifluorfen	n/a	=	11	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	Acifluorfen	n/a	=	1.82	µg/L	EPA 515.3	0.05	0.4			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	Acifluorfen	n/a	=	91	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Alachlor	n/a	=	5.76	µg/L	EPA 525.2	0.07	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Alachlor	n/a	=	5.44	µg/L	EPA 525.2	0.07	0.1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Alachlor	n/a	=	109	%	EPA 525.2	-88	-88	58	164	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Alachlor	n/a	=	115	%	EPA 525.2	-88	-88	58	164	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Alachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	Aldrin	n/a	=	0.1	µg/L	EPA 608	0.0015	0.005			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	Aldrin	n/a	=	0.103	µg/L	EPA 608	0.0015	0.005			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	Aldrin	n/a	=	103	%	EPA 608	-88	-88	42	122	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	Aldrin	n/a	=	100	%	EPA 608	-88	-88	42	122	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	Aldrin	n/a	=	3	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	alpha-BHC	n/a	=	0.0994	µg/L	EPA 608	0.0018	0.01			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	alpha-BHC	n/a	=	0.103	µg/L	EPA 608	0.0018	0.01			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	alpha-BHC	n/a	=	103	%	EPA 608	-88	-88	37	134	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	alpha-BHC	n/a	=	99	%	EPA 608	-88	-88	37	134	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	alpha-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01			NMDL
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Atrazine	n/a	=	5.66	µg/L	EPA 525.2	0.047	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Atrazine	n/a	=	5.82	µg/L	EPA 525.2	0.047	0.1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Atrazine	n/a	=	116	%	EPA 525.2	-88	-88	68	133	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Atrazine	n/a	=	113	%	EPA 525.2	-88	-88	68	133	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Azinphos methyl	n/a	=	0.695	µg/L	EPA 525.2	0.0055	0.01			EUM
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Azinphos methyl	n/a	=	0.712	µg/L	EPA 525.2	0.0055	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Azinphos methyl	n/a	=	1420	%	EPA 525.2	-88	-88	53	303	EUM
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Azinphos methyl	n/a	=	1390	%	EPA 525.2	-88	-88	53	303	EUM
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Azinphos methyl	n/a	=	2	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Bentazon	n/a	=	2.28	µg/L	EPA 515.3	0.23	2			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Bentazon	n/a	=	2.1	µg/L	EPA 515.3	0.23	2			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Bentazon	n/a	=	105	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Bentazon	n/a	=	114	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Bentazon	n/a	=	8	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	Bentazon	n/a	=	2.62	µg/L	EPA 515.3	0.23	2			EU
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	Bentazon	n/a	=	131	%	EPA 515.3	-88	-88	70	130	EUM
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	beta-BHC	n/a	=	0.109	µg/L	EPA 608	0.0031	0.005			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	beta-BHC	n/a	=	0.111	µg/L	EPA 608	0.0031	0.005			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	beta-BHC	n/a	=	111	%	EPA 608	-88	-88	14	147	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	beta-BHC	n/a	=	109	%	EPA 608	-88	-88	14	147	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	beta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Bolstar	n/a	=	0.0546	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Bolstar	n/a	=	0.0546	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Bolstar	n/a	=	109	%	EPA 525.2	-88	-88	70	214	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Bolstar	n/a	=	109	%	EPA 525.2	-88	-88	70	214	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Bolstar	n/a	=	0.1	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Bromacil	n/a	=	5.87	µg/L	EPA 525.2	0.9	1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Bromacil	n/a	=	6.2	µg/L	EPA 525.2	0.9	1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Bromacil	n/a	=	124	%	EPA 525.2	-88	-88	43	177	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Bromacil	n/a	=	117	%	EPA 525.2	-88	-88	43	177	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Bromacil	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Butachlor	n/a	=	5.74	µg/L	EPA 525.2	0.1	0.2			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Butachlor	n/a	=	5.33	µg/L	EPA 525.2	0.1	0.2			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Butachlor	n/a	=	107	%	EPA 525.2	-88	-88	55	178	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Butachlor	n/a	=	115	%	EPA 525.2	-88	-88	55	178	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Butachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Captan	n/a	DNQ	0.52	µg/L	EPA 525.2	0	1			J,EUM,IL
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Captan	n/a	=	2.15	µg/L	EPA 525.2	0.86	1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Captan	n/a	=	43	%	EPA 525.2	-88	-88	20	215	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Captan	n/a	=	10	%	EPA 525.2	-88	-88	20	215	J,EUM,IL
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Captan	n/a	=	125	%	EPA 525.2	-88	-88	0	30	IL
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Chloramben	n/a	<	1	µg/L	EPA 515.3	-88	1			NMDL
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Chloropropham	n/a	=	5.92	µg/L	EPA 525.2	0.01	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Chloropropham	n/a	=	5.88	µg/L	EPA 525.2	0.01	0.1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Chloropropham	n/a	=	118	%	EPA 525.2	-88	-88	74	133	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Chloropropham	n/a	=	118	%	EPA 525.2	-88	-88	74	133	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Chloropropham	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Chlorpyrifos	n/a	=	0.0743	µg/L	EPA 525.2	0.0069	0.01			EUM
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Chlorpyrifos	n/a	=	0.0796	µg/L	EPA 525.2	0.0069	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Chlorpyrifos	n/a	=	159	%	EPA 525.2	-88	-88	70	131	EUM
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Chlorpyrifos	n/a	=	149	%	EPA 525.2	-88	-88	70	131	EUM
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Chlorpyrifos	n/a	=	7	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Coumaphos	n/a	=	0.196	µg/L	EPA 525.2	0.0051	0.01			EUM
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Coumaphos	n/a	=	0.215	µg/L	EPA 525.2	0.0051	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Coumaphos	n/a	=	429	%	EPA 525.2	-88	-88	70	271	EUM
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Coumaphos	n/a	=	393	%	EPA 525.2	-88	-88	70	271	EUM
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Coumaphos	n/a	=	9	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Cyanazine	n/a	=	4.47	µg/L	EPA 525.2	0.02	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Cyanazine	n/a	=	4.97	µg/L	EPA 525.2	0.02	0.1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Cyanazine	n/a	=	99	%	EPA 525.2	-88	-88	69	131	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Cyanazine	n/a	=	89	%	EPA 525.2	-88	-88	69	131	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Cyanazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Dalapon	n/a	=	1.52	µg/L	EPA 515.3	0.04	0.4			DS

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Dalapon	n/a	=	1.51	µg/L	EPA 515.3	0.04	0.4			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Dalapon	n/a	=	76	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Dalapon	n/a	=	76	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Dalapon	n/a	=	0.5	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	Dalapon	n/a	=	1.6	µg/L	EPA 515.3	0.04	0.4			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	Dalapon	n/a	=	80	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	DCPA (Dacthal)	n/a	=	4.71	µg/L	EPA 515.3	0.02	0.1			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	DCPA (Dacthal)	n/a	=	5.07	µg/L	EPA 515.3	0.02	0.1			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	DCPA (Dacthal)	n/a	=	103	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	DCPA (Dacthal)	n/a	=	85	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	DCPA (Dacthal)	n/a	=	7	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	DCPA (Dacthal)	n/a	=	1.64	µg/L	EPA 515.3	0.02	0.1			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	DCPA (Dacthal)	n/a	=	82	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	delta-BHC	n/a	=	0.113	µg/L	EPA 608	0.0025	0.005			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	delta-BHC	n/a	=	0.114	µg/L	EPA 608	0.0025	0.005			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	delta-BHC	n/a	=	114	%	EPA 608	-88	-88	19	140	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	delta-BHC	n/a	=	113	%	EPA 608	-88	-88	19	140	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	delta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Demeton-O	n/a	=	0.0721	µg/L	EPA 525.2	0.01	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Demeton-O	n/a	=	0.0775	µg/L	EPA 525.2	0.01	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Demeton-O	n/a	=	155	%	EPA 525.2	-88	-88	37	295	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Demeton-O	n/a	=	144	%	EPA 525.2	-88	-88	37	295	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Demeton-O	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Demeton-S	n/a	=	0.0475	µg/L	EPA 525.2	0.01	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Demeton-S	n/a	=	0.0504	µg/L	EPA 525.2	0.01	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Demeton-S	n/a	=	101	%	EPA 525.2	-88	-88	70	159	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Demeton-S	n/a	=	95	%	EPA 525.2	-88	-88	70	159	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Demeton-S	n/a	=	6	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Diazinon	n/a	=	0.0748	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Diazinon	n/a	=	0.0813	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Diazinon	n/a	=	163	%	EPA 525.2	-88	-88	70	163	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Diazinon	n/a	=	150	%	EPA 525.2	-88	-88	70	163	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Diazinon	n/a	=	8	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Dicamba	n/a	=	1.72	µg/L	EPA 515.3	0.08	0.6			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Dicamba	n/a	=	1.91	µg/L	EPA 515.3	0.08	0.6			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Dicamba	n/a	=	96	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Dicamba	n/a	=	86	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Dicamba	n/a	=	10	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	Dicamba	n/a	=	2.1	µg/L	EPA 515.3	0.08	0.6			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	Dicamba	n/a	=	105	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Dichlorprop	n/a	=	2.33	µg/L	EPA 515.3	0.06	0.3			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Dichlorprop	n/a	=	2.49	µg/L	EPA 515.3	0.06	0.3			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Dichlorprop	n/a	=	125	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Dichlorprop	n/a	=	116	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Dichlorprop	n/a	=	7	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	Dichlorprop	n/a	=	2.42	µg/L	EPA 515.3	0.06	0.3			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	Dichlorprop	n/a	=	121	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Dichlorvos	n/a	=	0.0548	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Dichlorvos	n/a	=	0.0692	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Dichlorvos	n/a	=	138	%	EPA 525.2	-88	-88	70	161	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Dichlorvos	n/a	=	110	%	EPA 525.2	-88	-88	70	161	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Dichlorvos	n/a	=	23	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	Dieldrin	n/a	=	0.106	µg/L	EPA 608	0.0021	0.01			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	Dieldrin	n/a	=	0.108	µg/L	EPA 608	0.0021	0.01			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	Dieldrin	n/a	=	108	%	EPA 608	-88	-88	36	146	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	Dieldrin	n/a	=	106	%	EPA 608	-88	-88	36	146	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	Dieldrin	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Dimethoate	n/a	=	0.0608	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Dimethoate	n/a	=	0.0737	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Dimethoate	n/a	=	147	%	EPA 525.2	-88	-88	70	352	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Dimethoate	n/a	=	122	%	EPA 525.2	-88	-88	70	352	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Dimethoate	n/a	=	19	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Dinoseb	n/a	=	1.9	µg/L	EPA 515.3	0.05	0.4			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Dinoseb	n/a	=	1.92	µg/L	EPA 515.3	0.05	0.4			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Dinoseb	n/a	=	96	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Dinoseb	n/a	=	95	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Dinoseb	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	Dinoseb	n/a	=	1.86	µg/L	EPA 515.3	0.05	0.4			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	Dinoseb	n/a	=	93	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Diphenamid	n/a	=	5.11	µg/L	EPA 525.2	0.02	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Diphenamid	n/a	=	5.29	µg/L	EPA 525.2	0.02	0.1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Diphenamid	n/a	=	106	%	EPA 525.2	-88	-88	82	144	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Diphenamid	n/a	=	102	%	EPA 525.2	-88	-88	82	144	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Diphenamid	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Disulfoton	n/a	=	0.0871	µg/L	EPA 525.2	0.01	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Disulfoton	n/a	=	0.0891	µg/L	EPA 525.2	0.01	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Disulfoton	n/a	=	178	%	EPA 525.2	-88	-88	56	269	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Disulfoton	n/a	=	174	%	EPA 525.2	-88	-88	56	269	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Disulfoton	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	Endosulfan I	n/a	=	0.105	µg/L	EPA 608	0.0017	0.02			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	Endosulfan I	n/a	=	0.107	µg/L	EPA 608	0.0017	0.02			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	Endosulfan I	n/a	=	107	%	EPA 608	-88	-88	45	153	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	Endosulfan I	n/a	=	105	%	EPA 608	-88	-88	45	153	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	Endosulfan I	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	Endosulfan II	n/a	=	0.109	µg/L	EPA 608	0.0019	0.01			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	Endosulfan II	n/a	=	0.11	µg/L	EPA 608	0.0019	0.01			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	Endosulfan II	n/a	=	110	%	EPA 608	-88	-88	2	202	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	Endosulfan II	n/a	=	109	%	EPA 608	-88	-88	2	202	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	Endosulfan II	n/a	=	0.6	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	Endosulfan sulfate	n/a	=	0.126	µg/L	EPA 608	0.008	0.05			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	Endosulfan sulfate	n/a	=	0.126	µg/L	EPA 608	0.008	0.05			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	Endosulfan sulfate	n/a	=	126	%	EPA 608	-88	-88	26	144	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	Endosulfan sulfate	n/a	=	126	%	EPA 608	-88	-88	26	144	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	Endosulfan sulfate	n/a	=	0.02	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	Endrin	n/a	=	0.124	µg/L	EPA 608	0.0028	0.01			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	Endrin	n/a	=	0.126	µg/L	EPA 608	0.0028	0.01			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	Endrin	n/a	=	126	%	EPA 608	-88	-88	30	147	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	Endrin	n/a	=	124	%	EPA 608	-88	-88	30	147	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	Endrin	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	Endrin aldehyde	n/a	=	0.135	µg/L	EPA 608	0.003	0.01			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	Endrin aldehyde	n/a	=	0.133	µg/L	EPA 608	0.003	0.01			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	Endrin aldehyde	n/a	=	133	%	EPA 608	-88	-88	41	203	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	Endrin aldehyde	n/a	=	135	%	EPA 608	-88	-88	41	203	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	Endrin aldehyde	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	EPTC	n/a	=	5.02	µg/L	EPA 525.2	0.23	1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	EPTC	n/a	=	4.97	µg/L	EPA 525.2	0.23	1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	EPTC	n/a	=	99	%	EPA 525.2	-88	-88	75	110	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	75	110	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Ethoprop	n/a	=	0.0839	µg/L	EPA 525.2	0.0067	0.01			EUM
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Ethoprop	n/a	=	0.0908	µg/L	EPA 525.2	0.0067	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Ethoprop	n/a	=	182	%	EPA 525.2	-88	-88	70	155	EUM
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Ethoprop	n/a	=	168	%	EPA 525.2	-88	-88	70	155	EUM
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Ethoprop	n/a	=	8	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Ethyl parathion	n/a	=	0.0711	µg/L	EPA 525.2	0.0001	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Ethyl parathion	n/a	=	0.076	µg/L	EPA 525.2	0.0001	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Ethyl parathion	n/a	=	152	%	EPA 525.2	-88	-88	70	242	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Ethyl parathion	n/a	=	142	%	EPA 525.2	-88	-88	70	242	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Ethyl parathion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Ethyl parathion	n/a	<	0.0001	µg/L	EPA 525.2	0.0001	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Fensulfothion	n/a	=	0.0771	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Fensulfothion	n/a	=	0.0827	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Fensulfothion	n/a	=	165	%	EPA 525.2	-88	-88	70	169	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Fensulfothion	n/a	=	154	%	EPA 525.2	-88	-88	70	169	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Fensulfothion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Fenthion	n/a	=	0.0781	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Fenthion	n/a	=	0.0873	µg/L	EPA 525.2	0.0038	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Fenthion	n/a	=	175	%	EPA 525.2	-88	-88	70	163	EUM
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Fenthion	n/a	=	156	%	EPA 525.2	-88	-88	70	163	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Fenthion	n/a	=	11	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	0.103	µg/L	EPA 608	0.0021	0.02			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	0.107	µg/L	EPA 608	0.0021	0.02			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	107	%	EPA 608	-88	-88	32	127	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	103	%	EPA 608	-88	-88	32	127	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01			NMDL
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Glyphosate	n/a	=	34.9	µg/L	EPA 547m	1.8	5			DS
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Glyphosate	n/a	=	30.2	µg/L	EPA 547m	1.8	5			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Glyphosate	n/a	=	30	µg/L	EPA 547m	1.8	5			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Glyphosate	n/a	=	36.2	µg/L	EPA 547m	1.8	5			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Glyphosate	n/a	=	88	%	EPA 547m	-88	-88	68	134	DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Glyphosate	n/a	=	90	%	EPA 547m	-88	-88	68	134	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Glyphosate	n/a	=	85	%	EPA 547m	-88	-88	68	134	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Glyphosate	n/a	=	88	%	EPA 547m	-88	-88	68	134	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Glyphosate	n/a	=	4	%	EPA 547m	-88	-88	0	30	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Glyphosate	n/a	=	0.4	%	EPA 547m	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	Glyphosate	n/a	=	26.2	µg/L	EPA 547m	1.8	5			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	Glyphosate	n/a	=	105	%	EPA 547m	-88	-88	71	137	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547m	1.8	5			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	Heptachlor	n/a	=	0.102	µg/L	EPA 608	0.0017	0.01			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	Heptachlor	n/a	=	0.106	µg/L	EPA 608	0.0017	0.01			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	Heptachlor	n/a	=	106	%	EPA 608	-88	-88	34	111	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	Heptachlor	n/a	=	102	%	EPA 608	-88	-88	34	111	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	Heptachlor	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			X
2009/10-1	Lab	LCS	10/22/2009	Pesticide	Heptachlor epoxide	n/a	=	0.103	µg/L	EPA 608	0.0019	0.01			X
2009/10-1	Lab	LCS dup	10/22/2009	Pesticide	Heptachlor epoxide	n/a	=	0.106	µg/L	EPA 608	0.0019	0.01			X
2009/10-1	Lab	LCS dup, rec	10/22/2009	Pesticide	Heptachlor epoxide	n/a	=	106	%	EPA 608	-88	-88	37	142	X
2009/10-1	Lab	LCS, rec	10/22/2009	Pesticide	Heptachlor epoxide	n/a	=	103	%	EPA 608	-88	-88	37	142	X
2009/10-1	Lab	LCS, RPD	10/22/2009	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Malathion	n/a	=	0.114	µg/L	EPA 525.2	0.0076	0.01			EUM
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Malathion	n/a	=	0.126	µg/L	EPA 525.2	0.0076	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Malathion	n/a	=	253	%	EPA 525.2	-88	-88	70	208	EUM

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Malathion	n/a	=	229	%	EPA 525.2	-88	-88	70	208	EUM
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Malathion	n/a	=	10	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Merphos	n/a	=	0.0745	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Merphos	n/a	=	0.0686	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Merphos	n/a	=	137	%	EPA 525.2	-88	-88	70	161	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Merphos	n/a	=	149	%	EPA 525.2	-88	-88	70	161	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Merphos	n/a	=	8	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Methyl parathion	n/a	=	0.105	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Methyl parathion	n/a	=	0.111	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Methyl parathion	n/a	=	222	%	EPA 525.2	-88	-88	70	229	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Methyl parathion	n/a	=	210	%	EPA 525.2	-88	-88	70	229	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Methyl parathion	n/a	=	5	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Metolachlor	n/a	=	5.9	µg/L	EPA 525.2	0.056	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Metolachlor	n/a	=	5.67	µg/L	EPA 525.2	0.056	0.1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Metolachlor	n/a	=	113	%	EPA 525.2	-88	-88	55	170	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Metolachlor	n/a	=	118	%	EPA 525.2	-88	-88	55	170	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Metolachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Metribuzin	n/a	=	5.32	µg/L	EPA 525.2	0.074	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Metribuzin	n/a	=	5.68	µg/L	EPA 525.2	0.074	0.1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Metribuzin	n/a	=	114	%	EPA 525.2	-88	-88	44	149	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Metribuzin	n/a	=	106	%	EPA 525.2	-88	-88	44	149	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Metribuzin	n/a	=	7	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Mevinphos	n/a	=	0.0759	µg/L	EPA 525.2	0.0042	0.01			EUM
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Mevinphos	n/a	=	0.0835	µg/L	EPA 525.2	0.0042	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Mevinphos	n/a	=	167	%	EPA 525.2	-88	-88	70	148	EUM
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Mevinphos	n/a	=	152	%	EPA 525.2	-88	-88	70	148	EUM
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Mevinphos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Mirex	n/a	<	0.01	µg/L	EPA 608	-88	0.01			NMDL
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Molinate	n/a	=	5.21	µg/L	EPA 525.2	0.051	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Molinate	n/a	=	5.19	µg/L	EPA 525.2	0.051	0.1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Molinate	n/a	=	104	%	EPA 525.2	-88	-88	76	116	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Molinate	n/a	=	104	%	EPA 525.2	-88	-88	76	116	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Molinate	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Naled	n/a	=	0.147	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Naled	n/a	=	0.151	µg/L	EPA 525.2	0.0076	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Naled	n/a	=	302	%	EPA 525.2	-88	-88	70	299	EUM
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Naled	n/a	=	294	%	EPA 525.2	-88	-88	70	299	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Naled	n/a	=	2	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Pentachlorophenol	n/a	=	2.33	µg/L	EPA 515.3	0.02	0.2			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Pentachlorophenol	n/a	=	2.32	µg/L	EPA 515.3	0.02	0.2			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Pentachlorophenol	n/a	=	116	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Pentachlorophenol	n/a	=	117	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Pentachlorophenol	n/a	=	0.3	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	Pentachlorophenol	n/a	=	2.29	µg/L	EPA 515.3	0.02	0.2			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	Pentachlorophenol	n/a	=	115	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Phorate	n/a	=	0.0735	µg/L	EPA 525.2	0.003	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Phorate	n/a	=	0.0776	µg/L	EPA 525.2	0.003	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Phorate	n/a	=	155	%	EPA 525.2	-88	-88	70	243	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Phorate	n/a	=	147	%	EPA 525.2	-88	-88	70	243	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Phorate	n/a	=	5	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			X
2009/10-1	000NONPJ	matrix spike	10/16/2009	Pesticide	Picloram	n/a	=	2.16	µg/L	EPA 515.3	0.34	0.6			DS
2009/10-1	000NONPJ	matrix spike dup	10/16/2009	Pesticide	Picloram	n/a	=	2.47	µg/L	EPA 515.3	0.34	0.6			DS
2009/10-1	000NONPJ	matrix spike dup, rec	10/16/2009	Pesticide	Picloram	n/a	=	123	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, rec	10/16/2009	Pesticide	Picloram	n/a	=	108	%	EPA 515.3	-88	-88	70	130	DS
2009/10-1	000NONPJ	matrix spike, RPD	10/16/2009	Pesticide	Picloram	n/a	=	13	%	EPA 515.3	-88	-88	0	30	DS
2009/10-1	Lab	LCS	10/16/2009	Pesticide	Picloram	n/a	=	1.68	µg/L	EPA 515.3	0.34	0.6			X
2009/10-1	Lab	LCS, rec	10/16/2009	Pesticide	Picloram	n/a	=	84	%	EPA 515.3	-88	-88	70	130	X
2009/10-1	Lab	method blank	10/16/2009	Pesticide	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Prometon	n/a	=	3.64	µg/L	EPA 525.2	0.16	0.2			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Prometon	n/a	=	4.61	µg/L	EPA 525.2	0.16	0.2			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Prometon	n/a	=	92	%	EPA 525.2	-88	-88	6	110	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Prometon	n/a	=	73	%	EPA 525.2	-88	-88	6	110	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Prometon	n/a	=	24	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Prometryn	n/a	=	5.42	µg/L	EPA 525.2	0.074	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Prometryn	n/a	=	5.56	µg/L	EPA 525.2	0.074	0.1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Prometryn	n/a	=	111	%	EPA 525.2	-88	-88	34	152	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Prometryn	n/a	=	108	%	EPA 525.2	-88	-88	34	152	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.101	µg/L	EPA 525.2	0.0041	0.01			EUM
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.104	µg/L	EPA 525.2	0.0041	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	207	%	EPA 525.2	-88	-88	70	145	EUM
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	202	%	EPA 525.2	-88	-88	70	145	EUM
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	3	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Simazine	n/a	=	5.42	µg/L	EPA 525.2	0.083	0.1			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Simazine	n/a	=	5.65	µg/L	EPA 525.2	0.083	0.1			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Simazine	n/a	=	113	%	EPA 525.2	-88	-88	54	156	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Simazine	n/a	=	108	%	EPA 525.2	-88	-88	54	156	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Simazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.13	µg/L	EPA 525.2	0.0031	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.133	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	265	%	EPA 525.2	-88	-88	70	278	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	259	%	EPA 525.2	-88	-88	70	278	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Terbacil	n/a	=	5	µg/L	EPA 525.2	0.55	2			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Terbacil	n/a	=	5.6	µg/L	EPA 525.2	0.55	2			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Terbacil	n/a	=	112	%	EPA 525.2	-88	-88	66	140	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	66	140	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Terbacil	n/a	=	11	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Thiobencarb	n/a	=	5.28	µg/L	EPA 525.2	0.11	0.2			X
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Thiobencarb	n/a	=	4.97	µg/L	EPA 525.2	0.11	0.2			X
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Thiobencarb	n/a	=	99	%	EPA 525.2	-88	-88	57	162	X
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Thiobencarb	n/a	=	106	%	EPA 525.2	-88	-88	57	162	X
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Thiobencarb	n/a	=	6	%	EPA 525.2	-88	-88	0	30	X
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Tokuthion	n/a	=	0.075	µg/L	EPA 525.2	0.0078	0.01			EUM
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Tokuthion	n/a	=	0.0727	µg/L	EPA 525.2	0.0078	0.01			EUM
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Tokuthion	n/a	=	145	%	EPA 525.2	-88	-88	70	122	EUM
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Tokuthion	n/a	=	150	%	EPA 525.2	-88	-88	70	122	EUM
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Tokuthion	n/a	=	3	%	EPA 525.2	-88	-88	0	25	EUM
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-1	Lab	method blank	10/22/2009	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			X
2009/10-1	Lab	LCS	10/29/2009	Pesticide	Trichloronate	n/a	=	0.0541	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-1	Lab	LCS dup	10/29/2009	Pesticide	Trichloronate	n/a	=	0.0556	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-1	Lab	LCS dup, rec	10/29/2009	Pesticide	Trichloronate	n/a	=	111	%	EPA 525.2	-88	-88	70	122	X
2009/10-1	Lab	LCS, rec	10/29/2009	Pesticide	Trichloronate	n/a	=	108	%	EPA 525.2	-88	-88	70	122	X
2009/10-1	Lab	LCS, RPD	10/29/2009	Pesticide	Trichloronate	n/a	=	3	%	EPA 525.2	-88	-88	0	25	X
2009/10-1	Lab	method blank	10/29/2009	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-1	Lab	LCS	10/20/2009	Pesticide	Trithion	n/a	=	2.94	µg/L	EPA 525.2	0.01	0.1			EUM
2009/10-1	Lab	LCS dup	10/20/2009	Pesticide	Trithion	n/a	=	2.51	µg/L	EPA 525.2	0.01	0.1			EUM
2009/10-1	Lab	LCS dup, rec	10/20/2009	Pesticide	Trithion	n/a	=	50	%	EPA 525.2	-88	-88	62	149	EUM
2009/10-1	Lab	LCS, rec	10/20/2009	Pesticide	Trithion	n/a	=	59	%	EPA 525.2	-88	-88	62	149	EUM
2009/10-1	Lab	LCS, RPD	10/20/2009	Pesticide	Trithion	n/a	=	16	%	EPA 525.2	-88	-88	0	30	EUM
2009/10-1	Lab	method blank	10/20/2009	Pesticide	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-2	000NONPJ	matrix spike	12/11/2009	Anion	Chloride	n/a	=	113	mg/L	EPA 300.0	0.79	5			X
2009/10-2	000NONPJ	matrix spike	12/11/2009	Anion	Chloride	n/a	=	63.2	mg/L	EPA 300.0	0.079	0.5			M
2009/10-2	000NONPJ	matrix spike dup	12/11/2009	Anion	Chloride	n/a	=	62.8	mg/L	EPA 300.0	0.079	0.5			M
2009/10-2	000NONPJ	matrix spike dup	12/11/2009	Anion	Chloride	n/a	=	113	mg/L	EPA 300.0	0.79	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/11/2009	Anion	Chloride	n/a	=	86	%	EPA 300.0	-88	-88	72	118	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/11/2009	Anion	Chloride	n/a	=	34	%	EPA 300.0	-88	-88	72	118	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/11/2009	Anion	Chloride	n/a	=	86	%	EPA 300.0	-88	-88	72	118	X
2009/10-2	000NONPJ	matrix spike, rec	12/11/2009	Anion	Chloride	n/a	=	44	%	EPA 300.0	-88	-88	72	118	M,GB
2009/10-2	000NONPJ	matrix spike, RPD	12/11/2009	Anion	Chloride	n/a	=	0.09	%	EPA 300.0	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/11/2009	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	M
2009/10-2	000NONPJ	matrix spike	12/12/2009	Anion	Chloride	n/a	=	46.2	mg/L	EPA 300.0	0.79	5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike	12/12/2009	Anion	Chloride	n/a	=	47.3	mg/L	EPA 300.0	0.4	2.5			X
2009/10-2	000NONPJ	matrix spike dup	12/12/2009	Anion	Chloride	n/a	=	48.2	mg/L	EPA 300.0	0.4	2.5			X
2009/10-2	000NONPJ	matrix spike dup	12/12/2009	Anion	Chloride	n/a	=	47.1	mg/L	EPA 300.0	0.79	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/12/2009	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	72	118	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/12/2009	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	72	118	X
2009/10-2	000NONPJ	matrix spike, rec	12/12/2009	Anion	Chloride	n/a	=	98	%	EPA 300.0	-88	-88	72	118	X
2009/10-2	000NONPJ	matrix spike, rec	12/12/2009	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	72	118	X
2009/10-2	000NONPJ	matrix spike, RPD	12/12/2009	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/12/2009	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	X
2009/10-2	Lab	LCS	12/11/2009	Anion	Chloride	n/a	=	3.65	mg/L	EPA 300.0	0.079	0.5			X
2009/10-2	Lab	LCS, rec	12/11/2009	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/11/2009	Anion	Chloride	n/a	DNQ	0.096	mg/L	EPA 300.0	0.079	0.5			J
2009/10-2	Lab	LCS	12/12/2009	Anion	Chloride	n/a	=	3.74	mg/L	EPA 300.0	0.079	0.5			X
2009/10-2	Lab	LCS, rec	12/12/2009	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/12/2009	Anion	Chloride	n/a	DNQ	0.109	mg/L	EPA 300.0	0.079	0.5			J
2009/10-2	000NONPJ	matrix spike	12/11/2009	Anion	Fluoride	n/a	=	18.2	mg/L	EPA 300.0	0.13	1			X
2009/10-2	000NONPJ	matrix spike	12/11/2009	Anion	Fluoride	n/a	=	1.89	mg/L	EPA 300.0	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/11/2009	Anion	Fluoride	n/a	=	18.4	mg/L	EPA 300.0	0.13	1			X
2009/10-2	000NONPJ	matrix spike dup	12/11/2009	Anion	Fluoride	n/a	=	1.92	mg/L	EPA 300.0	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/11/2009	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	79	109	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/11/2009	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	79	109	X
2009/10-2	000NONPJ	matrix spike, rec	12/11/2009	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	79	109	X
2009/10-2	000NONPJ	matrix spike, rec	12/11/2009	Anion	Fluoride	n/a	=	90	%	EPA 300.0	-88	-88	79	109	X
2009/10-2	000NONPJ	matrix spike, RPD	12/11/2009	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/11/2009	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike	12/12/2009	Anion	Fluoride	n/a	=	10.6	mg/L	EPA 300.0	0.065	0.5			X
2009/10-2	000NONPJ	matrix spike	12/12/2009	Anion	Fluoride	n/a	=	20.1	mg/L	EPA 300.0	0.13	1			X
2009/10-2	000NONPJ	matrix spike dup	12/12/2009	Anion	Fluoride	n/a	=	19.7	mg/L	EPA 300.0	0.13	1			X
2009/10-2	000NONPJ	matrix spike dup	12/12/2009	Anion	Fluoride	n/a	=	10.7	mg/L	EPA 300.0	0.065	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/12/2009	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	79	109	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/12/2009	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	79	109	X
2009/10-2	000NONPJ	matrix spike, rec	12/12/2009	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	X
2009/10-2	000NONPJ	matrix spike, rec	12/12/2009	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	79	109	X
2009/10-2	000NONPJ	matrix spike, RPD	12/12/2009	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/12/2009	Anion	Fluoride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	X
2009/10-2	Lab	LCS	12/11/2009	Anion	Fluoride	n/a	=	1.82	mg/L	EPA 300.0	0.013	0.1			X
2009/10-2	Lab	LCS, rec	12/11/2009	Anion	Fluoride	n/a	=	91	%	EPA 300.0	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/11/2009	Anion	Fluoride	n/a	<	0.013	mg/L	EPA 300.0	0.013	0.1			X
2009/10-2	Lab	LCS	12/12/2009	Anion	Fluoride	n/a	=	1.97	mg/L	EPA 300.0	0.013	0.1			X
2009/10-2	Lab	LCS, rec	12/12/2009	Anion	Fluoride	n/a	=	98	%	EPA 300.0	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/12/2009	Anion	Fluoride	n/a	<	0.013	mg/L	EPA 300.0	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike	12/11/2009	Anion	Perchlorate	n/a	=	11.7	µg/L	EPA 314.0	0.82	2			X
2009/10-2	000NONPJ	matrix spike dup	12/11/2009	Anion	Perchlorate	n/a	=	11.8	µg/L	EPA 314.0	0.82	2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/11/2009	Anion	Perchlorate	n/a	=	118	%	EPA 314.0	-88	-88	80	120	X
2009/10-2	000NONPJ	matrix spike, rec	12/11/2009	Anion	Perchlorate	n/a	=	117	%	EPA 314.0	-88	-88	80	120	X
2009/10-2	000NONPJ	matrix spike, RPD	12/11/2009	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Anion	Perchlorate	n/a	=	10.7	µg/L	EPA 314.0	0.82	2			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Anion	Perchlorate	n/a	=	10.9	µg/L	EPA 314.0	0.82	2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Anion	Perchlorate	n/a	=	109	%	EPA 314.0	-88	-88	80	120	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Anion	Perchlorate	n/a	=	107	%	EPA 314.0	-88	-88	80	120	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Anion	Perchlorate	n/a	=	2	%	EPA 314.0	-88	-88	0	15	X
2009/10-2	Lab	LCS	12/11/2009	Anion	Perchlorate	n/a	=	10.9	µg/L	EPA 314.0	0.82	2			X
2009/10-2	Lab	LCS, rec	12/11/2009	Anion	Perchlorate	n/a	=	109	%	EPA 314.0	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/11/2009	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-2	Lab	LCS	12/15/2009	Anion	Perchlorate	n/a	=	11.3	µg/L	EPA 314.0	0.82	2			X
2009/10-2	Lab	LCS, rec	12/15/2009	Anion	Perchlorate	n/a	=	113	%	EPA 314.0	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/15/2009	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Cation	Calcium	Total	=	58.4	mg/L	EPA 200.7	0.016	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Cation	Calcium	Total	=	59.4	mg/L	EPA 200.7	0.016	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Cation	Calcium	Total	=	91	%	EPA 200.7	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Cation	Calcium	Total	=	2	%	EPA 200.7	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Cation	Calcium	Total	=	47.3	mg/L	EPA 200.7	0.016	0.1			X
2009/10-2	Lab	LCS, rec	12/16/2009	Cation	Calcium	Total	=	94	%	EPA 200.7	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Cation	Magnesium	Total	=	50.8	mg/L	EPA 200.7	0.012	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Cation	Magnesium	Total	=	52.8	mg/L	EPA 200.7	0.012	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Cation	Magnesium	Total	=	96	%	EPA 200.7	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Cation	Magnesium	Total	=	92	%	EPA 200.7	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Cation	Magnesium	Total	=	4	%	EPA 200.7	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Cation	Magnesium	Total	=	47.3	mg/L	EPA 200.7	0.012	0.1			X
2009/10-2	Lab	LCS, rec	12/16/2009	Cation	Magnesium	Total	=	94	%	EPA 200.7	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			X
2009/10-2	000NONPJ	lab duplicate	12/10/2009	Conventional	Alkalinity as CaCO3	n/a	=	149	mg/L	SM 2320 B	1.2	2		15	X
2009/10-2	000NONPJ	lab duplicate	12/17/2009	Conventional	Alkalinity as CaCO3	n/a	=	38.4	mg/L	SM 2320 B	1.2	2		15	X
2009/10-2	Lab	LCS	12/10/2009	Conventional	Alkalinity as CaCO3	n/a	=	36.4	mg/L	SM 2320 B	1.2	2			X
2009/10-2	Lab	LCS, rec	12/10/2009	Conventional	Alkalinity as CaCO3	n/a	=	104	%	SM 2320 B	-88	-88	94	108	X
2009/10-2	Lab	method blank	12/10/2009	Conventional	Alkalinity as CaCO3	n/a	<	1.2	mg/L	SM 2320 B	1.2	2			X
2009/10-2	Lab	LCS	12/17/2009	Conventional	Alkalinity as CaCO3	n/a	=	34.7	mg/L	SM 2320 B	1.2	2			X
2009/10-2	Lab	LCS, rec	12/17/2009	Conventional	Alkalinity as CaCO3	n/a	=	99	%	SM 2320 B	-88	-88	94	108	X
2009/10-2	Lab	method blank	12/17/2009	Conventional	Alkalinity as CaCO3	n/a	<	1.2	mg/L	SM 2320 B	1.2	2			X
2009/10-2	Lab	LCS	12/14/2009	Conventional	BOD	n/a	=	197	mg/L	SM 5210 B	0.1	2			X
2009/10-2	Lab	LCS, rec	12/14/2009	Conventional	BOD	n/a	=	99	%	SM 5210 B	-88	-88	85	115	X
2009/10-2	000NONPJ	matrix spike	12/10/2009	Conventional	COD	n/a	=	268	mg/L	EPA 410.4	3.7	10			D
2009/10-2	000NONPJ	matrix spike dup	12/10/2009	Conventional	COD	n/a	=	268	mg/L	EPA 410.4	3.7	10			D
2009/10-2	000NONPJ	matrix spike dup, rec	12/10/2009	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	D
2009/10-2	000NONPJ	matrix spike, rec	12/10/2009	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	D
2009/10-2	000NONPJ	matrix spike, RPD	12/10/2009	Conventional	COD	n/a	=	0.007	%	EPA 410.4	-88	-88	0	15	D
2009/10-2	Lab	LCS	12/10/2009	Conventional	COD	n/a	=	102	mg/L	EPA 410.4	1.8	5			X
2009/10-2	Lab	LCS, rec	12/10/2009	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/10/2009	Conventional	COD	n/a	<	1.8	mg/L	EPA 410.4	1.8	5			X
2009/10-2	000NONPJ	matrix spike	12/10/2009	Conventional	Cyanide	Total	=	0.0991	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	000NONPJ	matrix spike	12/10/2009	Conventional	Cyanide	Total	=	0.0917	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	000NONPJ	matrix spike dup	12/10/2009	Conventional	Cyanide	Total	=	0.0834	mg/L	EPA 335.4	0.0027	0.005			M

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike dup	12/10/2009	Conventional	Cyanide	Total	=	0.0829	mg/L	EPA 335.4	0.0027	0.005			M
2009/10-2	000NONPJ	matrix spike dup, rec	12/10/2009	Conventional	Cyanide	Total	=	83	%	EPA 335.4	-88	-88	90	110	M,GB
2009/10-2	000NONPJ	matrix spike dup, rec	12/10/2009	Conventional	Cyanide	Total	=	83	%	EPA 335.4	-88	-88	90	110	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/10/2009	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/10/2009	Conventional	Cyanide	Total	=	99	%	EPA 335.4	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, RPD	12/10/2009	Conventional	Cyanide	Total	=	17	%	EPA 335.4	-88	-88	0	20	M
2009/10-2	000NONPJ	matrix spike, RPD	12/10/2009	Conventional	Cyanide	Total	=	10	%	EPA 335.4	-88	-88	0	20	M
2009/10-2	000NONPJ	matrix spike	12/18/2009	Conventional	Cyanide	Total	=	0.102	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Conventional	Cyanide	Total	=	0.107	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Conventional	Cyanide	Total	=	0.103	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Conventional	Cyanide	Total	=	0.112	mg/L	EPA 335.4	0.0027	0.005			M
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Conventional	Cyanide	Total	=	112	%	EPA 335.4	-88	-88	90	110	M,GB
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Conventional	Cyanide	Total	=	107	%	EPA 335.4	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Conventional	Cyanide	Total	=	95	%	EPA 335.4	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Conventional	Cyanide	Total	=	5	%	EPA 335.4	-88	-88	0	20	M
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Conventional	Cyanide	Total	=	1	%	EPA 335.4	-88	-88	0	20	X
2009/10-2	Lab	LCS	12/10/2009	Conventional	Cyanide	Total	=	0.0534	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	Lab	LCS, rec	12/10/2009	Conventional	Cyanide	Total	=	107	%	EPA 335.4	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/10/2009	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	Lab	LCS	12/18/2009	Conventional	Cyanide	Total	=	0.0479	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	Lab	LCS, rec	12/18/2009	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/18/2009	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	MO-OJA	field duplicate	12/18/2009	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-2	000NONPJ	matrix spike	12/10/2009	Conventional	MBAS	n/a	=	0.239	mg/L	SM 5540 C	0.019	0.05			X
2009/10-2	000NONPJ	matrix spike dup	12/10/2009	Conventional	MBAS	n/a	=	0.249	mg/L	SM 5540 C	0.019	0.05			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/10/2009	Conventional	MBAS	n/a	=	114	%	SM 5540 C	-88	-88	77	118	X
2009/10-2	000NONPJ	matrix spike, rec	12/10/2009	Conventional	MBAS	n/a	=	109	%	SM 5540 C	-88	-88	77	118	X
2009/10-2	000NONPJ	matrix spike, RPD	12/10/2009	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	20	X
2009/10-2	Lab	LCS	12/10/2009	Conventional	MBAS	n/a	=	0.198	mg/L	SM 5540 C	0.019	0.05			X
2009/10-2	Lab	LCS, rec	12/10/2009	Conventional	MBAS	n/a	=	99	%	SM 5540 C	-88	-88	79	113	X
2009/10-2	Lab	method blank	12/10/2009	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			X
2009/10-2	000NONPJ	lab duplicate	12/8/2009	Conventional	pH	n/a	=	6.64	pH Units	SM 4500-H+ B	0.1	0.1		3.24	X
2009/10-2	000NONPJ	lab duplicate	12/8/2009	Conventional	pH	n/a	=	7.27	pH Units	SM 4500-H+ B	0.1	0.1		3.24	X
2009/10-2	Lab	CRM	12/8/2009	Conventional	pH	n/a	=	6.83	pH Units	SM 4500-H+ B	0.1	0.1			X
2009/10-2	Lab	CRM	12/8/2009	Conventional	pH	n/a	=	6.82	pH Units	SM 4500-H+ B	0.1	0.1			X
2009/10-2	Lab	CRM, rec	12/8/2009	Conventional	pH	n/a	=	99	%	SM 4500-H+ B	-88	-88	95	105	X
2009/10-2	Lab	CRM, rec	12/8/2009	Conventional	pH	n/a	=	100	%	SM 4500-H+ B	-88	-88	95	105	X
2009/10-2	MO-OJA	field duplicate	12/8/2009	Conventional	pH	n/a	=	7.26	pH Units	SM 4500-H+ B	0.1	0.1			H
2009/10-2	000NONPJ	matrix spike	12/18/2009	Conventional	Phenolics	n/a	=	0.148	mg/L	EPA 420.4	0.0016	0.01			M
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Conventional	Phenolics	n/a	=	0.17	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Conventional	Phenolics	n/a	=	107	%	EPA 420.4	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Conventional	Phenolics	n/a	=	86	%	EPA 420.4	-88	-88	90	110	M
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Conventional	Phenolics	n/a	=	14	%	EPA 420.4	-88	-88	0	20	X
2009/10-2	Lab	LCS	12/18/2009	Conventional	Phenolics	n/a	=	0.0997	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-2	Lab	LCS, rec	12/18/2009	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/18/2009	Conventional	Phenolics	n/a	<	0.0016	mg/L	EPA 420.4	0.0016	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	lab duplicate	12/9/2009	Conventional	Specific Conductance	n/a	=	82.4	µmhos/cm	SM 2510 B	0.23	2		4.28	X
2009/10-2	000NONPJ	lab duplicate	12/9/2009	Conventional	Specific Conductance	n/a	=	93.1	µmhos/cm	SM 2510 B	0.23	2		4.28	X
2009/10-2	Lab	LCS	12/9/2009	Conventional	Specific Conductance	n/a	=	183	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-2	Lab	LCS	12/9/2009	Conventional	Specific Conductance	n/a	=	184	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-2	Lab	LCS, rec	12/9/2009	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	X
2009/10-2	Lab	LCS, rec	12/9/2009	Conventional	Specific Conductance	n/a	=	99	%	SM 2510 B	-88	-88	95	105	X
2009/10-2	Lab	method blank	12/9/2009	Conventional	Specific Conductance	n/a	DNQ	0.5	µmhos/cm	SM 2510 B	0.23	2			J
2009/10-2	Lab	method blank	12/9/2009	Conventional	Specific Conductance	n/a	DNQ	0.5	µmhos/cm	SM 2510 B	0.23	2			J
2009/10-2	000NONPJ	matrix spike	12/8/2009	Conventional	Total Chlorine Residual	n/a	=	1.87	mg/L	SM 4500-Cl G	0.016	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/8/2009	Conventional	Total Chlorine Residual	n/a	=	1.84	mg/L	SM 4500-Cl G	0.016	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/8/2009	Conventional	Total Chlorine Residual	n/a	=	92	%	SM 4500-Cl G	-88	-88	65	128	X
2009/10-2	000NONPJ	matrix spike, rec	12/8/2009	Conventional	Total Chlorine Residual	n/a	=	94	%	SM 4500-Cl G	-88	-88	65	128	X
2009/10-2	000NONPJ	matrix spike, RPD	12/8/2009	Conventional	Total Chlorine Residual	n/a	=	2	%	SM 4500-Cl G	-88	-88	0	15	X
2009/10-2	Lab	LCS	12/8/2009	Conventional	Total Chlorine Residual	n/a	=	0.203	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-2	Lab	LCS, rec	12/8/2009	Conventional	Total Chlorine Residual	n/a	=	102	%	SM 4500-Cl G	-88	-88	82	112	X
2009/10-2	Lab	method blank	12/8/2009	Conventional	Total Chlorine Residual	n/a	<	0.0016	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-2	000NONPJ	lab duplicate	12/12/2009	Conventional	Total Dissolved Solids	n/a	=	378	mg/L	SM 2540 C	4	10		10	X
2009/10-2	000NONPJ	lab duplicate	12/12/2009	Conventional	Total Dissolved Solids	n/a	=	1440	mg/L	SM 2540 C	4	10		10	X
2009/10-2	Lab	LCS	12/12/2009	Conventional	Total Dissolved Solids	n/a	=	814	mg/L	SM 2540 C	4	10			X
2009/10-2	Lab	LCS, rec	12/12/2009	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	91	104	X
2009/10-2	Lab	method blank	12/12/2009	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			X
2009/10-2	000NONPJ	matrix spike	12/23/2009	Conventional	Total Organic Carbon	n/a	=	31.3	mg/L	SM 5310 C	0.16	1.5			D
2009/10-2	000NONPJ	matrix spike dup	12/23/2009	Conventional	Total Organic Carbon	n/a	=	30.9	mg/L	SM 5310 C	0.16	1.5			D
2009/10-2	000NONPJ	matrix spike dup, rec	12/23/2009	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 C	-88	-88	84	107	D
2009/10-2	000NONPJ	matrix spike, rec	12/23/2009	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	84	107	D
2009/10-2	000NONPJ	matrix spike, RPD	12/23/2009	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	D
2009/10-2	Lab	LCS	12/23/2009	Conventional	Total Organic Carbon	n/a	=	4.69	mg/L	SM 5310 C	0.032	0.3			X
2009/10-2	Lab	LCS, rec	12/23/2009	Conventional	Total Organic Carbon	n/a	=	94	%	SM 5310 C	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/23/2009	Conventional	Total Organic Carbon	n/a	DNQ	0.0328	mg/L	SM 5310 C	0.032	0.3			J
2009/10-2	000NONPJ	lab duplicate	12/12/2009	Conventional	Total Suspended Solids	n/a	=	163	mg/L	SM 2540 D	5	5		20	X
2009/10-2	Lab	method blank	12/12/2009	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			X
2009/10-2	000NONPJ	lab duplicate	12/9/2009	Conventional	Turbidity	n/a	=	0.14	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-2	000NONPJ	lab duplicate	12/9/2009	Conventional	Turbidity	n/a	=	0.21	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-2	000NONPJ	lab duplicate	12/9/2009	Conventional	Turbidity	n/a	=	0.23	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-2	000NONPJ	lab duplicate	12/9/2009	Conventional	Turbidity	n/a	=	0.18	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-2	Lab	LCS	12/9/2009	Conventional	Turbidity	n/a	=	8	NTU	EPA 180.1	0.04	0.1			X
2009/10-2	Lab	LCS	12/9/2009	Conventional	Turbidity	n/a	=	8	NTU	EPA 180.1	0.04	0.1			X
2009/10-2	Lab	LCS	12/9/2009	Conventional	Turbidity	n/a	=	8	NTU	EPA 180.1	0.04	0.1			X
2009/10-2	Lab	LCS	12/9/2009	Conventional	Turbidity	n/a	=	8.01	NTU	EPA 180.1	0.04	0.1			X
2009/10-2	Lab	LCS, rec	12/9/2009	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	X
2009/10-2	Lab	LCS, rec	12/9/2009	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	X
2009/10-2	Lab	LCS, rec	12/9/2009	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	X
2009/10-2	Lab	LCS, rec	12/9/2009	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/9/2009	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X
2009/10-2	Lab	method blank	12/9/2009	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X
2009/10-2	Lab	method blank	12/9/2009	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X
2009/10-2	Lab	method blank	12/9/2009	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	lab duplicate	12/12/2009	Conventional	Volatile Suspended Solids	n/a	=	62	mg/L	EPA 160.4	3.1	5		15	X
2009/10-2	Lab	method blank	12/12/2009	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			X
2009/10-2	Lab	LCS	12/22/2009	Hydrocarbon	Oil and Grease	n/a	=	5.1	mg/L	EPA 1664A	2	5			X
2009/10-2	Lab	LCS	12/22/2009	Hydrocarbon	Oil and Grease	n/a	=	18.6	mg/L	EPA 1664A	2	5			X
2009/10-2	Lab	LCS dup	12/22/2009	Hydrocarbon	Oil and Grease	n/a	=	18.7	mg/L	EPA 1664A	2	5			X
2009/10-2	Lab	LCS dup, rec	12/22/2009	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	X
2009/10-2	Lab	LCS, rec	12/22/2009	Hydrocarbon	Oil and Grease	n/a	=	102	%	EPA 1664A	-88	-88	78	114	X
2009/10-2	Lab	LCS, rec	12/22/2009	Hydrocarbon	Oil and Grease	n/a	=	93	%	EPA 1664A	-88	-88	78	114	X
2009/10-2	Lab	LCS, RPD	12/22/2009	Hydrocarbon	Oil and Grease	n/a	=	0.5	%	EPA 1664A	-88	-88	0	18	X
2009/10-2	Lab	method blank	12/22/2009	Hydrocarbon	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5			X
2009/10-2	MO-OJA	field duplicate	12/22/2009	Hydrocarbon	Oil and Grease	n/a	DNQ	3.8	mg/L	EPA 1664A	2	5			J
2009/10-2	Lab	method blank	12/22/2009	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			X
2009/10-2	MO-OJA	field duplicate	12/22/2009	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			X
2009/10-2	Lab	LCS	12/16/2009	Metal	Aluminum	Dissolved	=	50.6	µg/L	EPA 200.8	0.19	5			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Aluminum	Dissolved	DNQ	1.49	µg/L	EPA 200.8	0.19	5			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Aluminum	Total	=	1430	µg/L	EPA 200.8	0.19	5			M
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Aluminum	Total	=	230	µg/L	EPA 200.8	0.19	5			M
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Aluminum	Total	=	1460	µg/L	EPA 200.8	0.19	5			M
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Aluminum	Total	=	252	µg/L	EPA 200.8	0.19	5			M
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Aluminum	Total	=	416	%	EPA 200.8	-88	-88	70	130	M,GB
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Aluminum	Total	=	209	%	EPA 200.8	-88	-88	70	130	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Aluminum	Total	=	344	%	EPA 200.8	-88	-88	70	130	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Aluminum	Total	=	165	%	EPA 200.8	-88	-88	70	130	M,GB
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Aluminum	Total	=	9	%	EPA 200.8	-88	-88	0	30	M
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Aluminum	Total	=	2	%	EPA 200.8	-88	-88	0	30	M
2009/10-2	Lab	LCS	12/16/2009	Metal	Aluminum	Total	=	50.6	µg/L	EPA 200.8	0.19	5			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Aluminum	Total	DNQ	1.49	µg/L	EPA 200.8	0.19	5			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Antimony	Dissolved	=	44.5	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Antimony	Dissolved	=	47.4	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Antimony	Dissolved	=	47.2	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Antimony	Dissolved	=	44.4	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Antimony	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Antimony	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Antimony	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Antimony	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Antimony	Dissolved	=	47	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Antimony	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Antimony	Dissolved	DNQ	0.103	µg/L	EPA 200.8	0.008	0.5			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Antimony	Total	=	47.4	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Antimony	Total	=	44.5	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Antimony	Total	=	47.2	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Antimony	Total	=	44.4	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Antimony	Total	=	88	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Antimony	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Antimony	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Antimony	Total	=	47	µg/L	EPA 200.8	0.008	0.5			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Antimony	Total	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Antimony	Total	DNQ	0.103	µg/L	EPA 200.8	0.008	0.5			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Arsenic	Dissolved	=	49.1	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Arsenic	Dissolved	=	50.1	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Arsenic	Dissolved	=	50	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Arsenic	Dissolved	=	49.3	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Arsenic	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Arsenic	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Arsenic	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Arsenic	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Arsenic	Dissolved	=	48.4	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Arsenic	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Arsenic	Dissolved	DNQ	0.38	µg/L	EPA 200.8	0.014	0.4			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Arsenic	Total	=	50.1	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Arsenic	Total	=	49.1	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Arsenic	Total	=	49.3	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Arsenic	Total	=	50	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Arsenic	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Arsenic	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Arsenic	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Arsenic	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Arsenic	Total	=	48.4	µg/L	EPA 200.8	0.014	0.4			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Arsenic	Total	DNQ	0.38	µg/L	EPA 200.8	0.014	0.4			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Barium	Total	=	96.2	µg/L	EPA 200.8	0.024	0.5			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Barium	Total	=	106	µg/L	EPA 200.8	0.024	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Barium	Total	=	96.4	µg/L	EPA 200.8	0.024	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Barium	Total	=	105	µg/L	EPA 200.8	0.024	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Barium	Total	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Barium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Barium	Total	=	49.4	µg/L	EPA 200.8	0.024	0.5			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Barium	Total	DNQ	0.025	µg/L	EPA 200.8	0.024	0.5			J

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Beryllium	Dissolved	=	40.8	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Beryllium	Dissolved	=	47.9	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Beryllium	Dissolved	=	41.4	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Beryllium	Dissolved	=	47.3	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Beryllium	Dissolved	=	83	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Beryllium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Beryllium	Dissolved	=	82	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Beryllium	Dissolved	=	49	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Beryllium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Beryllium	Total	=	47.9	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Beryllium	Total	=	40.8	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Beryllium	Total	=	47.3	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Beryllium	Total	=	41.4	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Beryllium	Total	=	83	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Beryllium	Total	=	82	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Beryllium	Total	=	49	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Beryllium	Total	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Cadmium	Dissolved	=	45.7	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Cadmium	Dissolved	=	48.2	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Cadmium	Dissolved	=	45.7	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Cadmium	Dissolved	=	48.8	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Cadmium	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Cadmium	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Cadmium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Cadmium	Dissolved	=	0.09	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Cadmium	Dissolved	=	49.5	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Cadmium	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Cadmium	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Cadmium	Total	=	48.2	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Cadmium	Total	=	45.7	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Cadmium	Total	=	48.8	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Cadmium	Total	=	45.7	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Cadmium	Total	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Cadmium	Total	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Cadmium	Total	=	0.09	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Cadmium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Cadmium	Total	=	49.5	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Cadmium	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Cadmium	Total	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Chromium	Dissolved	=	53.9	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Chromium	Dissolved	=	51.5	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Chromium	Dissolved	=	51	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Chromium	Dissolved	=	53.4	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Chromium	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Chromium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Chromium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Chromium	Dissolved	=	103	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Chromium	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Chromium	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Chromium	Dissolved	=	48.2	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Chromium	Dissolved	<	0.012	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Chromium	Total	=	53.9	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Chromium	Total	=	51.5	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Chromium	Total	=	51	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Chromium	Total	=	53.4	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Chromium	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Chromium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Chromium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Chromium	Total	=	48.2	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Chromium	Total	<	0.012	µg/L	EPA 200.8	0.012	0.2			X
2009/10-2	000NONPJ	matrix spike	12/10/2009	Metal	Chromium VI	n/a	=	5.3	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-2	000NONPJ	matrix spike dup	12/10/2009	Metal	Chromium VI	n/a	=	5.37	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/10/2009	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	X
2009/10-2	000NONPJ	matrix spike, rec	12/10/2009	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	X
2009/10-2	000NONPJ	matrix spike, RPD	12/10/2009	Metal	Chromium VI	n/a	=	1	%	EPA 218.6	-88	-88	0	10	X
2009/10-2	Lab	LCS	12/10/2009	Metal	Chromium VI	n/a	=	4.91	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-2	Lab	LCS, rec	12/10/2009	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/10/2009	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Copper	Dissolved	=	58.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Copper	Dissolved	=	46.7	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Copper	Dissolved	=	57.8	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Copper	Dissolved	=	47.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Copper	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Copper	Dissolved	=	108	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Copper	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Copper	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Copper	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Copper	Dissolved	=	49.7	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Copper	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Copper	Dissolved	DNQ	0.0569	µg/L	EPA 200.8	0.022	0.5			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Copper	Total	=	58.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Copper	Total	=	46.7	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Copper	Total	=	57.8	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Copper	Total	=	47.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Copper	Total	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Copper	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Copper	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Copper	Total	=	90	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Copper	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Copper	Total	=	49.7	µg/L	EPA 200.8	0.022	0.5			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Copper	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Copper	Total	DNQ	0.0569	µg/L	EPA 200.8	0.022	0.5			J
2009/10-2	Lab	LCS	12/16/2009	Metal	Iron	Dissolved	=	997	µg/L	EPA 200.8	0.6	20			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Iron	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Iron	Dissolved	DNQ	0.732	µg/L	EPA 200.8	0.6	20			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Iron	Total	=	2870	µg/L	EPA 200.8	0.6	20			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Iron	Total	=	1410	µg/L	EPA 200.8	0.6	20			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Iron	Total	=	2880	µg/L	EPA 200.8	0.6	20			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Iron	Total	=	1450	µg/L	EPA 200.8	0.6	20			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Iron	Total	=	123	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Iron	Total	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Iron	Total	=	122	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Iron	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Iron	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Iron	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Iron	Total	=	997	µg/L	EPA 200.8	0.6	20			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Iron	Total	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Iron	Total	DNQ	0.732	µg/L	EPA 200.8	0.6	20			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Lead	Dissolved	=	54.7	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Lead	Dissolved	=	50.8	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Lead	Dissolved	=	50.9	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Lead	Dissolved	=	54.5	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Lead	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Lead	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Lead	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Lead	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Lead	Dissolved	=	47.6	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Lead	Total	=	54.7	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Lead	Total	=	50.8	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Lead	Total	=	50.9	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Lead	Total	=	54.5	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Lead	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Lead	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Lead	Total	=	47.6	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Lead	Total	<	0.017	µg/L	EPA 200.8	0.017	0.2			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Metal	Mercury	Dissolved	=	104	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Metal	Mercury	Dissolved	=	0	%	EPA 245.1	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Metal	Mercury	Dissolved	=	3	%	EPA 245.1	-88	-88	0	20	X
2009/10-2	Lab	LCS	12/18/2009	Metal	Mercury	Dissolved	=	966	ng/L	EPA 245.1	3.9	50			X
2009/10-2	Lab	LCS, rec	12/18/2009	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/18/2009	Metal	Mercury	Dissolved	DNQ	7	ng/L	EPA 245.1	3.9	50			J
2009/10-2	000NONPJ	matrix spike	12/18/2009	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Metal	Mercury	Total	=	992	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Metal	Mercury	Total	=	994	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Metal	Mercury	Total	=	989	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Metal	Mercury	Total	=	3	%	EPA 245.1	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Metal	Mercury	Total	=	0.2	%	EPA 245.1	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	X
2009/10-2	Lab	LCS	12/18/2009	Metal	Mercury	Total	=	966	ng/L	EPA 245.1	3.9	50			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS	12/18/2009	Metal	Mercury	Total	=	1000	ng/L	EPA 245.1	3.9	50			X
2009/10-2	Lab	LCS, rec	12/18/2009	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	85	115	X
2009/10-2	Lab	LCS, rec	12/18/2009	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/18/2009	Metal	Mercury	Total	DNQ	7	ng/L	EPA 245.1	3.9	50			J
2009/10-2	Lab	method blank	12/18/2009	Metal	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50			X
2009/10-2	MO-OJA	field duplicate	12/18/2009	Metal	Mercury	Total	DNQ	10	ng/L	EPA 245.1	3.9	50			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Nickel	Dissolved	=	56.6	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Nickel	Dissolved	=	52.1	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Nickel	Dissolved	=	56	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Nickel	Dissolved	=	51.8	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Nickel	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Nickel	Dissolved	=	108	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Nickel	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Nickel	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Nickel	Dissolved	=	0.7	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Nickel	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Nickel	Dissolved	=	49.6	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Nickel	Dissolved	DNQ	0.0147	µg/L	EPA 200.8	0.011	0.8			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Nickel	Total	=	56.6	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Nickel	Total	=	52.1	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Nickel	Total	=	51.8	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Nickel	Total	=	56	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Nickel	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Nickel	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Nickel	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Nickel	Total	=	49.6	µg/L	EPA 200.8	0.011	0.8			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Nickel	Total	DNQ	0.0147	µg/L	EPA 200.8	0.011	0.8			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Selenium	Dissolved	=	49.8	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Selenium	Dissolved	=	49.6	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Selenium	Dissolved	=	48.8	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Selenium	Dissolved	=	50.3	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Selenium	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Selenium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Selenium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Selenium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Selenium	Dissolved	=	50.1	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Selenium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Selenium	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Selenium	Total	=	48.9	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Selenium	Total	=	48.8	µg/L	EPA 200.8	0.017	0.4			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Selenium	Total	=	49.3	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Selenium	Total	=	49.4	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Selenium	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Selenium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Selenium	Total	=	51	µg/L	EPA 200.8	0.017	0.4			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Selenium	Total	DNQ	0.373	µg/L	EPA 200.8	0.017	0.4			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Silver	Dissolved	=	47.4	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Silver	Dissolved	=	48.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Silver	Dissolved	=	48.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Silver	Dissolved	=	46.8	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Silver	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Silver	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Silver	Dissolved	=	0.03	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Silver	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Silver	Dissolved	=	48.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Silver	Dissolved	DNQ	0.0436	µg/L	EPA 200.8	0.008	0.2			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Silver	Total	=	47.4	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Silver	Total	=	48.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Silver	Total	=	46.8	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Silver	Total	=	48.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Silver	Total	=	0.03	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Silver	Total	=	48.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Silver	Total	DNQ	0.0436	µg/L	EPA 200.8	0.008	0.2			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Thallium	Dissolved	=	49.7	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Thallium	Dissolved	=	52.8	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Thallium	Dissolved	=	49.5	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Thallium	Dissolved	=	52.8	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Thallium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Thallium	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Thallium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Thallium	Dissolved	=	0.4	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Thallium	Dissolved	=	0.1	%	EPA 200.8	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS	12/16/2009	Metal	Thallium	Dissolved	=	48.7	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Thallium	Total	=	52.8	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Thallium	Total	=	49.7	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Thallium	Total	=	49.5	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Thallium	Total	=	52.8	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Thallium	Total	=	0.4	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Thallium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Thallium	Total	=	48.7	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-2	Lab	LCS	12/16/2009	Metal	Zinc	Dissolved	=	50.8	µg/L	EPA 200.8	0.3	5			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Zinc	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Zinc	Dissolved	DNQ	0.552	µg/L	EPA 200.8	0.3	5			J
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Zinc	Total	=	108	µg/L	EPA 200.8	0.3	5			X
2009/10-2	000NONPJ	matrix spike	12/16/2009	Metal	Zinc	Total	=	47.6	µg/L	EPA 200.8	0.3	5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Zinc	Total	=	48.1	µg/L	EPA 200.8	0.3	5			X
2009/10-2	000NONPJ	matrix spike dup	12/16/2009	Metal	Zinc	Total	=	107	µg/L	EPA 200.8	0.3	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/16/2009	Metal	Zinc	Total	=	92	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/16/2009	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike, RPD	12/16/2009	Metal	Zinc	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/16/2009	Metal	Zinc	Total	=	50.8	µg/L	EPA 200.8	0.3	5			X
2009/10-2	Lab	LCS, rec	12/16/2009	Metal	Zinc	Total	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-2	Lab	method blank	12/16/2009	Metal	Zinc	Total	DNQ	0.552	µg/L	EPA 200.8	0.3	5			J
2009/10-2	000NONPJ	matrix spike	12/11/2009	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			X
2009/10-2	000NONPJ	matrix spike	12/11/2009	Nutrient	Ammonia as N	n/a	=	1.09	mg/L	EPA 350.1	0.048	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/11/2009	Nutrient	Ammonia as N	n/a	=	1.19	mg/L	EPA 350.1	0.048	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/11/2009	Nutrient	Ammonia as N	n/a	=	1.06	mg/L	EPA 350.1	0.048	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/11/2009	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/11/2009	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/11/2009	Nutrient	Ammonia as N	n/a	=	95	%	EPA 350.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/11/2009	Nutrient	Ammonia as N	n/a	=	97	%	EPA 350.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, RPD	12/11/2009	Nutrient	Ammonia as N	n/a	=	0.9	%	EPA 350.1	-88	-88	0	10	X
2009/10-2	000NONPJ	matrix spike, RPD	12/11/2009	Nutrient	Ammonia as N	n/a	=	9	%	EPA 350.1	-88	-88	0	10	X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Nutrient	Ammonia as N	n/a	=	1.47	mg/L	EPA 350.1	0.048	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Nutrient	Ammonia as N	n/a	=	1.48	mg/L	EPA 350.1	0.048	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Nutrient	Ammonia as N	n/a	=	0.7	%	EPA 350.1	-88	-88	0	10	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS	12/11/2009	Nutrient	Ammonia as N	n/a	=	1.09	mg/L	EPA 350.1	0.048	0.1			X
2009/10-2	Lab	LCS, rec	12/11/2009	Nutrient	Ammonia as N	n/a	=	109	%	EPA 350.1	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/11/2009	Nutrient	Ammonia as N	n/a	<	0.027	mg/L	EPA 350.1	0.027	0.03			X
2009/10-2	Lab	LCS	12/15/2009	Nutrient	Ammonia as N	n/a	=	1.07	mg/L	EPA 350.1	0.048	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Nutrient	Ammonia as N	n/a	=	107	%	EPA 350.1	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/15/2009	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			X
2009/10-2	000NONPJ	matrix spike	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	2.64	mg/L	EPA 353.2	0.033	0.1			X
2009/10-2	000NONPJ	matrix spike	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	2.88	mg/L	EPA 353.2	0.033	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	2.9	mg/L	EPA 353.2	0.033	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	2.56	mg/L	EPA 353.2	0.033	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, RPD	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	3	%	EPA 353.2	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	X
2009/10-2	Lab	LCS	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	1.04	mg/L	EPA 353.2	0.033	0.1			X
2009/10-2	Lab	LCS, rec	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/9/2009	Nutrient	Nitrate + Nitrite as N	n/a	DNQ	0.038	mg/L	EPA 353.2	0.033	0.1			J
2009/10-2	000NONPJ	matrix spike	12/9/2009	Nutrient	Nitrate as N	n/a	=	2.88	mg/L	EPA 353.2	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike	12/9/2009	Nutrient	Nitrate as N	n/a	=	2.64	mg/L	EPA 353.2	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/9/2009	Nutrient	Nitrate as N	n/a	=	2.9	mg/L	EPA 353.2	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/9/2009	Nutrient	Nitrate as N	n/a	=	2.56	mg/L	EPA 353.2	0.022	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/9/2009	Nutrient	Nitrate as N	n/a	=	94	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/9/2009	Nutrient	Nitrate as N	n/a	=	97	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/9/2009	Nutrient	Nitrate as N	n/a	=	98	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/9/2009	Nutrient	Nitrate as N	n/a	=	96	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, RPD	12/9/2009	Nutrient	Nitrate as N	n/a	=	3	%	EPA 353.2	-88	-88	0	20	X
2009/10-2	000NONPJ	matrix spike, RPD	12/9/2009	Nutrient	Nitrate as N	n/a	=	0.5	%	EPA 353.2	-88	-88	0	20	X
2009/10-2	Lab	LCS	12/9/2009	Nutrient	Nitrate as N	n/a	=	1.04	mg/L	EPA 353.2	0.022	0.1			X
2009/10-2	Lab	LCS, rec	12/9/2009	Nutrient	Nitrate as N	n/a	=	104	%	EPA 353.2	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/9/2009	Nutrient	Nitrate as N	n/a	DNQ	0.038	mg/L	EPA 353.2	0.022	0.1			J
2009/10-2	Lab	LCS	12/22/2009	Nutrient	Phosphorus as P	Dissolved	=	0.0518	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-2	Lab	LCS, rec	12/22/2009	Nutrient	Phosphorus as P	Dissolved	=	104	%	EPA 365.1	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/22/2009	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Nutrient	Phosphorus as P	Total	=	0.944	mg/L	EPA 365.1	0.014	0.1			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Nutrient	Phosphorus as P	Total	=	1.18	mg/L	EPA 365.1	0.014	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Nutrient	Phosphorus as P	Total	=	0.944	mg/L	EPA 365.1	0.014	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Nutrient	Phosphorus as P	Total	=	1.17	mg/L	EPA 365.1	0.014	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Nutrient	Phosphorus as P	Total	=	107	%	EPA 365.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Nutrient	Phosphorus as P	Total	=	109	%	EPA 365.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Nutrient	Phosphorus as P	Total	=	108	%	EPA 365.1	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Nutrient	Phosphorus as P	Total	=	0	%	EPA 365.1	-88	-88	0	10	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Nutrient	Phosphorus as P	Total	=	0.9	%	EPA 365.1	-88	-88	0	10	X
2009/10-2	Lab	LCS	12/22/2009	Nutrient	Phosphorus as P	Total	=	0.0518	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-2	Lab	LCS, rec	12/22/2009	Nutrient	Phosphorus as P	Total	=	104	%	EPA 365.1	-88	-88	90	110	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	method blank	12/22/2009	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Nutrient	TKN	n/a	=	3.18	mg/L	EPA 351.2	0.074	0.1			M
2009/10-2	000NONPJ	matrix spike	12/17/2009	Nutrient	TKN	n/a	=	0.93	mg/L	EPA 351.2	0.074	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Nutrient	TKN	n/a	=	3.06	mg/L	EPA 351.2	0.074	0.1			M
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Nutrient	TKN	n/a	=	0.908	mg/L	EPA 351.2	0.074	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Nutrient	TKN	n/a	=	248	%	EPA 351.2	-88	-88	90	110	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Nutrient	TKN	n/a	=	93	%	EPA 351.2	-88	-88	90	110	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Nutrient	TKN	n/a	=	272	%	EPA 351.2	-88	-88	90	110	M,GB
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Nutrient	TKN	n/a	=	2	%	EPA 351.2	-88	-88	0	15	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Nutrient	TKN	n/a	=	4	%	EPA 351.2	-88	-88	0	15	M
2009/10-2	Lab	LCS	12/17/2009	Nutrient	TKN	n/a	=	0.99	mg/L	EPA 351.2	0.074	0.1			X
2009/10-2	Lab	LCS, rec	12/17/2009	Nutrient	TKN	n/a	=	99	%	EPA 351.2	-88	-88	90	110	X
2009/10-2	Lab	method blank	12/17/2009	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	14.9	µg/L	EPA 625	0.26	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	15.1	µg/L	EPA 625	0.26	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	44	142	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	44	142	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	14.8	µg/L	EPA 625	0.26	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	44	142	X
2009/10-2	Lab	method blank	1/4/2010	Organic	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	1,2-Dichlorobenzene	n/a	=	14.8	µg/L	EPA 625	0.3	2			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	1,2-Dichlorobenzene	n/a	=	15.3	µg/L	EPA 625	0.3	2			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	32	129	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	1,2-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	32	129	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	1,2-Dichlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	1,2-Dichlorobenzene	n/a	=	14.6	µg/L	EPA 625	0.3	2			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	1,2-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	32	129	X
2009/10-2	Lab	method blank	1/4/2010	Organic	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2			X
2009/10-2	Lab	srgt LCS	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.8	µg/L	EPA 524.2	0	0			X
2009/10-2	Lab	srgt LCS dup	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.7	µg/L	EPA 524.2	0	0			X
2009/10-2	Lab	srgt LCS dup, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	107	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	Lab	srgt LCS, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	108	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	Lab	srgt method blank	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.38	µg/L	EPA 524.2	0	0			X
2009/10-2	Lab	srgt method blank, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	94	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	ME-CC	srgt environ	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	11	µg/L	EPA 524.2	0	0			X
2009/10-2	ME-CC	srgt environ, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	110	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	ME-SCR	srgt environ	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.4	µg/L	EPA 524.2	0	0			X
2009/10-2	ME-SCR	srgt environ, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	104	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	ME-VR2	srgt environ	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.5	µg/L	EPA 524.2	0	0			X
2009/10-2	ME-VR2	srgt environ, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	105	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-CAM	srgt environ	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.7	µg/L	EPA 524.2	0	0			X
2009/10-2	MO-CAM	srgt environ, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	107	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-MEI	srgt environ	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.7	µg/L	EPA 524.2	0	0			X
2009/10-2	MO-MEI	srgt environ, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	107	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-OJA	srgt environ	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.5	µg/L	EPA 524.2	0	0			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	MO-OJA	srgt environ	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.5	µg/L	EPA 524.2	0	0			X
2009/10-2	MO-OJA	srgt environ, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	105	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-OJA	srgt environ, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	105	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-VEN	srgt environ	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.8	µg/L	EPA 524.2	0	0			X
2009/10-2	MO-VEN	srgt environ, rec	12/9/2009	Organic	1,2-Dichlorobenzene-d4	n/a	=	108	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	Lab	method blank	1/4/2010	Organic	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	1,3-Dichlorobenzene	n/a	=	14.6	µg/L	EPA 625	0.36	1			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	1,3-Dichlorobenzene	n/a	=	15.1	µg/L	EPA 625	0.36	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	172	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	1,3-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	0.1	172	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	1,3-Dichlorobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	1,3-Dichlorobenzene	n/a	=	14.3	µg/L	EPA 625	0.36	1			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	1,3-Dichlorobenzene	n/a	=	71	%	EPA 625	-88	-88	0.1	172	X
2009/10-2	Lab	method blank	1/4/2010	Organic	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			X
2009/10-2	000NONPJ	srgt matrix spike	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.31	µg/L	EPA 525.2	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.73	µg/L	EPA 525.2	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	115	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	106	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	Lab	srgt LCS	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.91	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	Lab	srgt method blank	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.42	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	Lab	srgt LCS	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.515	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt LCS dup	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.509	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt LCS dup, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	102	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	Lab	srgt LCS, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	Lab	srgt method blank	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.484	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	ME-CC	srgt environ	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0	%	EPA 525.2	-88	-88	73	136	GN
2009/10-2	ME-CC	srgt environ	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.51	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	151	%	EPA 525.2	-88	-88	73	136	GN
2009/10-2	ME-SCR	srgt environ	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	114	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	ME-SCR	srgt environ	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.31	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	131	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	ME-VR2	srgt environ	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.94	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	ME-VR2	srgt environ	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.24	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	124	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	MO-CAM	srgt environ	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	10	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	MO-CAM	srgt environ	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.22	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	122	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	MO-MEI	srgt environ	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	MO-MEI	srgt environ	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.44	µg/L	EPA 525.2	-88	-88			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	MO-MEI	srgt environ, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	144	%	EPA 525.2	-88	-88	73	136	GN
2009/10-2	MO-OJA	srgt environ	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.27	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	MO-OJA	srgt environ	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.27	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	127	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	MO-VEN	srgt environ	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.22	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/15/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	X
2009/10-2	MO-VEN	srgt environ	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.51	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/27/2009	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	151	%	EPA 525.2	-88	-88	73	136	GN
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	1,4-Dichlorobenzene	n/a	=	14.6	µg/L	EPA 625	0.32	1			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	1,4-Dichlorobenzene	n/a	=	15	µg/L	EPA 625	0.32	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	1,4-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	20	124	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	1,4-Dichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	20	124	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	1,4-Dichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	1,4-Dichlorobenzene	n/a	=	14.3	µg/L	EPA 625	0.32	1			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	20	124	X
2009/10-2	Lab	method blank	1/4/2010	Organic	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1			X
2009/10-2	Lab	method blank	12/22/2009	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			X
2009/10-2	000NONPJ	srgt matrix spike	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	37.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	38.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	Lab	srgt LCS	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	37.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	Lab	srgt method blank	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	33.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	ME-CC	srgt environ	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	38.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	ME-SCR	srgt environ	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	37.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	94	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	ME-VR2	srgt environ	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	81.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	102	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	MO-CAM	srgt environ	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	82.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	103	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	MO-MEI	srgt environ	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	39.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	98	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	MO-OJA	srgt environ	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	40.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	100	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	MO-VEN	srgt environ	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	40.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/22/2009	Organic	2,4,6-Tribromophenol	n/a	=	101	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-2	Lab	LCS	12/22/2009	Organic	2,4,6-Trichlorophenol	n/a	=	21.8	µg/L	EPA 8270Cm	0.3	1			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	2,4,6-Trichlorophenol	n/a	=	109	%	EPA 8270Cm	-88	-88	39	125	X
2009/10-2	Lab	method blank	12/22/2009	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			X
2009/10-2	Lab	LCS	12/22/2009	Organic	2,4-Dichlorophenol	n/a	=	15.3	µg/L	EPA 8270Cm	0.51	1			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	2,4-Dichlorophenol	n/a	=	76	%	EPA 8270Cm	-88	-88	60	116	X
2009/10-2	Lab	method blank	12/22/2009	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			X
2009/10-2	000NONPJ	srgt matrix spike	12/22/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	srgt matrix spike dup	12/22/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/22/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/22/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	Lab	srgt method blank	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	7.54	µg/L	EPA 515.3	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	75	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	Lab	srgt LCS	12/22/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/22/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	ME-CC	srgt environ	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	ME-SCR	srgt environ	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.55	µg/L	EPA 515.3	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	ME-VR2	srgt environ	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	MO-CAM	srgt environ	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.36	µg/L	EPA 515.3	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	MO-MEI	srgt environ	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	MO-OJA	srgt environ	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.48	µg/L	EPA 515.3	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	MO-VEN	srgt environ	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.41	µg/L	EPA 515.3	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/11/2009	Organic	2,4-Dichlorophenylacetic acid	n/a	=	94	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	Lab	LCS	12/22/2009	Organic	2,4-Dimethylphenol	n/a	=	9.32	µg/L	EPA 8270Cm	1	2			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	2,4-Dimethylphenol	n/a	=	47	%	EPA 8270Cm	-88	-88	2	117	X
2009/10-2	Lab	method blank	12/22/2009	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-2	Lab	LCS	12/22/2009	Organic	2,4-Dinitrophenol	n/a	=	31.1	µg/L	EPA 8270Cm	1	2			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	2,4-Dinitrophenol	n/a	=	156	%	EPA 8270Cm	-88	-88	28	140	EUM
2009/10-2	Lab	method blank	12/22/2009	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	2,4-Dinitrotoluene	n/a	=	19.8	µg/L	EPA 625	0.4	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	2,4-Dinitrotoluene	n/a	=	19.5	µg/L	EPA 625	0.4	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	2,4-Dinitrotoluene	n/a	=	97	%	EPA 625	-88	-88	39	139	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	2,4-Dinitrotoluene	n/a	=	99	%	EPA 625	-88	-88	39	139	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	2,4-Dinitrotoluene	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	2,4-Dinitrotoluene	n/a	=	18.9	µg/L	EPA 625	0.4	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	2,4-Dinitrotoluene	n/a	=	95	%	EPA 625	-88	-88	39	139	X
2009/10-2	Lab	method blank	1/4/2010	Organic	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	2,6-Dinitrotoluene	n/a	=	18.1	µg/L	EPA 625	0.24	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	2,6-Dinitrotoluene	n/a	=	18.7	µg/L	EPA 625	0.24	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	2,6-Dinitrotoluene	n/a	=	93	%	EPA 625	-88	-88	50	158	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	2,6-Dinitrotoluene	n/a	=	90	%	EPA 625	-88	-88	50	158	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	2,6-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	2,6-Dinitrotoluene	n/a	=	17.6	µg/L	EPA 625	0.24	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	2,6-Dinitrotoluene	n/a	=	88	%	EPA 625	-88	-88	50	158	X
2009/10-2	Lab	method blank	1/4/2010	Organic	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5			X
2009/10-2	Lab	LCS	12/9/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	4.99	µg/L	EPA 524.2	0.35	1			X
2009/10-2	Lab	LCS dup	12/9/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	5.31	µg/L	EPA 524.2	0.35	1			X
2009/10-2	Lab	LCS dup, rec	12/9/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	88	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	Lab	LCS, rec	12/9/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	83	%	EPA 524.2	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS, RPD	12/9/2009	Organic	2-Chloroethyl vinyl ether	n/a	=	6	%	EPA 524.2	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/9/2009	Organic	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1			X
2009/10-2	MO-OJA	field duplicate	12/9/2009	Organic	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	2-Chloronaphthalene	n/a	=	16.7	µg/L	EPA 625	0.26	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	2-Chloronaphthalene	n/a	=	17	µg/L	EPA 625	0.26	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625	-88	-88	60	118	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	2-Chloronaphthalene	n/a	=	84	%	EPA 625	-88	-88	60	118	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	2-Chloronaphthalene	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	2-Chloronaphthalene	n/a	=	17	µg/L	EPA 625	0.26	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	2-Chloronaphthalene	n/a	=	85	%	EPA 625	-88	-88	60	118	X
2009/10-2	Lab	method blank	1/4/2010	Organic	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Organic	2-Chlorophenol	n/a	=	11	µg/L	EPA 8270Cm	0.65	1			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Organic	2-Chlorophenol	n/a	=	11.7	µg/L	EPA 8270Cm	0.65	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Organic	2-Chlorophenol	n/a	=	59	%	EPA 8270Cm	-88	-88	47	102	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Organic	2-Chlorophenol	n/a	=	55	%	EPA 8270Cm	-88	-88	47	102	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Organic	2-Chlorophenol	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/22/2009	Organic	2-Chlorophenol	n/a	=	12	µg/L	EPA 8270Cm	0.65	1			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	2-Chlorophenol	n/a	=	60	%	EPA 8270Cm	-88	-88	56	98	X
2009/10-2	Lab	method blank	12/22/2009	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			X
2009/10-2	000NONPJ	srgt matrix spike	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	16.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	000NONPJ	srgt matrix spike	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	17.2	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625	-88	-88	22	130	X
2009/10-2	000NONPJ	srgt matrix spike, rec	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 625	-88	-88	22	130	X
2009/10-2	Lab	srgt LCS	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	17.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	Lab	srgt method blank	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	15.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	Lab	srgt LCS	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	17.9	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 625	-88	-88	22	130	X
2009/10-2	Lab	srgt method blank	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	16.7	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	130	X
2009/10-2	ME-CC	srgt environ	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	85	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	ME-CC	srgt environ	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	17.6	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 625	-88	-88	22	130	X
2009/10-2	ME-SCR	srgt environ	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	15.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	ME-SCR	srgt environ	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	1/4/2010	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	130	X
2009/10-2	ME-VR2	srgt environ	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	30.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	ME-VR2	srgt environ	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	33	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 625	-88	-88	22	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	MO-CAM	srgt environ	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	28.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	MO-CAM	srgt environ	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	30.2	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	130	X
2009/10-2	MO-MEI	srgt environ	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	17.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	88	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	MO-MEI	srgt environ	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	19	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	95	%	EPA 625	-88	-88	22	130	X
2009/10-2	MO-OJA	srgt environ	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	16	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	MO-OJA	srgt environ	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	17.1	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	86	%	EPA 625	-88	-88	22	130	X
2009/10-2	MO-VEN	srgt environ	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	16.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/18/2009	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-2	MO-VEN	srgt environ	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	17.8	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	1/5/2010	Organic	2-Fluorobiphenyl	n/a	=	89	%	EPA 625	-88	-88	22	130	X
2009/10-2	000NONPJ	srgt matrix spike	12/22/2009	Organic	2-Fluorophenol	n/a	=	11.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/22/2009	Organic	2-Fluorophenol	n/a	=	12	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	29	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	000NONPJ	srgt matrix spike	1/4/2010	Organic	2-Fluorophenol	n/a	=	16.2	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	1/4/2010	Organic	2-Fluorophenol	n/a	=	17.5	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	1/4/2010	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	6	96	X
2009/10-2	000NONPJ	srgt matrix spike, rec	1/4/2010	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	6	96	X
2009/10-2	Lab	srgt LCS	12/22/2009	Organic	2-Fluorophenol	n/a	=	13.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	Lab	srgt method blank	12/22/2009	Organic	2-Fluorophenol	n/a	=	13.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	Lab	srgt LCS	1/4/2010	Organic	2-Fluorophenol	n/a	=	18.6	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	1/4/2010	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	6	96	X
2009/10-2	Lab	srgt method blank	1/4/2010	Organic	2-Fluorophenol	n/a	=	18.9	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	1/4/2010	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	6	96	X
2009/10-2	ME-CC	srgt environ	12/22/2009	Organic	2-Fluorophenol	n/a	=	11.1	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	28	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	ME-CC	srgt environ	1/4/2010	Organic	2-Fluorophenol	n/a	=	16.2	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	1/4/2010	Organic	2-Fluorophenol	n/a	=	40	%	EPA 625	-88	-88	6	96	X
2009/10-2	ME-SCR	srgt environ	12/22/2009	Organic	2-Fluorophenol	n/a	=	10.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	26	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	ME-SCR	srgt environ	1/4/2010	Organic	2-Fluorophenol	n/a	=	14.7	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	1/4/2010	Organic	2-Fluorophenol	n/a	=	37	%	EPA 625	-88	-88	6	96	X
2009/10-2	ME-VR2	srgt environ	12/22/2009	Organic	2-Fluorophenol	n/a	=	27.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	ME-VR2	srgt environ	1/5/2010	Organic	2-Fluorophenol	n/a	=	39.6	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	1/5/2010	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	6	96	X
2009/10-2	MO-CAM	srgt environ	12/22/2009	Organic	2-Fluorophenol	n/a	=	24.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	30	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	MO-CAM	srgt environ	1/5/2010	Organic	2-Fluorophenol	n/a	=	35.2	µg/L	EPA 625	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	MO-CAM	srgt environ, rec	1/5/2010	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	6	96	X
2009/10-2	MO-MEI	srgt environ	12/22/2009	Organic	2-Fluorophenol	n/a	=	13.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	MO-MEI	srgt environ	1/5/2010	Organic	2-Fluorophenol	n/a	=	19.8	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	1/5/2010	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	6	96	X
2009/10-2	MO-OJA	srgt environ	12/22/2009	Organic	2-Fluorophenol	n/a	=	12.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	31	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	MO-OJA	srgt environ	1/5/2010	Organic	2-Fluorophenol	n/a	=	18.3	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	1/5/2010	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	6	96	X
2009/10-2	MO-VEN	srgt environ	12/22/2009	Organic	2-Fluorophenol	n/a	=	14.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/22/2009	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-2	MO-VEN	srgt environ	1/5/2010	Organic	2-Fluorophenol	n/a	=	20.5	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	1/5/2010	Organic	2-Fluorophenol	n/a	=	51	%	EPA 625	-88	-88	6	96	X
2009/10-2	Lab	method blank	12/22/2009	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			X
2009/10-2	Lab	LCS	12/22/2009	Organic	2-Nitrophenol	n/a	=	24.1	µg/L	EPA 8270Cm	0.71	1			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	2-Nitrophenol	n/a	=	121	%	EPA 8270Cm	-88	-88	54	121	X
2009/10-2	Lab	method blank	12/22/2009	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5			M
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5			M
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	M,GB
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	M,GB
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	M
2009/10-2	Lab	LCS	1/4/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	19.7	µg/L	EPA 625	0.3	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	99	%	EPA 625	-88	-88	0.1	262	X
2009/10-2	Lab	method blank	1/4/2010	Organic	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5			X
2009/10-2	Lab	method blank	12/22/2009	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			X
2009/10-2	Lab	LCS	12/22/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	=	30.6	µg/L	EPA 8270Cm	0.14	1			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	=	153	%	EPA 8270Cm	-88	-88	26	137	EUM
2009/10-2	Lab	method blank	12/22/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			X
2009/10-2	Lab	srgt LCS	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10.6	µg/L	EPA 524.2	0	0			X
2009/10-2	Lab	srgt LCS dup	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10.5	µg/L	EPA 524.2	0	0			X
2009/10-2	Lab	srgt LCS dup, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	Lab	srgt LCS, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	Lab	srgt method blank	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	9.65	µg/L	EPA 524.2	0	0			X
2009/10-2	Lab	srgt method blank, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	96	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	ME-CC	srgt environ	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10.6	µg/L	EPA 524.2	0	0			X
2009/10-2	ME-CC	srgt environ, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	106	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	ME-SCR	srgt environ	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	0	0			X
2009/10-2	ME-SCR	srgt environ, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	ME-VR2	srgt environ	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	0	0			X
2009/10-2	ME-VR2	srgt environ, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-CAM	srgt environ	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	0	0			X
2009/10-2	MO-CAM	srgt environ, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-MEI	srgt environ	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	0	0			X
2009/10-2	MO-MEI	srgt environ, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-OJA	srgt environ	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10.2	µg/L	EPA 524.2	0	0			X
2009/10-2	MO-OJA	srgt environ	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10	µg/L	EPA 524.2	0	0			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	MO-OJA	srgt environ, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-OJA	srgt environ, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	MO-VEN	srgt environ	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	0	0			X
2009/10-2	MO-VEN	srgt environ, rec	12/9/2009	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	15.1	µg/L	EPA 625	0.23	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	14.4	µg/L	EPA 625	0.23	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	72	%	EPA 625	-88	-88	56	127	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	56	127	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	13.9	µg/L	EPA 625	0.23	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	69	%	EPA 625	-88	-88	56	127	X
2009/10-2	Lab	method blank	1/4/2010	Organic	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Organic	4-Chloro-3-methylphenol	n/a	=	14.7	µg/L	EPA 8270Cm	0.37	1			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Organic	4-Chloro-3-methylphenol	n/a	=	16.1	µg/L	EPA 8270Cm	0.37	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 8270Cm	-88	-88	39	121	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Organic	4-Chloro-3-methylphenol	n/a	=	74	%	EPA 8270Cm	-88	-88	39	121	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Organic	4-Chloro-3-methylphenol	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/22/2009	Organic	4-Chloro-3-methylphenol	n/a	=	15.9	µg/L	EPA 8270Cm	0.37	1			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	4-Chloro-3-methylphenol	n/a	=	80	%	EPA 8270Cm	-88	-88	67	107	X
2009/10-2	Lab	method blank	12/22/2009	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	16.7	µg/L	EPA 625	0.24	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	15.7	µg/L	EPA 625	0.24	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	78	%	EPA 625	-88	-88	25	158	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	84	%	EPA 625	-88	-88	25	158	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	15.2	µg/L	EPA 625	0.24	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	76	%	EPA 625	-88	-88	25	158	X
2009/10-2	Lab	method blank	1/4/2010	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Organic	4-Nitrophenol	n/a	=	9.06	µg/L	EPA 8270Cm	1	2			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Organic	4-Nitrophenol	n/a	=	9.94	µg/L	EPA 8270Cm	1	2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Organic	4-Nitrophenol	n/a	=	50	%	EPA 8270Cm	-88	-88	1	65	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Organic	4-Nitrophenol	n/a	=	45	%	EPA 8270Cm	-88	-88	1	65	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Organic	4-Nitrophenol	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/22/2009	Organic	4-Nitrophenol	n/a	=	7.33	µg/L	EPA 8270Cm	1	2			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	4-Nitrophenol	n/a	=	37	%	EPA 8270Cm	-88	-88	26	79	X
2009/10-2	Lab	method blank	12/22/2009	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Acenaphthene	n/a	=	17.1	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Acenaphthene	n/a	=	17.2	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Acenaphthene	n/a	=	86	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Acenaphthene	n/a	=	86	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Acenaphthene	n/a	=	0.6	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Acenaphthene	n/a	=	17.1	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Acenaphthene	n/a	=	85	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Acenaphthylene	n/a	=	18.4	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Acenaphthylene	n/a	=	18.6	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Acenaphthylene	n/a	=	93	%	EPA 8270Cm	-88	-88	33	145	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Acenaphthylene	n/a	=	92	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Acenaphthylene	n/a	=	0.9	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Acenaphthylene	n/a	=	19.2	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Acenaphthylene	n/a	=	96	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Anthracene	n/a	=	21.4	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Anthracene	n/a	=	21.5	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Anthracene	n/a	=	108	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Anthracene	n/a	=	107	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Anthracene	n/a	=	0.4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Anthracene	n/a	=	22.4	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Anthracene	n/a	=	112	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Benz(a)anthracene	n/a	=	22.4	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Benz(a)anthracene	n/a	=	20.2	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Benz(a)anthracene	n/a	=	101	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Benz(a)anthracene	n/a	=	112	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Benz(a)anthracene	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Benz(a)anthracene	n/a	=	31.8	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Benz(a)anthracene	n/a	=	159	%	EPA 8270Cm	-88	-88	33	143	EUM
2009/10-2	Lab	method blank	12/18/2009	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-2	Lab	method blank	1/4/2010	Organic	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Organic	Benzo(a)pyrene	n/a	=	0.71	µg/L	EPA 525.2	0.073	0.1			M
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Organic	Benzo(a)pyrene	n/a	=	0.57	µg/L	EPA 525.2	0.073	0.1			M
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Organic	Benzo(a)pyrene	n/a	=	11	%	EPA 525.2	-88	-88	29	153	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Organic	Benzo(a)pyrene	n/a	=	14	%	EPA 525.2	-88	-88	29	153	M,GB
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Organic	Benzo(a)pyrene	n/a	=	22	%	EPA 525.2	-88	-88	0	30	M
2009/10-2	Lab	LCS	12/15/2009	Organic	Benzo(a)pyrene	n/a	=	6.96	µg/L	EPA 525.2	0.073	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Organic	Benzo(a)pyrene	n/a	=	139	%	EPA 525.2	-88	-88	54	136	EUM
2009/10-2	Lab	method blank	12/15/2009	Organic	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Benzo(b)fluoranthene	n/a	=	22.3	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Benzo(b)fluoranthene	n/a	=	20.2	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Benzo(b)fluoranthene	n/a	=	101	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Benzo(b)fluoranthene	n/a	=	112	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Benzo(b)fluoranthene	n/a	=	10	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Benzo(b)fluoranthene	n/a	=	24.7	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Benzo(b)fluoranthene	n/a	=	123	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Benzo(g,h,i)perylene	n/a	=	17.1	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Benzo(g,h,i)perylene	n/a	=	15.7	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Benzo(g,h,i)perylene	n/a	=	78	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Benzo(g,h,i)perylene	n/a	=	85	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Benzo(g,h,i)perylene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Benzo(g,h,i)perylene	n/a	=	17.2	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Benzo(g,h,i)perylene	n/a	=	86	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Benzo(k)fluoranthene	n/a	=	20.2	µg/L	EPA 8270Cm	0.12	0.5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Benzo(k)fluoranthene	n/a	=	18.7	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Benzo(k)fluoranthene	n/a	=	94	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Benzo(k)fluoranthene	n/a	=	101	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Benzo(k)fluoranthene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Benzo(k)fluoranthene	n/a	=	23.1	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Benzo(k)fluoranthene	n/a	=	116	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	15.5	µg/L	EPA 625	0.4	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	16	µg/L	EPA 625	0.4	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625	-88	-88	33	184	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	78	%	EPA 625	-88	-88	33	184	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	16.3	µg/L	EPA 625	0.4	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	81	%	EPA 625	-88	-88	33	184	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	14	µg/L	EPA 625	0.46	1			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	14.4	µg/L	EPA 625	0.46	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	72	%	EPA 625	-88	-88	12	158	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625	-88	-88	12	158	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	14.8	µg/L	EPA 625	0.46	1			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	74	%	EPA 625	-88	-88	12	158	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	13.6	µg/L	EPA 625	0.48	2			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.2	µg/L	EPA 625	0.48	2			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	71	%	EPA 625	-88	-88	36	166	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	68	%	EPA 625	-88	-88	36	166	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	14.4	µg/L	EPA 625	0.48	2			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	72	%	EPA 625	-88	-88	36	166	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.82	µg/L	EPA 525.2	0.23	0.5			M
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	0.71	µg/L	EPA 525.2	0.23	0.5			M
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	14	%	EPA 525.2	-88	-88	28	147	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	16	%	EPA 525.2	-88	-88	28	147	M,GB
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	14	%	EPA 525.2	-88	-88	0	30	M
2009/10-2	Lab	LCS	12/15/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	6.26	µg/L	EPA 525.2	0.23	5			X
2009/10-2	Lab	LCS, rec	12/15/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	=	125	%	EPA 525.2	-88	-88	50	145	X
2009/10-2	Lab	method blank	12/15/2009	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.44	µg/L	EPA 525.2	1.1	1.2			M
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	1.23	µg/L	EPA 525.2	1.1	1.2			M
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	-8	%	EPA 525.2	-88	-88	23	154	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	-4	%	EPA 525.2	-88	-88	23	154	M,GB
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	16	%	EPA 525.2	-88	-88	0	30	M
2009/10-2	Lab	LCS	12/15/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	7.12	µg/L	EPA 525.2	1.1	3			X
2009/10-2	Lab	LCS, rec	12/15/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	142	%	EPA 525.2	-88	-88	54	142	X
2009/10-2	Lab	method blank	12/15/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Butyl benzyl phthalate	n/a	=	17.7	µg/L	EPA 625	1	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Butyl benzyl phthalate	n/a	=	18.7	µg/L	EPA 625	1	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Butyl benzyl phthalate	n/a	=	94	%	EPA 625	-88	-88	0.1	152	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Butyl benzyl phthalate	n/a	=	88	%	EPA 625	-88	-88	0.1	152	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Butyl benzyl phthalate	n/a	=	16.4	µg/L	EPA 625	1	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Butyl benzyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	152	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Chrysene	n/a	=	20.8	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Chrysene	n/a	=	20.8	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Chrysene	n/a	=	104	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Chrysene	n/a	=	104	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Chrysene	n/a	=	0.1	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Chrysene	n/a	=	21.1	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Chrysene	n/a	=	105	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Dibenz(a,h)anthracene	n/a	=	17.9	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Dibenz(a,h)anthracene	n/a	=	16.6	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Dibenz(a,h)anthracene	n/a	=	83	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Dibenz(a,h)anthracene	n/a	=	90	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Dibenz(a,h)anthracene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Dibenz(a,h)anthracene	n/a	=	17.8	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Dibenz(a,h)anthracene	n/a	=	89	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Diethyl phthalate	n/a	=	17.7	µg/L	EPA 625	0.23	2			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Diethyl phthalate	n/a	=	16.1	µg/L	EPA 625	0.23	2			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Diethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	112	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Diethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Diethyl phthalate	n/a	=	9	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Diethyl phthalate	n/a	=	16	µg/L	EPA 625	0.23	2			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	112	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Dimethyl phthalate	n/a	=	17.3	µg/L	EPA 625	0.26	2			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Dimethyl phthalate	n/a	=	17.4	µg/L	EPA 625	0.26	2			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Dimethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Dimethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	112	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Dimethyl phthalate	n/a	=	0.6	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Dimethyl phthalate	n/a	=	17.4	µg/L	EPA 625	0.26	2			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Dimethyl phthalate	n/a	=	87	%	EPA 625	-88	-88	0.1	112	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Di-n-butylphthalate	n/a	=	15.6	µg/L	EPA 625	0.53	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Di-n-butylphthalate	n/a	=	16.8	µg/L	EPA 625	0.53	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Di-n-butylphthalate	n/a	=	84	%	EPA 625	-88	-88	1	118	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Di-n-butylphthalate	n/a	=	78	%	EPA 625	-88	-88	1	118	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Di-n-butylphthalate	n/a	=	16	µg/L	EPA 625	0.53	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Di-n-butylphthalate	n/a	=	80	%	EPA 625	-88	-88	1	118	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	method blank	1/4/2010	Organic	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Di-n-octylphthalate	n/a	=	19.3	µg/L	EPA 625	0.28	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Di-n-octylphthalate	n/a	=	19.8	µg/L	EPA 625	0.28	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Di-n-octylphthalate	n/a	=	99	%	EPA 625	-88	-88	6	146	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Di-n-octylphthalate	n/a	=	96	%	EPA 625	-88	-88	6	146	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Di-n-octylphthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Di-n-octylphthalate	n/a	=	17.4	µg/L	EPA 625	0.28	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Di-n-octylphthalate	n/a	=	87	%	EPA 625	-88	-88	6	146	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Fluoranthene	n/a	=	18.3	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Fluoranthene	n/a	=	17.7	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Fluoranthene	n/a	=	89	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Fluoranthene	n/a	=	92	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Fluoranthene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Fluoranthene	n/a	=	21	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Fluoranthene	n/a	=	105	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Fluorene	n/a	=	18.4	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Fluorene	n/a	=	18.6	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Fluorene	n/a	=	93	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Fluorene	n/a	=	92	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Fluorene	n/a	=	0.9	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Fluorene	n/a	=	18.6	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Fluorene	n/a	=	93	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Hexachlorobenzene	n/a	=	15.2	µg/L	EPA 625	0.15	1			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Hexachlorobenzene	n/a	=	14.3	µg/L	EPA 625	0.15	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Hexachlorobenzene	n/a	=	72	%	EPA 625	-88	-88	0.1	152	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Hexachlorobenzene	n/a	=	76	%	EPA 625	-88	-88	0.1	152	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Hexachlorobenzene	n/a	=	14	µg/L	EPA 625	0.15	1			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Hexachlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	152	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Hexachlorobutadiene	n/a	=	16.2	µg/L	EPA 625	0.41	1			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Hexachlorobutadiene	n/a	=	16.4	µg/L	EPA 625	0.41	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Hexachlorobutadiene	n/a	=	82	%	EPA 625	-88	-88	24	116	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Hexachlorobutadiene	n/a	=	81	%	EPA 625	-88	-88	24	116	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Hexachlorobutadiene	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Hexachlorobutadiene	n/a	=	16.1	µg/L	EPA 625	0.41	1			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Hexachlorobutadiene	n/a	=	81	%	EPA 625	-88	-88	24	116	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Hexachlorocyclopentadiene	n/a	=	11.6	µg/L	EPA 625	5	10			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Hexachlorocyclopentadiene	n/a	=	8.21	µg/L	EPA 625	5	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Hexachlorocyclopentadiene	n/a	=	41	%	EPA 625	-88	-88	0.1	146	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Hexachlorocyclopentadiene	n/a	=	58	%	EPA 625	-88	-88	0.1	146	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Hexachlorocyclopentadiene	n/a	=	34	%	EPA 625	-88	-88	0	30	IL
2009/10-2	Lab	LCS	1/4/2010	Organic	Hexachlorocyclopentadiene	n/a	=	12.5	µg/L	EPA 625	5	10			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Hexachlorocyclopentadiene	n/a	=	63	%	EPA 625	-88	-88	0.1	136	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Hexachloroethane	n/a	=	15	µg/L	EPA 625	0.36	1			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Hexachloroethane	n/a	=	14.8	µg/L	EPA 625	0.36	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Hexachloroethane	n/a	=	74	%	EPA 625	-88	-88	40	113	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Hexachloroethane	n/a	=	75	%	EPA 625	-88	-88	40	113	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Hexachloroethane	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Hexachloroethane	n/a	=	14.6	µg/L	EPA 625	0.36	1			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Hexachloroethane	n/a	=	73	%	EPA 625	-88	-88	40	113	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17.6	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	16.5	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	82	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	88	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	17.7	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	89	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Isophorone	n/a	=	14.7	µg/L	EPA 625	0.33	1			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Isophorone	n/a	=	15.2	µg/L	EPA 625	0.33	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Isophorone	n/a	=	76	%	EPA 625	-88	-88	21	196	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Isophorone	n/a	=	73	%	EPA 625	-88	-88	21	196	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Isophorone	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Isophorone	n/a	=	15.4	µg/L	EPA 625	0.33	1			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Isophorone	n/a	=	77	%	EPA 625	-88	-88	21	196	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1			X
2009/10-2	Lab	LCS	12/9/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.32	µg/L	EPA 524.2	1.1	3			X
2009/10-2	Lab	LCS dup	12/9/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.39	µg/L	EPA 524.2	1.1	3			X
2009/10-2	Lab	LCS dup, rec	12/9/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	106	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	Lab	LCS, rec	12/9/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	105	%	EPA 524.2	-88	-88	70	130	X
2009/10-2	Lab	LCS, RPD	12/9/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	1	%	EPA 524.2	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/9/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3			X
2009/10-2	MO-OJA	field duplicate	12/9/2009	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3			X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Naphthalene	n/a	=	15.8	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Naphthalene	n/a	=	16.1	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Naphthalene	n/a	=	80	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Naphthalene	n/a	=	79	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Naphthalene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Naphthalene	n/a	=	16.2	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Naphthalene	n/a	=	81	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	Nitrobenzene	n/a	=	15	µg/L	EPA 625	0.37	1			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	Nitrobenzene	n/a	=	15.7	µg/L	EPA 625	0.37	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	Nitrobenzene	n/a	=	78	%	EPA 625	-88	-88	35	180	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	Nitrobenzene	n/a	=	75	%	EPA 625	-88	-88	35	180	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	Nitrobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	Nitrobenzene	n/a	=	15.8	µg/L	EPA 625	0.37	1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	Nitrobenzene	n/a	=	79	%	EPA 625	-88	-88	35	180	X
2009/10-2	Lab	method blank	1/4/2010	Organic	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1			X
2009/10-2	000NONPJ	srgt matrix spike	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	17.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 8270Cm	-88	-88	41	143	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	000NONPJ	srgt matrix spike	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	17.1	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	17.6	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 625	-88	-88	34	139	X
2009/10-2	000NONPJ	srgt matrix spike, rec	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625	-88	-88	34	139	X
2009/10-2	Lab	srgt LCS	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	19.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	97	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	Lab	srgt method blank	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	17.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	Lab	srgt LCS	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	18	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	34	139	X
2009/10-2	Lab	srgt method blank	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	16.7	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	34	139	X
2009/10-2	ME-CC	srgt environ	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	18.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	ME-CC	srgt environ	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	18.3	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	91	%	EPA 625	-88	-88	34	139	X
2009/10-2	ME-SCR	srgt environ	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	16.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	ME-SCR	srgt environ	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	16.4	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	1/4/2010	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	34	139	X
2009/10-2	ME-VR2	srgt environ	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	35.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	88	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	ME-VR2	srgt environ	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	35.6	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 625	-88	-88	34	139	X
2009/10-2	MO-CAM	srgt environ	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	32.1	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	MO-CAM	srgt environ	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	31.8	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	34	139	X
2009/10-2	MO-MEI	srgt environ	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	18.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	MO-MEI	srgt environ	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	19.3	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	96	%	EPA 625	-88	-88	34	139	X
2009/10-2	MO-OJA	srgt environ	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	MO-OJA	srgt environ	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	17.4	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625	-88	-88	34	139	X
2009/10-2	MO-VEN	srgt environ	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	17.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/18/2009	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-2	MO-VEN	srgt environ	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	18.5	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	1/5/2010	Organic	Nitrobenzene-d5	n/a	=	92	%	EPA 625	-88	-88	34	139	X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	N-Nitrosodimethylamine	n/a	=	8.47	µg/L	EPA 625	0.36	5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	N-Nitrosodimethylamine	n/a	=	9.01	µg/L	EPA 625	0.36	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	N-Nitrosodimethylamine	n/a	=	45	%	EPA 625	-88	-88	22	70	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	N-Nitrosodimethylamine	n/a	=	42	%	EPA 625	-88	-88	22	70	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	N-Nitrosodimethylamine	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	N-Nitrosodimethylamine	n/a	=	9.13	µg/L	EPA 625	0.36	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	N-Nitrosodimethylamine	n/a	=	46	%	EPA 625	-88	-88	27	78	X
2009/10-2	Lab	method blank	1/4/2010	Organic	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.1	µg/L	EPA 625	0.41	5			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.7	µg/L	EPA 625	0.41	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	78	%	EPA 625	-88	-88	0.1	230	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	76	%	EPA 625	-88	-88	0.1	230	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	15.8	µg/L	EPA 625	0.41	5			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625	-88	-88	0.1	230	X
2009/10-2	Lab	method blank	1/4/2010	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5			X
2009/10-2	000NONPJ	matrix spike	1/4/2010	Organic	N-Nitrosodiphenylamine	n/a	=	13	µg/L	EPA 625	0.23	1			X
2009/10-2	000NONPJ	matrix spike dup	1/4/2010	Organic	N-Nitrosodiphenylamine	n/a	=	12.1	µg/L	EPA 625	0.23	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	1/4/2010	Organic	N-Nitrosodiphenylamine	n/a	=	61	%	EPA 625	-88	-88	17	138	X
2009/10-2	000NONPJ	matrix spike, rec	1/4/2010	Organic	N-Nitrosodiphenylamine	n/a	=	65	%	EPA 625	-88	-88	17	138	X
2009/10-2	000NONPJ	matrix spike, RPD	1/4/2010	Organic	N-Nitrosodiphenylamine	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-2	Lab	LCS	1/4/2010	Organic	N-Nitrosodiphenylamine	n/a	=	13.8	µg/L	EPA 625	0.23	1			X
2009/10-2	Lab	LCS, rec	1/4/2010	Organic	N-Nitrosodiphenylamine	n/a	=	69	%	EPA 625	-88	-88	48	129	X
2009/10-2	Lab	method blank	1/4/2010	Organic	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1			X
2009/10-2	000NONPJ	srgt matrix spike	12/15/2009	Organic	Perylene-d12	n/a	=	2.76	µg/L	EPA 525.2	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/15/2009	Organic	Perylene-d12	n/a	=	2.25	µg/L	EPA 525.2	-88	-88			M
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/15/2009	Organic	Perylene-d12	n/a	=	45	%	EPA 525.2	-88	-88	48	141	GN
2009/10-2	000NONPJ	srgt matrix spike, rec	12/15/2009	Organic	Perylene-d12	n/a	=	55	%	EPA 525.2	-88	-88	48	141	X
2009/10-2	Lab	srgt LCS	12/15/2009	Organic	Perylene-d12	n/a	=	5.16	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/15/2009	Organic	Perylene-d12	n/a	=	103	%	EPA 525.2	-88	-88	48	141	X
2009/10-2	Lab	srgt method blank	12/15/2009	Organic	Perylene-d12	n/a	=	4.32	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/15/2009	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	48	141	X
2009/10-2	ME-CC	srgt environ	12/15/2009	Organic	Perylene-d12	n/a	=	9.94	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/15/2009	Organic	Perylene-d12	n/a	=	199	%	EPA 525.2	-88	-88	48	141	GN
2009/10-2	ME-SCR	srgt environ	12/15/2009	Organic	Perylene-d12	n/a	=	1.51	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/15/2009	Organic	Perylene-d12	n/a	=	30	%	EPA 525.2	-88	-88	48	141	GN
2009/10-2	ME-VR2	srgt environ	12/15/2009	Organic	Perylene-d12	n/a	=	4.24	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/15/2009	Organic	Perylene-d12	n/a	=	85	%	EPA 525.2	-88	-88	48	141	X
2009/10-2	MO-CAM	srgt environ	12/15/2009	Organic	Perylene-d12	n/a	=	7.52	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/15/2009	Organic	Perylene-d12	n/a	=	75	%	EPA 525.2	-88	-88	48	141	X
2009/10-2	MO-MEI	srgt environ	12/15/2009	Organic	Perylene-d12	n/a	=	2.26	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/15/2009	Organic	Perylene-d12	n/a	=	45	%	EPA 525.2	-88	-88	48	141	GN
2009/10-2	MO-OJA	srgt environ	12/15/2009	Organic	Perylene-d12	n/a	=	2.62	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/15/2009	Organic	Perylene-d12	n/a	=	52	%	EPA 525.2	-88	-88	48	141	X
2009/10-2	MO-VEN	srgt environ	12/15/2009	Organic	Perylene-d12	n/a	=	1.5	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/15/2009	Organic	Perylene-d12	n/a	=	30	%	EPA 525.2	-88	-88	48	141	GN
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Phenanthrene	n/a	=	18.8	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Phenanthrene	n/a	=	18.9	µg/L	EPA 8270Cm	0.11	0.5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Phenanthrene	n/a	=	94	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Phenanthrene	n/a	=	94	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Phenanthrene	n/a	=	0.05	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Phenanthrene	n/a	=	18.6	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Phenanthrene	n/a	=	93	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Organic	Phenol	n/a	=	4.02	µg/L	EPA 8270Cm	0.35	1			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Organic	Phenol	n/a	=	4.37	µg/L	EPA 8270Cm	0.35	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Organic	Phenol	n/a	=	22	%	EPA 8270Cm	-88	-88	14	50	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Organic	Phenol	n/a	=	20	%	EPA 8270Cm	-88	-88	14	50	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Organic	Phenol	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/22/2009	Organic	Phenol	n/a	=	4.54	µg/L	EPA 8270Cm	0.35	1			X
2009/10-2	Lab	LCS, rec	12/22/2009	Organic	Phenol	n/a	=	23	%	EPA 8270Cm	-88	-88	36	65	EUM
2009/10-2	Lab	method blank	12/22/2009	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			X
2009/10-2	000NONPJ	srgt matrix spike	12/22/2009	Organic	Phenol-d5	n/a	=	7.16	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/22/2009	Organic	Phenol-d5	n/a	=	7.79	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/22/2009	Organic	Phenol-d5	n/a	=	19	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/22/2009	Organic	Phenol-d5	n/a	=	18	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	000NONPJ	srgt matrix spike	1/4/2010	Organic	Phenol-d5	n/a	=	10.3	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	1/4/2010	Organic	Phenol-d5	n/a	=	11.3	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	1/4/2010	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	X
2009/10-2	000NONPJ	srgt matrix spike, rec	1/4/2010	Organic	Phenol-d5	n/a	=	26	%	EPA 625	-88	-88	2	70	X
2009/10-2	Lab	srgt LCS	12/22/2009	Organic	Phenol-d5	n/a	=	8.37	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/22/2009	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	Lab	srgt method blank	12/22/2009	Organic	Phenol-d5	n/a	=	8.56	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/22/2009	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	Lab	srgt LCS	1/4/2010	Organic	Phenol-d5	n/a	=	12.2	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	1/4/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	X
2009/10-2	Lab	srgt method blank	1/4/2010	Organic	Phenol-d5	n/a	=	12	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	1/4/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	X
2009/10-2	ME-CC	srgt environ	12/22/2009	Organic	Phenol-d5	n/a	=	7.02	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/22/2009	Organic	Phenol-d5	n/a	=	18	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	ME-CC	srgt environ	1/4/2010	Organic	Phenol-d5	n/a	=	10.1	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	1/4/2010	Organic	Phenol-d5	n/a	=	25	%	EPA 625	-88	-88	2	70	X
2009/10-2	ME-SCR	srgt environ	12/22/2009	Organic	Phenol-d5	n/a	=	6.61	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/22/2009	Organic	Phenol-d5	n/a	=	17	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	ME-SCR	srgt environ	1/4/2010	Organic	Phenol-d5	n/a	=	9.67	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	1/4/2010	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	2	70	X
2009/10-2	ME-VR2	srgt environ	12/22/2009	Organic	Phenol-d5	n/a	=	16.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/22/2009	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	ME-VR2	srgt environ	1/5/2010	Organic	Phenol-d5	n/a	=	24.3	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	1/5/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	X
2009/10-2	MO-CAM	srgt environ	12/22/2009	Organic	Phenol-d5	n/a	=	15.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/22/2009	Organic	Phenol-d5	n/a	=	19	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	MO-CAM	srgt environ	1/5/2010	Organic	Phenol-d5	n/a	=	22.5	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	1/5/2010	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	X
2009/10-2	MO-MEI	srgt environ	12/22/2009	Organic	Phenol-d5	n/a	=	8.47	µg/L	EPA 8270Cm	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	MO-MEI	srgt environ, rec	12/22/2009	Organic	Phenol-d5	n/a	=	21	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	MO-MEI	srgt environ	1/5/2010	Organic	Phenol-d5	n/a	=	12.5	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	1/5/2010	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	X
2009/10-2	MO-OJA	srgt environ	12/22/2009	Organic	Phenol-d5	n/a	=	7.88	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/22/2009	Organic	Phenol-d5	n/a	=	20	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	MO-OJA	srgt environ	1/5/2010	Organic	Phenol-d5	n/a	=	11.6	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	1/5/2010	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	X
2009/10-2	MO-VEN	srgt environ	12/22/2009	Organic	Phenol-d5	n/a	=	9.62	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/22/2009	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-2	MO-VEN	srgt environ	1/5/2010	Organic	Phenol-d5	n/a	=	13.7	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	1/5/2010	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	2	70	X
2009/10-2	000NONPJ	srgt matrix spike	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	16.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	15.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	83	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	000NONPJ	srgt matrix spike	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	14.7	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	15.6	µg/L	EPA 625	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	6	145	X
2009/10-2	000NONPJ	srgt matrix spike, rec	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 625	-88	-88	6	145	X
2009/10-2	Lab	srgt LCS	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	20.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	102	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	Lab	srgt method blank	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	19.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	97	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	Lab	srgt LCS	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	15.5	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 625	-88	-88	6	145	X
2009/10-2	Lab	srgt method blank	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	15.5	µg/L	EPA 625	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	78	%	EPA 625	-88	-88	6	145	X
2009/10-2	ME-CC	srgt environ	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	16.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	ME-CC	srgt environ	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	15	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	6	145	X
2009/10-2	ME-SCR	srgt environ	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	17.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	88	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	ME-SCR	srgt environ	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	14.5	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	1/4/2010	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625	-88	-88	6	145	X
2009/10-2	ME-VR2	srgt environ	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	39.1	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	98	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	ME-VR2	srgt environ	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	32.5	µg/L	EPA 625	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	81	%	EPA 625	-88	-88	6	145	X
2009/10-2	MO-CAM	srgt environ	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	35.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	MO-CAM	srgt environ	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	30	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	6	145	X
2009/10-2	MO-MEI	srgt environ	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	17.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	MO-MEI	srgt environ	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	16.3	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	82	%	EPA 625	-88	-88	6	145	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	MO-OJA	srgt environ	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	17.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	86	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	MO-OJA	srgt environ	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	14.9	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	6	145	X
2009/10-2	MO-VEN	srgt environ	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	16.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/18/2009	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-2	MO-VEN	srgt environ	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	16.8	µg/L	EPA 625	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	1/5/2010	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	6	145	X
2009/10-2	000NONPJ	matrix spike	12/18/2009	Organic	Pyrene	n/a	=	18.1	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-2	000NONPJ	matrix spike dup	12/18/2009	Organic	Pyrene	n/a	=	17.3	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/18/2009	Organic	Pyrene	n/a	=	86	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-2	000NONPJ	matrix spike, rec	12/18/2009	Organic	Pyrene	n/a	=	91	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-2	000NONPJ	matrix spike, RPD	12/18/2009	Organic	Pyrene	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/18/2009	Organic	Pyrene	n/a	=	21.4	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-2	Lab	LCS, rec	12/18/2009	Organic	Pyrene	n/a	=	107	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-2	Lab	method blank	12/18/2009	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-2	000NONPJ	srgt matrix spike	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0656	µg/L	EPA 608	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0646	µg/L	EPA 608	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	65	%	EPA 608	-88	-88	26	131	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	66	%	EPA 608	-88	-88	26	131	X
2009/10-2	Lab	srgt LCS	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.437	µg/L	EPA 608	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 608	-88	-88	26	131	X
2009/10-2	Lab	srgt method blank	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.449	µg/L	EPA 608	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	90	%	EPA 608	-88	-88	26	131	X
2009/10-2	ME-CC	srgt environ	12/21/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0562	µg/L	EPA 608	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/21/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608	-88	-88	26	131	X
2009/10-2	ME-SCR	srgt environ	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0606	µg/L	EPA 608	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	61	%	EPA 608	-88	-88	26	131	X
2009/10-2	ME-VR2	srgt environ	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0635	µg/L	EPA 608	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	64	%	EPA 608	-88	-88	26	131	X
2009/10-2	MO-CAM	srgt environ	12/21/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0435	µg/L	EPA 608	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/21/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	44	%	EPA 608	-88	-88	26	131	X
2009/10-2	MO-MEI	srgt environ	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0501	µg/L	EPA 608	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	50	%	EPA 608	-88	-88	26	131	X
2009/10-2	MO-OJA	srgt environ	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0589	µg/L	EPA 608	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/17/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	59	%	EPA 608	-88	-88	26	131	X
2009/10-2	MO-VEN	srgt environ	12/21/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0371	µg/L	EPA 608	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/21/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	37	%	EPA 608	-88	-88	26	131	X
2009/10-2	000NONPJ	srgt matrix spike	12/15/2009	Organic	Triphenylphosphate	n/a	=	5.7	µg/L	EPA 525.2	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/15/2009	Organic	Triphenylphosphate	n/a	=	5.6	µg/L	EPA 525.2	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	Lab	srgt LCS	12/15/2009	Organic	Triphenylphosphate	n/a	=	5.75	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	115	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	Lab	srgt method blank	12/15/2009	Organic	Triphenylphosphate	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	Lab	srgt LCS	12/27/2009	Organic	Triphenylphosphate	n/a	=	0.539	µg/L	EPA 525.2	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	srgt LCS dup	12/27/2009	Organic	Triphenylphosphate	n/a	=	0.536	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt LCS dup, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	107	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	Lab	srgt LCS, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	Lab	srgt method blank	12/27/2009	Organic	Triphenylphosphate	n/a	=	0.53	µg/L	EPA 525.2	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	106	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	ME-CC	srgt environ	12/15/2009	Organic	Triphenylphosphate	n/a	=	9.15	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	183	%	EPA 525.2	-88	-88	71	150	GN
2009/10-2	ME-CC	srgt environ	12/27/2009	Organic	Triphenylphosphate	n/a	=	0.973	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	ME-SCR	srgt environ	12/15/2009	Organic	Triphenylphosphate	n/a	=	5.88	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	118	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	ME-SCR	srgt environ	12/27/2009	Organic	Triphenylphosphate	n/a	=	0.946	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	ME-VR2	srgt environ	12/15/2009	Organic	Triphenylphosphate	n/a	=	5.67	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	ME-VR2	srgt environ	12/27/2009	Organic	Triphenylphosphate	n/a	=	1.03	µg/L	EPA 525.2	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	103	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	MO-CAM	srgt environ	12/15/2009	Organic	Triphenylphosphate	n/a	=	10.9	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	MO-CAM	srgt environ	12/27/2009	Organic	Triphenylphosphate	n/a	=	0.961	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	MO-MEI	srgt environ	12/15/2009	Organic	Triphenylphosphate	n/a	=	5.39	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	108	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	MO-MEI	srgt environ	12/27/2009	Organic	Triphenylphosphate	n/a	=	0.922	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	MO-OJA	srgt environ	12/15/2009	Organic	Triphenylphosphate	n/a	=	5.61	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	MO-OJA	srgt environ	12/27/2009	Organic	Triphenylphosphate	n/a	=	0.945	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	MO-VEN	srgt environ	12/15/2009	Organic	Triphenylphosphate	n/a	=	5.87	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/15/2009	Organic	Triphenylphosphate	n/a	=	117	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	MO-VEN	srgt environ	12/27/2009	Organic	Triphenylphosphate	n/a	=	0.833	µg/L	EPA 525.2	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/27/2009	Organic	Triphenylphosphate	n/a	=	83	%	EPA 525.2	-88	-88	71	150	X
2009/10-2	000NONPJ	srgt matrix spike	12/17/2009	PCB	PCB 209	n/a	=	0.0346	µg/L	EPA 608	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup	12/17/2009	PCB	PCB 209	n/a	=	0.0369	µg/L	EPA 608	-88	-88			X
2009/10-2	000NONPJ	srgt matrix spike dup, rec	12/17/2009	PCB	PCB 209	n/a	=	37	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	000NONPJ	srgt matrix spike, rec	12/17/2009	PCB	PCB 209	n/a	=	35	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	Lab	srgt LCS	12/17/2009	PCB	PCB 209	n/a	=	0.403	µg/L	EPA 608	-88	-88			X
2009/10-2	Lab	srgt LCS, rec	12/17/2009	PCB	PCB 209	n/a	=	81	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	Lab	srgt method blank	12/17/2009	PCB	PCB 209	n/a	=	0.354	µg/L	EPA 608	-88	-88			X
2009/10-2	Lab	srgt method blank, rec	12/17/2009	PCB	PCB 209	n/a	=	71	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	ME-CC	srgt environ	12/21/2009	PCB	PCB 209	n/a	=	0.0479	µg/L	EPA 608	-88	-88			X
2009/10-2	ME-CC	srgt environ, rec	12/21/2009	PCB	PCB 209	n/a	=	48	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	ME-SCR	srgt environ	12/17/2009	PCB	PCB 209	n/a	=	0.0349	µg/L	EPA 608	-88	-88			X
2009/10-2	ME-SCR	srgt environ, rec	12/17/2009	PCB	PCB 209	n/a	=	35	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	ME-VR2	srgt environ	12/17/2009	PCB	PCB 209	n/a	=	0.0479	µg/L	EPA 608	-88	-88			X
2009/10-2	ME-VR2	srgt environ, rec	12/17/2009	PCB	PCB 209	n/a	=	48	%	EPA 608	-88	-88	0.1	154	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	MO-CAM	srgt environ	12/21/2009	PCB	PCB 209	n/a	=	0.0395	µg/L	EPA 608	-88	-88			X
2009/10-2	MO-CAM	srgt environ, rec	12/21/2009	PCB	PCB 209	n/a	=	39	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	MO-MEI	srgt environ	12/17/2009	PCB	PCB 209	n/a	=	0.0349	µg/L	EPA 608	-88	-88			X
2009/10-2	MO-MEI	srgt environ, rec	12/17/2009	PCB	PCB 209	n/a	=	35	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	MO-OJA	srgt environ	12/17/2009	PCB	PCB 209	n/a	=	0.044	µg/L	EPA 608	-88	-88			X
2009/10-2	MO-OJA	srgt environ, rec	12/17/2009	PCB	PCB 209	n/a	=	44	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	MO-VEN	srgt environ	12/21/2009	PCB	PCB 209	n/a	=	0.0309	µg/L	EPA 608	-88	-88			X
2009/10-2	MO-VEN	srgt environ, rec	12/21/2009	PCB	PCB 209	n/a	=	31	%	EPA 608	-88	-88	0.1	154	X
2009/10-2	Lab	method blank	12/17/2009	PCB	PCB Aroclor 1016	n/a	<	0.25	µg/L	EPA 608	0.25	2.5			X
2009/10-2	Lab	method blank	12/17/2009	PCB	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608	0.3	2.5			X
2009/10-2	Lab	method blank	12/17/2009	PCB	PCB Aroclor 1232	n/a	<	0.75	µg/L	EPA 608	0.75	2.5			X
2009/10-2	Lab	method blank	12/17/2009	PCB	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608	0.35	2.5			X
2009/10-2	Lab	method blank	12/17/2009	PCB	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608	0.3	2.5			X
2009/10-2	Lab	method blank	12/17/2009	PCB	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608	0.2	2.5			X
2009/10-2	Lab	method blank	12/17/2009	PCB	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608	0.2	2.5			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	2,4,5-T	n/a	=	2.17	µg/L	EPA 515.3	0.05	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	2,4,5-T	n/a	=	2.15	µg/L	EPA 515.3	0.05	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	2,4,5-T	n/a	=	107	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	2,4,5-T	n/a	=	109	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	2,4,5-T	n/a	=	1	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	2,4,5-T	n/a	=	1.96	µg/L	EPA 515.3	0.05	0.2			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	2,4,5-T	n/a	=	98	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	2,4,5-TP	n/a	=	2.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	2,4,5-TP	n/a	=	2.07	µg/L	EPA 515.3	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	2,4,5-TP	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	2,4,5-TP	n/a	=	101	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	2,4,5-TP	n/a	=	2	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	2,4,5-TP	n/a	=	2.14	µg/L	EPA 515.3	0.02	0.2			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	2,4,5-TP	n/a	=	107	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	2,4-D	n/a	=	4.36	µg/L	EPA 515.3	0.05	0.4			M
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	2,4-D	n/a	=	4.77	µg/L	EPA 515.3	0.05	0.4			M
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	2,4-D	n/a	=	238	%	EPA 515.3	-88	-88	70	130	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	2,4-D	n/a	=	218	%	EPA 515.3	-88	-88	70	130	M,GB
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	2,4-D	n/a	=	9	%	EPA 515.3	-88	-88	0	30	M
2009/10-2	Lab	method blank	12/11/2009	Pesticide	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	2,4-D	n/a	=	2.08	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	2,4-D	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	2,4-DB	n/a	=	2.33	µg/L	EPA 515.3	0.42	2			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	2,4-DB	n/a	=	2.33	µg/L	EPA 515.3	0.42	2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	2,4-DB	n/a	=	117	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	2,4-DB	n/a	=	117	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	2,4-DB	n/a	=	0.09	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	2,4-DB	n/a	=	2.38	µg/L	EPA 515.3	0.42	2			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	2,4-DB	n/a	=	119	%	EPA 515.3	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	method blank	12/17/2009	Pesticide	2,4'-DDD	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	2,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	2,4'-DDT	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2.53	µg/L	EPA 515.3	0.08	1			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2.52	µg/L	EPA 515.3	0.08	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	126	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	127	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1.9	µg/L	EPA 515.3	0.08	1			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	95	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	4,4'-DDD	n/a	=	0.101	µg/L	EPA 608	0.003	0.05			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	4,4'-DDD	n/a	=	0.0973	µg/L	EPA 608	0.003	0.05			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	4,4'-DDD	n/a	=	97	%	EPA 608	-88	-88	31	141	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	4,4'-DDD	n/a	=	101	%	EPA 608	-88	-88	31	141	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	4,4'-DDD	n/a	=	0.651	µg/L	EPA 608	0.015	0.25			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	4,4'-DDD	n/a	=	130	%	EPA 608	-88	-88	30	141	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	4,4'-DDD	n/a	<	0.015	µg/L	EPA 608	0.015	0.25			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	4,4'-DDE	n/a	=	0.0843	µg/L	EPA 608	0.0025	0.05			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	4,4'-DDE	n/a	=	0.0775	µg/L	EPA 608	0.0025	0.05			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	4,4'-DDE	n/a	=	78	%	EPA 608	-88	-88	30	145	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	4,4'-DDE	n/a	=	84	%	EPA 608	-88	-88	30	145	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	4,4'-DDE	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	4,4'-DDE	n/a	=	0.547	µg/L	EPA 608	0.012	0.25			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	4,4'-DDE	n/a	=	109	%	EPA 608	-88	-88	30	145	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	4,4'-DDE	n/a	<	0.012	µg/L	EPA 608	0.012	0.25			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	4,4'-DDT	n/a	=	0.0662	µg/L	EPA 608	0.0031	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	4,4'-DDT	n/a	=	0.0528	µg/L	EPA 608	0.0031	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	4,4'-DDT	n/a	=	53	%	EPA 608	-88	-88	25	160	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	4,4'-DDT	n/a	=	66	%	EPA 608	-88	-88	25	160	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	4,4'-DDT	n/a	=	22	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	4,4'-DDT	n/a	=	0.347	µg/L	EPA 608	0.016	0.05			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	4,4'-DDT	n/a	=	69	%	EPA 608	-88	-88	25	160	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	4,4'-DDT	n/a	<	0.016	µg/L	EPA 608	0.016	0.05			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	Acifluorfen	n/a	=	2.16	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	Acifluorfen	n/a	=	2.5	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	Acifluorfen	n/a	=	125	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	Acifluorfen	n/a	=	108	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	Acifluorfen	n/a	=	15	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	Acifluorfen	n/a	=	2.27	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	Acifluorfen	n/a	=	114	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Alachlor	n/a	=	5.5	µg/L	EPA 525.2	0.07	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Alachlor	n/a	=	4.82	µg/L	EPA 525.2	0.07	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Alachlor	n/a	=	96	%	EPA 525.2	-88	-88	58	177	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Alachlor	n/a	=	110	%	EPA 525.2	-88	-88	58	177	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Alachlor	n/a	=	13	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Alachlor	n/a	=	3.84	µg/L	EPA 525.2	0.07	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Alachlor	n/a	=	77	%	EPA 525.2	-88	-88	58	164	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	Aldrin	n/a	=	0.0795	µg/L	EPA 608	0.0015	0.005			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	Aldrin	n/a	=	0.0724	µg/L	EPA 608	0.0015	0.005			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	Aldrin	n/a	=	72	%	EPA 608	-88	-88	42	122	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	Aldrin	n/a	=	79	%	EPA 608	-88	-88	42	122	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	Aldrin	n/a	=	9	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	Aldrin	n/a	=	0.548	µg/L	EPA 608	0.0075	0.025			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	Aldrin	n/a	=	110	%	EPA 608	-88	-88	42	122	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Aldrin	n/a	<	0.0075	µg/L	EPA 608	0.0075	0.025			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	alpha-BHC	n/a	=	0.0938	µg/L	EPA 608	0.0018	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	alpha-BHC	n/a	=	0.0885	µg/L	EPA 608	0.0018	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	alpha-BHC	n/a	=	89	%	EPA 608	-88	-88	37	134	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	alpha-BHC	n/a	=	94	%	EPA 608	-88	-88	37	134	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	alpha-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	alpha-BHC	n/a	=	0.537	µg/L	EPA 608	0.009	0.05			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	alpha-BHC	n/a	=	107	%	EPA 608	-88	-88	37	134	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	alpha-BHC	n/a	<	0.009	µg/L	EPA 608	0.009	0.05			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	alpha-Chlordane	n/a	=	0.0844	µg/L	EPA 608	0.01	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	alpha-Chlordane	n/a	=	0.0792	µg/L	EPA 608	0.01	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	alpha-Chlordane	n/a	=	79	%	EPA 608	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	alpha-Chlordane	n/a	=	84	%	EPA 608	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	alpha-Chlordane	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	alpha-Chlordane	n/a	=	0.565	µg/L	EPA 608	0.05	0.05			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	alpha-Chlordane	n/a	=	113	%	EPA 608	-88	-88	70	130	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	alpha-Chlordane	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Atrazine	n/a	=	5.48	µg/L	EPA 525.2	0.047	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Atrazine	n/a	=	6.03	µg/L	EPA 525.2	0.047	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Atrazine	n/a	=	121	%	EPA 525.2	-88	-88	53	142	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Atrazine	n/a	=	110	%	EPA 525.2	-88	-88	53	142	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Atrazine	n/a	=	10	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Atrazine	n/a	=	5.8	µg/L	EPA 525.2	0.047	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Atrazine	n/a	=	116	%	EPA 525.2	-88	-88	68	133	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Azinphos methyl	n/a	=	0.148	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Azinphos methyl	n/a	=	0.138	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Azinphos methyl	n/a	=	276	%	EPA 525.2	-88	-88	53	303	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Azinphos methyl	n/a	=	296	%	EPA 525.2	-88	-88	53	303	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Azinphos methyl	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	Bentazon	n/a	=	1.9	µg/L	EPA 515.3	0.23	1.2			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	Bentazon	n/a	=	1.98	µg/L	EPA 515.3	0.23	1.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	Bentazon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	Bentazon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	Bentazon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	method blank	12/11/2009	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	Bentazon	n/a	=	2.04	µg/L	EPA 515.3	0.23	2			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	Bentazon	n/a	=	102	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	beta-BHC	n/a	=	0.092	µg/L	EPA 608	0.0031	0.005			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	beta-BHC	n/a	=	0.0749	µg/L	EPA 608	0.0031	0.005			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	beta-BHC	n/a	=	75	%	EPA 608	-88	-88	17	147	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	beta-BHC	n/a	=	92	%	EPA 608	-88	-88	17	147	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	beta-BHC	n/a	=	20	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	beta-BHC	n/a	=	0.515	µg/L	EPA 608	0.016	0.025			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	beta-BHC	n/a	=	103	%	EPA 608	-88	-88	14	147	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	beta-BHC	n/a	<	0.016	µg/L	EPA 608	0.016	0.025			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Bolstar	n/a	=	0.0523	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Bolstar	n/a	=	0.0549	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Bolstar	n/a	=	110	%	EPA 525.2	-88	-88	70	214	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Bolstar	n/a	=	105	%	EPA 525.2	-88	-88	70	214	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Bolstar	n/a	=	5	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Bromacil	n/a	=	5.64	µg/L	EPA 525.2	0.9	1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Bromacil	n/a	=	5.72	µg/L	EPA 525.2	0.9	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Bromacil	n/a	=	114	%	EPA 525.2	-88	-88	71	182	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Bromacil	n/a	=	113	%	EPA 525.2	-88	-88	71	182	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Bromacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Bromacil	n/a	=	5.35	µg/L	EPA 525.2	0.9	1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	43	177	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Butachlor	n/a	=	4.87	µg/L	EPA 525.2	0.1	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Butachlor	n/a	=	5.15	µg/L	EPA 525.2	0.1	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	67	181	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Butachlor	n/a	=	97	%	EPA 525.2	-88	-88	67	181	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Butachlor	n/a	=	6	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Butachlor	n/a	=	4.66	µg/L	EPA 525.2	0.1	0.2			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Butachlor	n/a	=	93	%	EPA 525.2	-88	-88	55	178	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Captan	n/a	=	8.05	µg/L	EPA 525.2	0.86	1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Captan	n/a	=	7.65	µg/L	EPA 525.2	0.86	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Captan	n/a	=	153	%	EPA 525.2	-88	-88	45	182	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Captan	n/a	=	161	%	EPA 525.2	-88	-88	45	182	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Captan	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Captan	n/a	=	6.47	µg/L	EPA 525.2	0.86	1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Captan	n/a	=	129	%	EPA 525.2	-88	-88	20	215	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	Chloramben	n/a	<	1	µg/L	EPA 515.3	1	1			X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Chlordane (technical)	n/a	<	0.4	µg/L	EPA 608	0.4	0.5			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Chloropropham	n/a	=	6.87	µg/L	EPA 525.2	0.01	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Chloropropham	n/a	=	7.11	µg/L	EPA 525.2	0.01	0.1			M
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Chloropropham	n/a	=	142	%	EPA 525.2	-88	-88	76	137	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Chloropropham	n/a	=	137	%	EPA 525.2	-88	-88	76	137	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Chloropropham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	M
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Chloropropham	n/a	=	5.63	µg/L	EPA 525.2	0.01	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Chloropropham	n/a	=	113	%	EPA 525.2	-88	-88	74	133	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Chlorpyrifos	n/a	=	0.0522	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Chlorpyrifos	n/a	=	0.0648	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Chlorpyrifos	n/a	=	130	%	EPA 525.2	-88	-88	70	131	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Chlorpyrifos	n/a	=	104	%	EPA 525.2	-88	-88	70	131	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Chlorpyrifos	n/a	=	21	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Coumaphos	n/a	=	0.12	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Coumaphos	n/a	=	0.11	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Coumaphos	n/a	=	220	%	EPA 525.2	-88	-88	70	271	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Coumaphos	n/a	=	239	%	EPA 525.2	-88	-88	70	271	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Coumaphos	n/a	=	8	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Cyanazine	n/a	=	1.62	µg/L	EPA 525.2	0.02	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Cyanazine	n/a	=	1.62	µg/L	EPA 525.2	0.02	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Cyanazine	n/a	=	32	%	EPA 525.2	-88	-88	26	145	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Cyanazine	n/a	=	32	%	EPA 525.2	-88	-88	26	145	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Cyanazine	n/a	=	0	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Cyanazine	n/a	=	4.88	µg/L	EPA 525.2	0.02	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Cyanazine	n/a	=	98	%	EPA 525.2	-88	-88	69	131	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	Dalapon	n/a	=	2.06	µg/L	EPA 515.3	0.04	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	Dalapon	n/a	=	2.07	µg/L	EPA 515.3	0.04	0.4			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	Dalapon	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	Dalapon	n/a	=	103	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	Dalapon	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	Dalapon	n/a	=	2.14	µg/L	EPA 515.3	0.04	0.4			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	Dalapon	n/a	=	107	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	DCPA (Dacthal)	n/a	=	5.9	µg/L	EPA 515.3	0.02	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	DCPA (Dacthal)	n/a	=	6.06	µg/L	EPA 515.3	0.02	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	DCPA (Dacthal)	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	DCPA (Dacthal)	n/a	=	96	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	DCPA (Dacthal)	n/a	=	1.75	µg/L	EPA 515.3	0.02	0.1			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	DCPA (Dacthal)	n/a	=	88	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	delta-BHC	n/a	=	0.126	µg/L	EPA 608	0.0025	0.005			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	delta-BHC	n/a	=	0.126	µg/L	EPA 608	0.0025	0.005			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	delta-BHC	n/a	=	126	%	EPA 608	-88	-88	19	140	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	delta-BHC	n/a	=	126	%	EPA 608	-88	-88	19	140	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	delta-BHC	n/a	=	0.07	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	delta-BHC	n/a	=	0.561	µg/L	EPA 608	0.012	0.025			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	delta-BHC	n/a	=	112	%	EPA 608	-88	-88	19	140	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	method blank	12/17/2009	Pesticide	delta-BHC	n/a	<	0.012	µg/L	EPA 608	0.012	0.025			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Demeton-O	n/a	=	0.0524	µg/L	EPA 525.2	0.01	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Demeton-O	n/a	=	0.0559	µg/L	EPA 525.2	0.01	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Demeton-O	n/a	=	112	%	EPA 525.2	-88	-88	37	295	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Demeton-O	n/a	=	105	%	EPA 525.2	-88	-88	37	295	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Demeton-O	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Demeton-S	n/a	=	0.0518	µg/L	EPA 525.2	0.01	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Demeton-S	n/a	=	0.0517	µg/L	EPA 525.2	0.01	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Demeton-S	n/a	=	103	%	EPA 525.2	-88	-88	70	159	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Demeton-S	n/a	=	104	%	EPA 525.2	-88	-88	70	159	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Demeton-S	n/a	=	0.2	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Diazinon	n/a	=	0.0571	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Diazinon	n/a	=	0.0596	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Diazinon	n/a	=	119	%	EPA 525.2	-88	-88	70	163	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Diazinon	n/a	=	114	%	EPA 525.2	-88	-88	70	163	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Diazinon	n/a	=	4	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	Dicamba	n/a	=	1.96	µg/L	EPA 515.3	0.08	0.6			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	Dicamba	n/a	=	2	µg/L	EPA 515.3	0.08	0.6			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	Dicamba	n/a	=	100	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	Dicamba	n/a	=	98	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	Dicamba	n/a	=	2	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	Dicamba	n/a	=	2.07	µg/L	EPA 515.3	0.08	0.6			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	Dicamba	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	Dichlorprop	n/a	=	2.43	µg/L	EPA 515.3	0.06	0.3			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	Dichlorprop	n/a	=	2.32	µg/L	EPA 515.3	0.06	0.3			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	Dichlorprop	n/a	=	116	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	Dichlorprop	n/a	=	121	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	Dichlorprop	n/a	=	2.37	µg/L	EPA 515.3	0.06	0.3			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	Dichlorprop	n/a	=	118	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Dichlorvos	n/a	=	0.0364	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Dichlorvos	n/a	=	0.0378	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Dichlorvos	n/a	=	76	%	EPA 525.2	-88	-88	70	161	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Dichlorvos	n/a	=	73	%	EPA 525.2	-88	-88	70	161	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Dichlorvos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	Dieldrin	n/a	=	0.109	µg/L	EPA 608	0.0021	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	Dieldrin	n/a	=	0.103	µg/L	EPA 608	0.0021	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	Dieldrin	n/a	=	103	%	EPA 608	-88	-88	36	146	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	Dieldrin	n/a	=	109	%	EPA 608	-88	-88	36	146	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	Dieldrin	n/a	=	5	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	Dieldrin	n/a	=	0.572	µg/L	EPA 608	0.01	0.05			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	Dieldrin	n/a	=	114	%	EPA 608	-88	-88	36	146	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Dieldrin	n/a	<	0.01	µg/L	EPA 608	0.01	0.05			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Dimethoate	n/a	=	0.0659	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Dimethoate	n/a	=	0.068	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Dimethoate	n/a	=	136	%	EPA 525.2	-88	-88	70	352	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Dimethoate	n/a	=	132	%	EPA 525.2	-88	-88	70	352	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Dimethoate	n/a	=	3	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	Dinoseb	n/a	=	2.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	Dinoseb	n/a	=	2.1	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	Dinoseb	n/a	=	105	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	Dinoseb	n/a	=	102	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	Dinoseb	n/a	=	2	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	Dinoseb	n/a	=	2.18	µg/L	EPA 515.3	0.05	0.4			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	Dinoseb	n/a	=	109	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Diphenamid	n/a	=	4.55	µg/L	EPA 525.2	0.02	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Diphenamid	n/a	=	4.37	µg/L	EPA 525.2	0.02	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Diphenamid	n/a	=	87	%	EPA 525.2	-88	-88	86	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Diphenamid	n/a	=	91	%	EPA 525.2	-88	-88	86	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Diphenamid	n/a	=	4	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Diphenamid	n/a	=	4.38	µg/L	EPA 525.2	0.02	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Diphenamid	n/a	=	88	%	EPA 525.2	-88	-88	82	144	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Disulfoton	n/a	=	0.0534	µg/L	EPA 525.2	0.01	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Disulfoton	n/a	=	0.0665	µg/L	EPA 525.2	0.01	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Disulfoton	n/a	=	133	%	EPA 525.2	-88	-88	56	269	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Disulfoton	n/a	=	107	%	EPA 525.2	-88	-88	56	269	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Disulfoton	n/a	=	22	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	Endosulfan I	n/a	=	0.0871	µg/L	EPA 608	0.0017	0.02			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	Endosulfan I	n/a	=	0.0808	µg/L	EPA 608	0.0017	0.02			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	Endosulfan I	n/a	=	81	%	EPA 608	-88	-88	45	153	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	Endosulfan I	n/a	=	87	%	EPA 608	-88	-88	45	153	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	Endosulfan I	n/a	=	7	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	Endosulfan I	n/a	=	0.525	µg/L	EPA 608	0.0085	0.1			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	Endosulfan I	n/a	=	105	%	EPA 608	-88	-88	45	153	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Endosulfan I	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.1			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	Endosulfan II	n/a	=	0.082	µg/L	EPA 608	0.0019	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	Endosulfan II	n/a	=	0.075	µg/L	EPA 608	0.0019	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	Endosulfan II	n/a	=	75	%	EPA 608	-88	-88	2	202	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	Endosulfan II	n/a	=	82	%	EPA 608	-88	-88	2	202	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	Endosulfan II	n/a	=	9	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	Endosulfan II	n/a	=	0.558	µg/L	EPA 608	0.0095	0.05			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	Endosulfan II	n/a	=	112	%	EPA 608	-88	-88	2	202	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	Endosulfan sulfate	n/a	=	0.135	µg/L	EPA 608	0.008	0.05			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	Endosulfan sulfate	n/a	=	0.143	µg/L	EPA 608	0.008	0.05			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	Endosulfan sulfate	n/a	=	143	%	EPA 608	-88	-88	26	144	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	Endosulfan sulfate	n/a	=	135	%	EPA 608	-88	-88	26	144	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	Endosulfan sulfate	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	Endosulfan sulfate	n/a	=	0.553	µg/L	EPA 608	0.04	0.25			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	Endosulfan sulfate	n/a	=	111	%	EPA 608	-88	-88	26	144	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Endosulfan sulfate	n/a	<	0.04	µg/L	EPA 608	0.04	0.25			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	Endrin	n/a	=	0.1	µg/L	EPA 608	0.0028	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	Endrin	n/a	=	0.0914	µg/L	EPA 608	0.0028	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	Endrin	n/a	=	91	%	EPA 608	-88	-88	30	147	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	Endrin	n/a	=	100	%	EPA 608	-88	-88	30	147	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	Endrin	n/a	=	9	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	Endrin	n/a	=	0.487	µg/L	EPA 608	0.014	0.05			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	Endrin	n/a	=	97	%	EPA 608	-88	-88	30	147	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Endrin	n/a	<	0.014	µg/L	EPA 608	0.014	0.05			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	Endrin aldehyde	n/a	=	0.0883	µg/L	EPA 608	0.003	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	Endrin aldehyde	n/a	=	0.094	µg/L	EPA 608	0.003	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	Endrin aldehyde	n/a	=	94	%	EPA 608	-88	-88	30	180	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	Endrin aldehyde	n/a	=	88	%	EPA 608	-88	-88	30	180	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	Endrin aldehyde	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	Endrin aldehyde	n/a	=	0.65	µg/L	EPA 608	0.015	0.05			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	Endrin aldehyde	n/a	=	130	%	EPA 608	-88	-88	41	203	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Endrin aldehyde	n/a	<	0.015	µg/L	EPA 608	0.015	0.05			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	EPTC	n/a	=	4.76	µg/L	EPA 525.2	0.23	1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	EPTC	n/a	=	4.98	µg/L	EPA 525.2	0.23	1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	EPTC	n/a	=	100	%	EPA 525.2	-88	-88	67	119	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	EPTC	n/a	=	95	%	EPA 525.2	-88	-88	67	119	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	EPTC	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	EPTC	n/a	=	4.45	µg/L	EPA 525.2	0.23	1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	EPTC	n/a	=	89	%	EPA 525.2	-88	-88	75	110	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Ethoprop	n/a	=	0.0599	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Ethoprop	n/a	=	0.0632	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Ethoprop	n/a	=	126	%	EPA 525.2	-88	-88	70	155	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Ethoprop	n/a	=	120	%	EPA 525.2	-88	-88	70	155	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Ethoprop	n/a	=	5	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Ethyl parathion	n/a	=	0.055	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Ethyl parathion	n/a	=	0.0622	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Ethyl parathion	n/a	=	124	%	EPA 525.2	-88	-88	70	242	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Ethyl parathion	n/a	=	110	%	EPA 525.2	-88	-88	70	242	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Ethyl parathion	n/a	=	12	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Fensulfothion	n/a	=	0.0639	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Fensulfothion	n/a	=	0.0631	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Fensulfothion	n/a	=	126	%	EPA 525.2	-88	-88	70	169	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Fensulfothion	n/a	=	128	%	EPA 525.2	-88	-88	70	169	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Fensulfothion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Fenthion	n/a	=	0.0651	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Fenthion	n/a	=	0.0531	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Fenthion	n/a	=	106	%	EPA 525.2	-88	-88	70	163	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Fenthion	n/a	=	130	%	EPA 525.2	-88	-88	70	163	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Fenthion	n/a	=	20	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	0.094	µg/L	EPA 608	0.0021	0.02			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0884	µg/L	EPA 608	0.0021	0.02			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	88	%	EPA 608	-88	-88	32	127	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	94	%	EPA 608	-88	-88	32	127	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	0.511	µg/L	EPA 608	0.01	0.1			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	102	%	EPA 608	-88	-88	32	127	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	gamma-BHC (Lindane)	n/a	<	0.01	µg/L	EPA 608	0.01	0.1			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	gamma-Chlordane	n/a	=	0.0846	µg/L	EPA 608	0.01	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	gamma-Chlordane	n/a	=	0.0784	µg/L	EPA 608	0.01	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	gamma-Chlordane	n/a	=	78	%	EPA 608	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	gamma-Chlordane	n/a	=	85	%	EPA 608	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	gamma-Chlordane	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	gamma-Chlordane	n/a	=	0.555	µg/L	EPA 608	0.05	0.05			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	gamma-Chlordane	n/a	=	111	%	EPA 608	-88	-88	70	130	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	gamma-Chlordane	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-2	000NONPJ	matrix spike	12/14/2009	Pesticide	Glyphosate	n/a	=	48.5	µg/L	EPA 547	1.8	5			X
2009/10-2	000NONPJ	matrix spike dup	12/14/2009	Pesticide	Glyphosate	n/a	=	51.7	µg/L	EPA 547	1.8	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/14/2009	Pesticide	Glyphosate	n/a	=	125	%	EPA 547	-88	-88	68	134	X
2009/10-2	000NONPJ	matrix spike, rec	12/14/2009	Pesticide	Glyphosate	n/a	=	113	%	EPA 547	-88	-88	68	134	X
2009/10-2	000NONPJ	matrix spike, RPD	12/14/2009	Pesticide	Glyphosate	n/a	=	6	%	EPA 547	-88	-88	0	30	X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Glyphosate	n/a	=	27.5	µg/L	EPA 547	1.8	5			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Glyphosate	n/a	=	26.5	µg/L	EPA 547	1.8	5			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Glyphosate	n/a	=	106	%	EPA 547	-88	-88	68	134	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Glyphosate	n/a	=	110	%	EPA 547	-88	-88	68	134	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Glyphosate	n/a	=	4	%	EPA 547	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/14/2009	Pesticide	Glyphosate	n/a	=	26.4	µg/L	EPA 547	1.8	5			X
2009/10-2	Lab	LCS, rec	12/14/2009	Pesticide	Glyphosate	n/a	=	106	%	EPA 547	-88	-88	71	137	X
2009/10-2	Lab	method blank	12/14/2009	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Glyphosate	n/a	=	30	µg/L	EPA 547	1.8	5			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Glyphosate	n/a	=	120	%	EPA 547	-88	-88	71	137	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	Heptachlor	n/a	=	0.0894	µg/L	EPA 608	0.0017	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	Heptachlor	n/a	=	0.0808	µg/L	EPA 608	0.0017	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	Heptachlor	n/a	=	81	%	EPA 608	-88	-88	34	111	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	Heptachlor	n/a	=	89	%	EPA 608	-88	-88	34	111	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	Heptachlor	n/a	=	10	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	Heptachlor	n/a	=	0.485	µg/L	EPA 608	0.0085	0.05			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	Heptachlor	n/a	=	97	%	EPA 608	-88	-88	34	111	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Heptachlor	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.05			X
2009/10-2	000NONPJ	matrix spike	12/17/2009	Pesticide	Heptachlor epoxide	n/a	=	0.0876	µg/L	EPA 608	0.0019	0.01			X
2009/10-2	000NONPJ	matrix spike dup	12/17/2009	Pesticide	Heptachlor epoxide	n/a	=	0.0808	µg/L	EPA 608	0.0019	0.01			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/17/2009	Pesticide	Heptachlor epoxide	n/a	=	81	%	EPA 608	-88	-88	37	142	X
2009/10-2	000NONPJ	matrix spike, rec	12/17/2009	Pesticide	Heptachlor epoxide	n/a	=	88	%	EPA 608	-88	-88	37	142	X
2009/10-2	000NONPJ	matrix spike, RPD	12/17/2009	Pesticide	Heptachlor epoxide	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/17/2009	Pesticide	Heptachlor epoxide	n/a	=	0.554	µg/L	EPA 608	0.0095	0.05			X
2009/10-2	Lab	LCS, rec	12/17/2009	Pesticide	Heptachlor epoxide	n/a	=	111	%	EPA 608	-88	-88	37	142	X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Heptachlor epoxide	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Malathion	n/a	=	0.0597	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Malathion	n/a	=	0.0803	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Malathion	n/a	=	161	%	EPA 525.2	-88	-88	70	208	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Malathion	n/a	=	119	%	EPA 525.2	-88	-88	70	208	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Malathion	n/a	=	30	%	EPA 525.2	-88	-88	0	25	IL
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Merphos	n/a	=	0.0611	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Merphos	n/a	=	0.0681	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Merphos	n/a	=	136	%	EPA 525.2	-88	-88	70	161	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Merphos	n/a	=	122	%	EPA 525.2	-88	-88	70	161	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Merphos	n/a	=	11	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Methoxychlor	n/a	<	0.027	µg/L	EPA 608	0.027	0.1			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Methyl parathion	n/a	=	0.0916	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Methyl parathion	n/a	=	0.0928	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Methyl parathion	n/a	=	186	%	EPA 525.2	-88	-88	70	229	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Methyl parathion	n/a	=	183	%	EPA 525.2	-88	-88	70	229	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Methyl parathion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Metolachlor	n/a	=	4.65	µg/L	EPA 525.2	0.056	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Metolachlor	n/a	=	4.8	µg/L	EPA 525.2	0.056	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Metolachlor	n/a	=	96	%	EPA 525.2	-88	-88	53	178	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Metolachlor	n/a	=	93	%	EPA 525.2	-88	-88	53	178	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Metolachlor	n/a	=	3.97	µg/L	EPA 525.2	0.056	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Metolachlor	n/a	=	79	%	EPA 525.2	-88	-88	55	170	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Metribuzin	n/a	=	3.85	µg/L	EPA 525.2	0.074	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Metribuzin	n/a	=	4.39	µg/L	EPA 525.2	0.074	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Metribuzin	n/a	=	88	%	EPA 525.2	-88	-88	64	155	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Metribuzin	n/a	=	77	%	EPA 525.2	-88	-88	64	155	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Metribuzin	n/a	=	13	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Metribuzin	n/a	=	4.43	µg/L	EPA 525.2	0.074	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Metribuzin	n/a	=	89	%	EPA 525.2	-88	-88	44	149	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Mevinphos	n/a	=	0.0654	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Mevinphos	n/a	=	0.068	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Mevinphos	n/a	=	136	%	EPA 525.2	-88	-88	70	148	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Mevinphos	n/a	=	131	%	EPA 525.2	-88	-88	70	148	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Mevinphos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Mirex	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Molinate	n/a	=	4.89	µg/L	EPA 525.2	0.051	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Molinate	n/a	=	5.12	µg/L	EPA 525.2	0.051	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Molinate	n/a	=	102	%	EPA 525.2	-88	-88	68	125	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	68	125	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Molinate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Molinate	n/a	=	4.31	µg/L	EPA 525.2	0.051	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Molinate	n/a	=	86	%	EPA 525.2	-88	-88	76	116	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Naled	n/a	=	0.0812	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Naled	n/a	=	0.0842	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Naled	n/a	=	168	%	EPA 525.2	-88	-88	70	299	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Naled	n/a	=	162	%	EPA 525.2	-88	-88	70	299	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Naled	n/a	=	4	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	Pentachlorophenol	n/a	=	2.28	µg/L	EPA 515.3	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	Pentachlorophenol	n/a	=	2.36	µg/L	EPA 515.3	0.02	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	Pentachlorophenol	n/a	=	118	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	Pentachlorophenol	n/a	=	114	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	Pentachlorophenol	n/a	=	4	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	Pentachlorophenol	n/a	=	2.41	µg/L	EPA 515.3	0.02	0.2			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	Pentachlorophenol	n/a	=	120	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Phorate	n/a	=	0.0619	µg/L	EPA 525.2	0.003	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Phorate	n/a	=	0.0563	µg/L	EPA 525.2	0.003	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Phorate	n/a	=	113	%	EPA 525.2	-88	-88	70	243	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Phorate	n/a	=	124	%	EPA 525.2	-88	-88	70	243	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Phorate	n/a	=	9	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			X
2009/10-2	000NONPJ	matrix spike	12/22/2009	Pesticide	Picloram	n/a	=	2.05	µg/L	EPA 515.3	0.34	0.6			X
2009/10-2	000NONPJ	matrix spike dup	12/22/2009	Pesticide	Picloram	n/a	=	2.13	µg/L	EPA 515.3	0.34	0.6			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/22/2009	Pesticide	Picloram	n/a	=	107	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, rec	12/22/2009	Pesticide	Picloram	n/a	=	102	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike, RPD	12/22/2009	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	X
2009/10-2	Lab	method blank	12/11/2009	Pesticide	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6			X
2009/10-2	Lab	LCS	12/22/2009	Pesticide	Picloram	n/a	=	2.17	µg/L	EPA 515.3	0.34	0.6			X
2009/10-2	Lab	LCS, rec	12/22/2009	Pesticide	Picloram	n/a	=	109	%	EPA 515.3	-88	-88	70	130	X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Prometon	n/a	=	3.88	µg/L	EPA 525.2	0.16	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Prometon	n/a	=	4.17	µg/L	EPA 525.2	0.16	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Prometon	n/a	=	83	%	EPA 525.2	-88	-88	5	148	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Prometon	n/a	=	78	%	EPA 525.2	-88	-88	5	148	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Prometon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Prometon	n/a	=	2.16	µg/L	EPA 525.2	0.16	0.2			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Prometon	n/a	=	43	%	EPA 525.2	-88	-88	6	110	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Prometryn	n/a	=	4.42	µg/L	EPA 525.2	0.074	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Prometryn	n/a	=	4.53	µg/L	EPA 525.2	0.074	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Prometryn	n/a	=	91	%	EPA 525.2	-88	-88	44	169	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Prometryn	n/a	=	88	%	EPA 525.2	-88	-88	44	169	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Prometryn	n/a	=	2	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Prometryn	n/a	=	3.76	µg/L	EPA 525.2	0.074	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Prometryn	n/a	=	75	%	EPA 525.2	-88	-88	34	152	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0767	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0587	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	117	%	EPA 525.2	-88	-88	70	145	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	153	%	EPA 525.2	-88	-88	70	145	EUM
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	27	%	EPA 525.2	-88	-88	0	25	IL
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Simazine	n/a	=	3.55	µg/L	EPA 525.2	0.083	0.1			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Simazine	n/a	=	3.81	µg/L	EPA 525.2	0.083	0.1			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Simazine	n/a	=	76	%	EPA 525.2	-88	-88	53	152	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Simazine	n/a	=	71	%	EPA 525.2	-88	-88	53	152	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Simazine	n/a	=	7	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Simazine	n/a	=	3.6	µg/L	EPA 525.2	0.083	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Simazine	n/a	=	72	%	EPA 525.2	-88	-88	54	156	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0903	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0924	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	185	%	EPA 525.2	-88	-88	70	278	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	181	%	EPA 525.2	-88	-88	70	278	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Terbacil	n/a	=	5.55	µg/L	EPA 525.2	0.55	2			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Terbacil	n/a	=	5.4	µg/L	EPA 525.2	0.55	2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Terbacil	n/a	=	108	%	EPA 525.2	-88	-88	56	159	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Terbacil	n/a	=	111	%	EPA 525.2	-88	-88	56	159	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Terbacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Terbacil	n/a	=	5.24	µg/L	EPA 525.2	0.55	2			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Terbacil	n/a	=	105	%	EPA 525.2	-88	-88	66	140	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Thiobencarb	n/a	=	3.56	µg/L	EPA 525.2	0.11	0.2			X
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Thiobencarb	n/a	=	3.61	µg/L	EPA 525.2	0.11	0.2			X
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Thiobencarb	n/a	=	72	%	EPA 525.2	-88	-88	71	160	X
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Thiobencarb	n/a	=	71	%	EPA 525.2	-88	-88	71	160	X
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Thiobencarb	n/a	=	1	%	EPA 525.2	-88	-88	0	30	X
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Thiobencarb	n/a	=	3.14	µg/L	EPA 525.2	0.11	0.2			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Thiobencarb	n/a	=	63	%	EPA 525.2	-88	-88	57	162	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Tokuthion	n/a	=	0.0606	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Tokuthion	n/a	=	0.0645	µg/L	EPA 525.2	0.0078	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Tokuthion	n/a	=	129	%	EPA 525.2	-88	-88	70	122	EUM
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Tokuthion	n/a	=	121	%	EPA 525.2	-88	-88	70	122	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Tokuthion	n/a	=	6	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-2	Lab	method blank	12/17/2009	Pesticide	Toxaphene	n/a	<	0.6	µg/L	EPA 608	0.6	2.5			X
2009/10-2	Lab	LCS	12/27/2009	Pesticide	Trichloronate	n/a	=	0.0486	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-2	Lab	LCS dup	12/27/2009	Pesticide	Trichloronate	n/a	=	0.0595	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-2	Lab	LCS dup, rec	12/27/2009	Pesticide	Trichloronate	n/a	=	119	%	EPA 525.2	-88	-88	70	122	X
2009/10-2	Lab	LCS, rec	12/27/2009	Pesticide	Trichloronate	n/a	=	97	%	EPA 525.2	-88	-88	70	122	X
2009/10-2	Lab	LCS, RPD	12/27/2009	Pesticide	Trichloronate	n/a	=	20	%	EPA 525.2	-88	-88	0	25	X
2009/10-2	Lab	method blank	12/27/2009	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-2	000NONPJ	matrix spike	12/15/2009	Pesticide	Trithion	n/a	=	3.52	µg/L	EPA 525.2	0.01	0.1			M
2009/10-2	000NONPJ	matrix spike dup	12/15/2009	Pesticide	Trithion	n/a	=	3.59	µg/L	EPA 525.2	0.01	0.1			M
2009/10-2	000NONPJ	matrix spike dup, rec	12/15/2009	Pesticide	Trithion	n/a	=	72	%	EPA 525.2	-88	-88	86	144	M,GB
2009/10-2	000NONPJ	matrix spike, rec	12/15/2009	Pesticide	Trithion	n/a	=	70	%	EPA 525.2	-88	-88	86	144	M,GB
2009/10-2	000NONPJ	matrix spike, RPD	12/15/2009	Pesticide	Trithion	n/a	=	2	%	EPA 525.2	-88	-88	0	30	M
2009/10-2	Lab	LCS	12/15/2009	Pesticide	Trithion	n/a	=	4.54	µg/L	EPA 525.2	0.01	0.1			X
2009/10-2	Lab	LCS, rec	12/15/2009	Pesticide	Trithion	n/a	=	91	%	EPA 525.2	-88	-88	62	149	X
2009/10-2	Lab	method blank	12/15/2009	Pesticide	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	000NONPJ	matrix spike	2/12/2010	Anion	Chloride	n/a	=	108	mg/L	EPA 300.0	0.79	5			X
2009/10-3	000NONPJ	matrix spike	2/12/2010	Anion	Chloride	n/a	=	178	mg/L	EPA 300.0	0.79	5			X
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Anion	Chloride	n/a	=	107	mg/L	EPA 300.0	0.79	5			X
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Anion	Chloride	n/a	=	181	mg/L	EPA 300.0	0.79	5			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Anion	Chloride	n/a	=	85	%	EPA 300.0	-88	-88	72	118	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Anion	Chloride	n/a	=	110	%	EPA 300.0	-88	-88	72	118	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Anion	Chloride	n/a	=	103	%	EPA 300.0	-88	-88	72	118	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Anion	Chloride	n/a	=	89	%	EPA 300.0	-88	-88	72	118	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Anion	Chloride	n/a	=	1	%	EPA 300.0	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/12/2010	Anion	Chloride	n/a	=	3.81	mg/L	EPA 300.0	0.079	0.5			X
2009/10-3	Lab	LCS, rec	2/12/2010	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/12/2010	Anion	Chloride	n/a	<	0.079	mg/L	EPA 300.0	0.079	0.5			X
2009/10-3	Lab	LCS	2/17/2010	Anion	Chloride	n/a	=	3.75	mg/L	EPA 300.0	0.079	0.5			X
2009/10-3	Lab	LCS, rec	2/17/2010	Anion	Chloride	n/a	=	94	%	EPA 300.0	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/17/2010	Anion	Chloride	n/a	DNQ	0.15	mg/L	EPA 300.0	0.079	0.5			X
2009/10-3	MO-CAM	matrix spike	2/17/2010	Anion	Chloride	n/a	=	44.5	mg/L	EPA 300.0	0.079	0.5			X
2009/10-3	MO-CAM	matrix spike dup	2/17/2010	Anion	Chloride	n/a	=	44.7	mg/L	EPA 300.0	0.079	0.5			X
2009/10-3	MO-CAM	matrix spike dup, rec	2/17/2010	Anion	Chloride	n/a	=	70	%	EPA 300.0	-88	-88	72	118	GB
2009/10-3	MO-CAM	matrix spike, rec	2/17/2010	Anion	Chloride	n/a	=	64	%	EPA 300.0	-88	-88	72	118	GB
2009/10-3	MO-CAM	matrix spike, RPD	2/17/2010	Anion	Chloride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	X
2009/10-3	MO-VEN	matrix spike	2/17/2010	Anion	Chloride	n/a	=	12.3	mg/L	EPA 300.0	0.079	0.5			X
2009/10-3	MO-VEN	matrix spike dup	2/17/2010	Anion	Chloride	n/a	=	12	mg/L	EPA 300.0	0.079	0.5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/17/2010	Anion	Chloride	n/a	=	108	%	EPA 300.0	-88	-88	72	118	X
2009/10-3	MO-VEN	matrix spike, rec	2/17/2010	Anion	Chloride	n/a	=	114	%	EPA 300.0	-88	-88	72	118	X
2009/10-3	MO-VEN	matrix spike, RPD	2/17/2010	Anion	Chloride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike	2/12/2010	Anion	Fluoride	n/a	=	20	mg/L	EPA 300.0	0.13	1			X
2009/10-3	000NONPJ	matrix spike	2/12/2010	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.13	1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Anion	Fluoride	n/a	=	20.3	mg/L	EPA 300.0	0.13	1			X
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Anion	Fluoride	n/a	=	20.4	mg/L	EPA 300.0	0.13	1			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	79	109	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Anion	Fluoride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Anion	Fluoride	n/a	=	2	%	EPA 300.0	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/12/2010	Anion	Fluoride	n/a	=	2.01	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3	Lab	LCS, rec	2/12/2010	Anion	Fluoride	n/a	=	101	%	EPA 300.0	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/12/2010	Anion	Fluoride	n/a	<	0.013	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3	Lab	LCS	2/17/2010	Anion	Fluoride	n/a	=	1.84	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3	Lab	LCS, rec	2/17/2010	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/17/2010	Anion	Fluoride	n/a	<	0.013	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3	MO-CAM	matrix spike	2/17/2010	Anion	Fluoride	n/a	=	1.84	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3	MO-CAM	matrix spike dup	2/17/2010	Anion	Fluoride	n/a	=	1.85	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3	MO-CAM	matrix spike dup, rec	2/17/2010	Anion	Fluoride	n/a	=	90	%	EPA 300.0	-88	-88	79	109	X
2009/10-3	MO-CAM	matrix spike, rec	2/17/2010	Anion	Fluoride	n/a	=	89	%	EPA 300.0	-88	-88	79	109	X
2009/10-3	MO-CAM	matrix spike, RPD	2/17/2010	Anion	Fluoride	n/a	=	0.8	%	EPA 300.0	-88	-88	0	20	X
2009/10-3	MO-VEN	matrix spike	2/17/2010	Anion	Fluoride	n/a	=	1.87	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/17/2010	Anion	Fluoride	n/a	=	1.88	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/17/2010	Anion	Fluoride	n/a	=	90	%	EPA 300.0	-88	-88	79	109	X
2009/10-3	MO-VEN	matrix spike, rec	2/17/2010	Anion	Fluoride	n/a	=	90	%	EPA 300.0	-88	-88	79	109	X
2009/10-3	MO-VEN	matrix spike, RPD	2/17/2010	Anion	Fluoride	n/a	=	0.3	%	EPA 300.0	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike	2/10/2010	Anion	Perchlorate	n/a	=	10.9	µg/L	EPA 314.0	0.82	2			X
2009/10-3	000NONPJ	matrix spike dup	2/10/2010	Anion	Perchlorate	n/a	=	11.1	µg/L	EPA 314.0	0.82	2			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/10/2010	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	80	120	X
2009/10-3	000NONPJ	matrix spike, rec	2/10/2010	Anion	Perchlorate	n/a	=	92	%	EPA 314.0	-88	-88	80	120	X
2009/10-3	000NONPJ	matrix spike, RPD	2/10/2010	Anion	Perchlorate	n/a	=	1	%	EPA 314.0	-88	-88	0	15	X
2009/10-3	Lab	LCS	2/10/2010	Anion	Perchlorate	n/a	=	9.3	µg/L	EPA 314.0	0.82	2			X
2009/10-3	Lab	LCS, rec	2/10/2010	Anion	Perchlorate	n/a	=	93	%	EPA 314.0	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/10/2010	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-3	MO-OJA	field duplicate	2/6/2010	Bacteriological	E. Coli	n/a	=	3076	MPN/100 mL	MMO-MUG	10	10	-88	-88	D
2009/10-3	MO-OJA	field duplicate	2/9/2010	Bacteriological	Fecal Coliform	n/a	=	2400	MPN/100 mL	SM 9221 E	2	2	-88	-88	X
2009/10-3	MO-OJA	field duplicate	2/6/2010	Bacteriological	Total Coliform	n/a	=	72700	MPN/100 mL	MMO-MUG	100	100	-88	-88	D
2009/10-3	000NONPJ	matrix spike	2/12/2010	Cation	Calcium	Total	=	61.7	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3	000NONPJ	matrix spike	2/12/2010	Cation	Calcium	Total	=	76.6	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Cation	Calcium	Total	=	77.5	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Cation	Calcium	Total	=	61.6	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Cation	Calcium	Total	=	96	%	EPA 200.7	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Cation	Calcium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/12/2010	Cation	Calcium	Total	=	46.9	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3	Lab	LCS, rec	2/12/2010	Cation	Calcium	Total	=	93	%	EPA 200.7	-88	-88	85	115	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	method blank	2/12/2010	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3	000NONPJ	matrix spike	2/12/2010	Cation	Magnesium	Total	=	52.6	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3	000NONPJ	matrix spike	2/12/2010	Cation	Magnesium	Total	=	56.9	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Cation	Magnesium	Total	=	52.4	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Cation	Magnesium	Total	=	57.7	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Cation	Magnesium	Total	=	97	%	EPA 200.7	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Cation	Magnesium	Total	=	0.2	%	EPA 200.7	-88	-88	0	30	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/12/2010	Cation	Magnesium	Total	=	47.7	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3	Lab	LCS, rec	2/12/2010	Cation	Magnesium	Total	=	95	%	EPA 200.7	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/12/2010	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3	000NONPJ	lab duplicate	2/9/2010	Conventional	Alkalinity as CaCO3	n/a	=	360	mg/L	SM 2320 B	1.2	2		15	X
2009/10-3	000NONPJ	lab duplicate	2/11/2010	Conventional	Alkalinity as CaCO3	n/a	=	202	mg/L	SM 2320 B	1.2	2		15	X
2009/10-3	000NONPJ	lab duplicate	2/16/2010	Conventional	Alkalinity as CaCO3	n/a	=	43.2	mg/L	SM 2320 B	1.2	2		15	X
2009/10-3	Lab	LCS	2/9/2010	Conventional	Alkalinity as CaCO3	n/a	=	251	mg/L	SM 2320 B	1.2	2			X
2009/10-3	Lab	LCS, rec	2/9/2010	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	X
2009/10-3	Lab	method blank	2/9/2010	Conventional	Alkalinity as CaCO3	n/a	=	2.77	mg/L	SM 2320 B	1.2	2			IP
2009/10-3	Lab	LCS	2/11/2010	Conventional	Alkalinity as CaCO3	n/a	=	250	mg/L	SM 2320 B	1.2	2			X
2009/10-3	Lab	LCS, rec	2/11/2010	Conventional	Alkalinity as CaCO3	n/a	=	100	%	SM 2320 B	-88	-88	94	108	X
2009/10-3	Lab	method blank	2/11/2010	Conventional	Alkalinity as CaCO3	n/a	=	5.03	mg/L	SM 2320 B	1.2	2			IP
2009/10-3	Lab	LCS	2/16/2010	Conventional	Alkalinity as CaCO3	n/a	=	252	mg/L	SM 2320 B	1.2	2			X
2009/10-3	Lab	LCS, rec	2/16/2010	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	X
2009/10-3	Lab	method blank	2/16/2010	Conventional	Alkalinity as CaCO3	n/a	<	1.2	mg/L	SM 2320 B	1.2	2			X
2009/10-3	Lab	LCS	2/16/2010	Conventional	BOD	n/a	=	190	mg/L	SM 5210 B	0.1	2			X
2009/10-3	Lab	LCS, rec	2/16/2010	Conventional	BOD	n/a	=	96	%	SM 5210 B	-88	-88	85	115	X
2009/10-3	000NONPJ	matrix spike	2/11/2010	Conventional	COD	n/a	=	231	mg/L	EPA 410.4	3.7	10			D
2009/10-3	000NONPJ	matrix spike	2/11/2010	Conventional	COD	n/a	=	196	mg/L	EPA 410.4	3.7	10			D
2009/10-3	000NONPJ	matrix spike dup	2/11/2010	Conventional	COD	n/a	=	196	mg/L	EPA 410.4	3.7	10			D
2009/10-3	000NONPJ	matrix spike dup	2/11/2010	Conventional	COD	n/a	=	233	mg/L	EPA 410.4	3.7	10			D
2009/10-3	000NONPJ	matrix spike dup, rec	2/11/2010	Conventional	COD	n/a	=	99	%	EPA 410.4	-88	-88	90	110	D
2009/10-3	000NONPJ	matrix spike dup, rec	2/11/2010	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	D
2009/10-3	000NONPJ	matrix spike, rec	2/11/2010	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	D
2009/10-3	000NONPJ	matrix spike, rec	2/11/2010	Conventional	COD	n/a	=	98	%	EPA 410.4	-88	-88	90	110	D
2009/10-3	000NONPJ	matrix spike, RPD	2/11/2010	Conventional	COD	n/a	=	0.04	%	EPA 410.4	-88	-88	0	15	D
2009/10-3	000NONPJ	matrix spike, RPD	2/11/2010	Conventional	COD	n/a	=	1	%	EPA 410.4	-88	-88	0	15	D
2009/10-3	Lab	LCS	2/11/2010	Conventional	COD	n/a	=	97	mg/L	EPA 410.4	1.8	5			X
2009/10-3	Lab	LCS, rec	2/11/2010	Conventional	COD	n/a	=	97	%	EPA 410.4	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/11/2010	Conventional	COD	n/a	<	1.8	mg/L	EPA 410.4	1.8	5			X
2009/10-3	000NONPJ	matrix spike	2/17/2010	Conventional	Cyanide	Total	=	0.177	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3	000NONPJ	matrix spike	2/17/2010	Conventional	Cyanide	Total	=	0.185	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3	000NONPJ	matrix spike dup	2/17/2010	Conventional	Cyanide	Total	=	0.152	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3	000NONPJ	matrix spike dup	2/17/2010	Conventional	Cyanide	Total	=	0.192	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/17/2010	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/17/2010	Conventional	Cyanide	Total	=	76	%	EPA 335.4	-88	-88	90	110	GB

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	000NONPJ	matrix spike, rec	2/17/2010	Conventional	Cyanide	Total	=	88	%	EPA 335.4	-88	-88	90	110	GB
2009/10-3	000NONPJ	matrix spike, rec	2/17/2010	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, RPD	2/17/2010	Conventional	Cyanide	Total	=	15	%	EPA 335.4	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike, RPD	2/17/2010	Conventional	Cyanide	Total	=	4	%	EPA 335.4	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/17/2010	Conventional	Cyanide	Total	=	0.0496	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3	Lab	LCS, rec	2/17/2010	Conventional	Cyanide	Total	=	99	%	EPA 335.4	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/17/2010	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3	MO-OJA	field duplicate	2/17/2010	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3	000NONPJ	matrix spike	2/18/2010	Conventional	MBAS	n/a	=	0.212	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3	000NONPJ	matrix spike dup	2/18/2010	Conventional	MBAS	n/a	=	0.193	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/18/2010	Conventional	MBAS	n/a	=	96	%	SM 5540 C	-88	-88	77	118	X
2009/10-3	000NONPJ	matrix spike, rec	2/18/2010	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	77	118	X
2009/10-3	000NONPJ	matrix spike, RPD	2/18/2010	Conventional	MBAS	n/a	=	9	%	SM 5540 C	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/8/2010	Conventional	MBAS	n/a	=	0.195	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3	Lab	LCS, rec	2/8/2010	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	79	113	X
2009/10-3	Lab	method blank	2/8/2010	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Conventional	MBAS	n/a	=	0	%	SM 5540 C	-88	-88	77	118	GB
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Conventional	MBAS	n/a	=	0	%	SM 5540 C	-88	-88	77	118	GB
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Conventional	MBAS	n/a	=	0	%	SM 5540 C	-88	-88	0	20	X
2009/10-3	000NONPJ	lab duplicate	2/6/2010	Conventional	pH	n/a	=	7.85	pH Units	SM 4500-H+ B	0.1	0.1		3.24	X
2009/10-3	Lab	CRM	2/6/2010	Conventional	pH	n/a	=	6.85	pH Units	SM 4500-H+ B	0.1	0.1			X
2009/10-3	Lab	CRM, rec	2/6/2010	Conventional	pH	n/a	=	100	%	SM 4500-H+ B	-88	-88	96.7	102	X
2009/10-3	MO-OJA	field duplicate	2/6/2010	Conventional	pH	n/a	=	7.59	pH Units	SM 4500-H+ B	0.1	0.1			BV
2009/10-3	000NONPJ	matrix spike	2/17/2010	Conventional	Phenolics	n/a	=	0.128	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3	000NONPJ	matrix spike dup	2/17/2010	Conventional	Phenolics	n/a	=	0.122	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/17/2010	Conventional	Phenolics	n/a	=	73	%	EPA 420.4	-88	-88	90	110	GB
2009/10-3	000NONPJ	matrix spike, rec	2/17/2010	Conventional	Phenolics	n/a	=	79	%	EPA 420.4	-88	-88	90	110	GB
2009/10-3	000NONPJ	matrix spike, RPD	2/17/2010	Conventional	Phenolics	n/a	=	5	%	EPA 420.4	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/17/2010	Conventional	Phenolics	n/a	=	0.0945	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3	Lab	LCS, rec	2/17/2010	Conventional	Phenolics	n/a	=	94	%	EPA 420.4	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/17/2010	Conventional	Phenolics	n/a	<	0.0016	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3	Lab	LCS	2/19/2010	Conventional	Phenolics	n/a	=	0.102	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3	Lab	LCS, rec	2/19/2010	Conventional	Phenolics	n/a	=	102	%	EPA 420.4	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/19/2010	Conventional	Phenolics	n/a	<	0.0016	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3	ME-VR2	matrix spike	2/19/2010	Conventional	Phenolics	n/a	=	0.102	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3	ME-VR2	matrix spike dup	2/19/2010	Conventional	Phenolics	n/a	=	0.102	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/19/2010	Conventional	Phenolics	n/a	=	71	%	EPA 420.4	-88	-88	90	110	GB
2009/10-3	ME-VR2	matrix spike, rec	2/19/2010	Conventional	Phenolics	n/a	=	72	%	EPA 420.4	-88	-88	90	110	GB
2009/10-3	ME-VR2	matrix spike, RPD	2/19/2010	Conventional	Phenolics	n/a	=	0.2	%	EPA 420.4	-88	-88	0	20	X
2009/10-3	000NONPJ	lab duplicate	2/9/2010	Conventional	Specific Conductance	n/a	=	11.6	µmhos/cm	SM 2510 B	0.23	2		4.28	X
2009/10-3	000NONPJ	lab duplicate	2/9/2010	Conventional	Specific Conductance	n/a	=	22.8	µmhos/cm	SM 2510 B	0.23	2		4.28	X
2009/10-3	Lab	LCS	2/9/2010	Conventional	Specific Conductance	n/a	=	202	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-3	Lab	LCS	2/9/2010	Conventional	Specific Conductance	n/a	=	202	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-3	Lab	LCS, rec	2/9/2010	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	X
2009/10-3	Lab	LCS, rec	2/9/2010	Conventional	Specific Conductance	n/a	=	101	%	SM 2510 B	-88	-88	95	105	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	method blank	2/9/2010	Conventional	Specific Conductance	n/a	DNQ	0.47	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-3	Lab	method blank	2/9/2010	Conventional	Specific Conductance	n/a	DNQ	0.49	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-3	Lab	LCS	2/9/2010	Conventional	Total Chlorine Residual	n/a	=	0.218	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-3	Lab	LCS, rec	2/9/2010	Conventional	Total Chlorine Residual	n/a	=	109	%	SM 4500-Cl G	-88	-88	82	112	X
2009/10-3	Lab	method blank	2/9/2010	Conventional	Total Chlorine Residual	n/a	<	0.0016	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-3	ME-CC	matrix spike	2/9/2010	Conventional	Total Chlorine Residual	n/a	=	1.64	mg/L	SM 4500-Cl G	0.016	0.5			X
2009/10-3	ME-CC	matrix spike dup	2/9/2010	Conventional	Total Chlorine Residual	n/a	=	1.69	mg/L	SM 4500-Cl G	0.016	0.5			X
2009/10-3	ME-CC	matrix spike dup, rec	2/9/2010	Conventional	Total Chlorine Residual	n/a	=	83	%	SM 4500-Cl G	-88	-88	65	128	X
2009/10-3	ME-CC	matrix spike, rec	2/9/2010	Conventional	Total Chlorine Residual	n/a	=	80	%	SM 4500-Cl G	-88	-88	65	128	X
2009/10-3	ME-CC	matrix spike, RPD	2/9/2010	Conventional	Total Chlorine Residual	n/a	=	3	%	SM 4500-Cl G	-88	-88	0	15	X
2009/10-3	Lab	LCS	2/13/2010	Conventional	Total Dissolved Solids	n/a	=	811	mg/L	SM 2540 C	4	10			X
2009/10-3	Lab	LCS, rec	2/13/2010	Conventional	Total Dissolved Solids	n/a	=	98	%	SM 2540 C	-88	-88	91	104	X
2009/10-3	Lab	method blank	2/13/2010	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			X
2009/10-3	ME-CC	lab duplicate	2/13/2010	Conventional	Total Dissolved Solids	n/a	=	365	mg/L	SM 2540 C	4	10		10	X
2009/10-3	MO-CAM	lab duplicate	2/13/2010	Conventional	Total Dissolved Solids	n/a	=	131	mg/L	SM 2540 C	4	10		10	X
2009/10-3	000NONPJ	matrix spike	2/18/2010	Conventional	Total Organic Carbon	n/a	=	5.27	mg/L	SM 5310 C	0.032	0.3			X
2009/10-3	000NONPJ	matrix spike dup	2/18/2010	Conventional	Total Organic Carbon	n/a	=	5.27	mg/L	SM 5310 C	0.032	0.3			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/18/2010	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 C	-88	-88	84	107	X
2009/10-3	000NONPJ	matrix spike, rec	2/18/2010	Conventional	Total Organic Carbon	n/a	=	89	%	SM 5310 C	-88	-88	84	107	X
2009/10-3	000NONPJ	matrix spike, RPD	2/18/2010	Conventional	Total Organic Carbon	n/a	=	0.02	%	SM 5310 C	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/18/2010	Conventional	Total Organic Carbon	n/a	=	4.6	mg/L	SM 5310 C	0.032	0.3			X
2009/10-3	Lab	LCS, rec	2/18/2010	Conventional	Total Organic Carbon	n/a	=	92	%	SM 5310 C	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/18/2010	Conventional	Total Organic Carbon	n/a	DNQ	0.0687	mg/L	SM 5310 C	0.032	0.3			X
2009/10-3	Lab	method blank	2/13/2010	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			X
2009/10-3	ME-CC	lab duplicate	2/13/2010	Conventional	Total Suspended Solids	n/a	=	992	mg/L	SM 2540 D	5	5		20	X
2009/10-3	MO-CAM	lab duplicate	2/13/2010	Conventional	Total Suspended Solids	n/a	=	78	mg/L	SM 2540 D	5	5		20	X
2009/10-3	Lab	LCS	2/8/2010	Conventional	Turbidity	n/a	=	6.09	NTU	EPA 180.1	0.04	0.1			X
2009/10-3	Lab	LCS, rec	2/8/2010	Conventional	Turbidity	n/a	=	99	%	EPA 180.1	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/8/2010	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X
2009/10-3	ME-VR2	lab duplicate	2/8/2010	Conventional	Turbidity	n/a	=	158	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-3	Lab	method blank	2/13/2010	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			X
2009/10-3	MO-CAM	lab duplicate	2/13/2010	Conventional	Volatile Suspended Solids	n/a	=	15	mg/L	EPA 160.4	3.1	5		15	X
2009/10-3	Lab	LCS	2/17/2010	Hydrocarbon	Oil and Grease	n/a	DNQ	4	mg/L	EPA 1664A	2	5			X
2009/10-3	Lab	LCS	2/17/2010	Hydrocarbon	Oil and Grease	n/a	=	16.3	mg/L	EPA 1664A	2	5			X
2009/10-3	Lab	LCS dup	2/17/2010	Hydrocarbon	Oil and Grease	n/a	=	18	mg/L	EPA 1664A	2	5			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	X
2009/10-3	Lab	LCS, rec	2/17/2010	Hydrocarbon	Oil and Grease	n/a	=	80	%	EPA 1664A	-88	-88	78	114	X
2009/10-3	Lab	LCS, rec	2/17/2010	Hydrocarbon	Oil and Grease	n/a	=	82	%	EPA 1664A	-88	-88	78	114	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Hydrocarbon	Oil and Grease	n/a	=	10	%	EPA 1664A	-88	-88	0	18	X
2009/10-3	Lab	method blank	2/17/2010	Hydrocarbon	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5			X
2009/10-3	MO-OJA	field duplicate	2/17/2010	Hydrocarbon	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5			X
2009/10-3	Lab	LCS	2/17/2010	Hydrocarbon	TPH	n/a	=	9.8	mg/L	EPA 1664A	1.9	5			X
2009/10-3	Lab	LCS	2/17/2010	Hydrocarbon	TPH	n/a	DNQ	2.1	mg/L	EPA 1664A	1.9	5			X
2009/10-3	Lab	LCS dup	2/17/2010	Hydrocarbon	TPH	n/a	=	9.4	mg/L	EPA 1664A	1.9	5			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Hydrocarbon	TPH	n/a	=	94	%	EPA 1664A	-88	-88	64	132	X
2009/10-3	Lab	LCS, rec	2/17/2010	Hydrocarbon	TPH	n/a	=	84	%	EPA 1664A	-88	-88	64	132	X
2009/10-3	Lab	LCS, rec	2/17/2010	Hydrocarbon	TPH	n/a	=	98	%	EPA 1664A	-88	-88	64	132	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS, RPD	2/17/2010	Hydrocarbon	TPH	n/a	=	4	%	EPA 1664A	-88	-88	0	18	X
2009/10-3	Lab	method blank	2/17/2010	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			X
2009/10-3	MO-OJA	field duplicate	2/17/2010	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Aluminum	Dissolved	=	52.5	µg/L	EPA 200.8	0.19	5			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Aluminum	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Aluminum	Dissolved	DNQ	1.41	µg/L	EPA 200.8	0.19	5			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Aluminum	Total	=	52.5	µg/L	EPA 200.8	0.19	5			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Aluminum	Total	=	105	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Aluminum	Total	DNQ	1.41	µg/L	EPA 200.8	0.19	5			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Aluminum	Total	=	8680	µg/L	EPA 200.8	0.19	5			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Aluminum	Total	=	8730	µg/L	EPA 200.8	0.19	5			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Aluminum	Total	=	-520	%	EPA 200.8	-88	-88	70	130	GB
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Aluminum	Total	=	-622	%	EPA 200.8	-88	-88	70	130	GB
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Aluminum	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Aluminum	Total	=	4670	µg/L	EPA 200.8	0.19	5			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Aluminum	Total	=	4840	µg/L	EPA 200.8	0.19	5			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Aluminum	Total	=	628	%	EPA 200.8	-88	-88	70	130	GB
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Aluminum	Total	=	286	%	EPA 200.8	-88	-88	70	130	GB
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Antimony	Dissolved	=	47.7	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Antimony	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Antimony	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Antimony	Total	=	47.7	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Antimony	Total	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Antimony	Total	DNQ	0.01	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Antimony	Total	=	31.1	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Antimony	Total	=	30.2	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Antimony	Total	=	59	%	EPA 200.8	-88	-88	70	130	GB
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Antimony	Total	=	61	%	EPA 200.8	-88	-88	70	130	GB
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Antimony	Total	=	38.6	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Antimony	Total	=	37.4	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Antimony	Total	=	74	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Antimony	Total	=	77	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Arsenic	Dissolved	=	49.7	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Arsenic	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Arsenic	Total	=	49.7	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Arsenic	Total	DNQ	0.06	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Arsenic	Total	=	52.3	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Arsenic	Total	=	50.9	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Arsenic	Total	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Arsenic	Total	=	49.3	µg/L	EPA 200.8	0.014	0.4			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Arsenic	Total	=	50.6	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Arsenic	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Barium	Total	=	49.5	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Barium	Total	<	0.024	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Barium	Total	=	166	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Barium	Total	=	166	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Barium	Total	=	111	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Barium	Total	=	113	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Barium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Barium	Total	=	150	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Barium	Total	=	155	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Barium	Total	=	115	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Barium	Total	=	106	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Barium	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Beryllium	Dissolved	=	46.8	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Beryllium	Total	=	46.8	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Beryllium	Total	=	47.8	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Beryllium	Total	=	46	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Beryllium	Total	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Beryllium	Total	=	47.3	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Beryllium	Total	=	48.1	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Beryllium	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Cadmium	Dissolved	=	49.2	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Cadmium	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Cadmium	Total	=	49.2	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Cadmium	Total	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Cadmium	Total	=	49.6	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Cadmium	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Cadmium	Total	=	48.7	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Cadmium	Total	=	49.1	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Cadmium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Chromium	Dissolved	=	51.2	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Chromium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Chromium	Dissolved	DNQ	0.09	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Chromium	Total	=	51.2	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Chromium	Total	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Chromium	Total	DNQ	0.09	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Chromium	Total	=	71.3	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Chromium	Total	=	70.7	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Chromium	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Chromium	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Chromium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Chromium	Total	=	62.2	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Chromium	Total	=	64.4	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Chromium	Total	=	103	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Chromium	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Chromium	Total	=	4	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	000NONPJ	lab duplicate	2/10/2010	Metal	Chromium VI	n/a	=	0.538	µg/L	EPA 218.6	0.0059	0.3		10	X
2009/10-3	000NONPJ	matrix spike	2/10/2010	Metal	Chromium VI	n/a	=	5.34	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3	000NONPJ	matrix spike	2/10/2010	Metal	Chromium VI	n/a	=	4.78	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3	000NONPJ	matrix spike dup	2/10/2010	Metal	Chromium VI	n/a	=	4.87	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3	000NONPJ	matrix spike dup	2/10/2010	Metal	Chromium VI	n/a	=	5.3	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/10/2010	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/10/2010	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	88	112	X
2009/10-3	000NONPJ	matrix spike, rec	2/10/2010	Metal	Chromium VI	n/a	=	97	%	EPA 218.6	-88	-88	88	112	X
2009/10-3	000NONPJ	matrix spike, rec	2/10/2010	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	88	112	X
2009/10-3	000NONPJ	matrix spike, RPD	2/10/2010	Metal	Chromium VI	n/a	=	0.8	%	EPA 218.6	-88	-88	0	10	X
2009/10-3	000NONPJ	matrix spike, RPD	2/10/2010	Metal	Chromium VI	n/a	=	2	%	EPA 218.6	-88	-88	0	10	X
2009/10-3	Lab	LCS	2/10/2010	Metal	Chromium VI	n/a	=	4.72	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3	Lab	LCS, rec	2/10/2010	Metal	Chromium VI	n/a	=	94	%	EPA 218.6	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/10/2010	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Copper	Dissolved	=	53.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/19/2010	Metal	Copper	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Copper	Total	=	53.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/19/2010	Metal	Copper	Total	DNQ	0.06	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Copper	Total	=	75.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Copper	Total	=	74.6	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Copper	Total	=	89	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Copper	Total	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Copper	Total	=	59.7	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Copper	Total	=	61.7	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Copper	Total	=	94	%	EPA 200.8	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Iron	Dissolved	=	1110	µg/L	EPA 200.8	0.6	20			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Iron	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Iron	Dissolved	DNQ	1.54	µg/L	EPA 200.8	0.6	20			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Iron	Total	=	1110	µg/L	EPA 200.8	0.6	20			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Iron	Total	=	106	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Iron	Total	DNQ	1.54	µg/L	EPA 200.8	0.6	20			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Iron	Total	=	15400	µg/L	EPA 200.8	0.6	20			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Iron	Total	=	15600	µg/L	EPA 200.8	0.6	20			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Iron	Total	=	139	%	EPA 200.8	-88	-88	70	130	GB
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Iron	Total	=	116	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Iron	Total	=	7700	µg/L	EPA 200.8	0.6	20			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Iron	Total	=	8130	µg/L	EPA 200.8	0.6	20			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Iron	Total	=	105	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Iron	Total	=	64	%	EPA 200.8	-88	-88	70	130	GB
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Iron	Total	=	5	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Lead	Dissolved	=	48.4	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Lead	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Lead	Total	=	48.4	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Lead	Total	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Lead	Total	<	0.017	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Lead	Total	=	58.6	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Lead	Total	=	57.5	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Lead	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Lead	Total	=	52	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Lead	Total	=	53.2	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Lead	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Lead	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Lead	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	000NONPJ	matrix spike	2/16/2010	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike	2/16/2010	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike dup	2/16/2010	Metal	Mercury	Dissolved	=	1030	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike dup	2/16/2010	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/16/2010	Metal	Mercury	Dissolved	=	100	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/16/2010	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/16/2010	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/16/2010	Metal	Mercury	Dissolved	=	99	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, RPD	2/16/2010	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike, RPD	2/16/2010	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/16/2010	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-3	Lab	LCS, rec	2/16/2010	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/16/2010	Metal	Mercury	Dissolved	DNQ	19	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike	2/16/2010	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	000NONPJ	matrix spike	2/16/2010	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike dup	2/16/2010	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike dup	2/16/2010	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/16/2010	Metal	Mercury	Total	=	100	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/16/2010	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/16/2010	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/16/2010	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, RPD	2/16/2010	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike, RPD	2/16/2010	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike	2/19/2010	Metal	Mercury	Total	=	1090	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike	2/19/2010	Metal	Mercury	Total	=	1100	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike dup	2/19/2010	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike dup	2/19/2010	Metal	Mercury	Total	=	1080	ng/L	EPA 245.1	3.9	50			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/19/2010	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/19/2010	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/19/2010	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, rec	2/19/2010	Metal	Mercury	Total	=	104	%	EPA 245.1	-88	-88	70	130	X
2009/10-3	000NONPJ	matrix spike, RPD	2/19/2010	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike, RPD	2/19/2010	Metal	Mercury	Total	=	0.9	%	EPA 245.1	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/16/2010	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-3	Lab	LCS, rec	2/16/2010	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/16/2010	Metal	Mercury	Total	DNQ	19	ng/L	EPA 245.1	3.9	50			X
2009/10-3	Lab	LCS	2/19/2010	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	3.9	50			X
2009/10-3	Lab	LCS, rec	2/19/2010	Metal	Mercury	Total	=	105	%	EPA 245.1	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/19/2010	Metal	Mercury	Total	DNQ	33	ng/L	EPA 245.1	3.9	50			X
2009/10-3	MO-OJA	field duplicate	2/19/2010	Metal	Mercury	Total	DNQ	39	ng/L	EPA 245.1	3.9	50			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Nickel	Dissolved	=	51.8	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Nickel	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Nickel	Dissolved	DNQ	0.02	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Nickel	Total	=	51.8	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Nickel	Total	=	104	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Nickel	Total	DNQ	0.02	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Nickel	Total	=	69.6	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Nickel	Total	=	69.3	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Nickel	Total	=	90	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Nickel	Total	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Nickel	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Nickel	Total	=	68.4	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Nickel	Total	=	71.5	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Nickel	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Nickel	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Nickel	Total	=	4	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Selenium	Dissolved	=	51	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Selenium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Selenium	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Selenium	Total	=	51	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Selenium	Total	=	102	%	EPA 200.8	-88	-88	85	115	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	method blank	2/18/2010	Metal	Selenium	Total	<	0.017	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Selenium	Total	=	49.4	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Selenium	Total	=	48.4	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Selenium	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Selenium	Total	=	50.4	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Selenium	Total	=	51	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Selenium	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Selenium	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Silver	Dissolved	=	48.7	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Silver	Total	=	48.7	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Silver	Total	=	46.7	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Silver	Total	=	45.7	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Silver	Total	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Silver	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Silver	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Silver	Total	=	46	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Silver	Total	=	46.2	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Silver	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Thallium	Dissolved	=	49.9	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Thallium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Thallium	Total	=	49.9	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Thallium	Total	=	50.3	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Thallium	Total	=	49.3	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Thallium	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Thallium	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Thallium	Total	=	50	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Thallium	Total	=	51.4	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Thallium	Total	=	103	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Thallium	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Thallium	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/18/2010	Metal	Zinc	Dissolved	=	50.4	µg/L	EPA 200.8	0.3	5			X
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Zinc	Dissolved	=	101	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Zinc	Dissolved	DNQ	0.51	µg/L	EPA 200.8	0.3	5			X
2009/10-3	Lab	LCS	2/18/2010	Metal	Zinc	Total	=	50.4	µg/L	EPA 200.8	0.3	5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS, rec	2/18/2010	Metal	Zinc	Total	=	101	%	EPA 200.8	-88	-88	85	115	X
2009/10-3	Lab	method blank	2/18/2010	Metal	Zinc	Total	DNQ	0.51	µg/L	EPA 200.8	0.3	5			X
2009/10-3	ME-CC	matrix spike	2/18/2010	Metal	Zinc	Total	=	123	µg/L	EPA 200.8	0.3	5			X
2009/10-3	ME-CC	matrix spike dup	2/18/2010	Metal	Zinc	Total	=	122	µg/L	EPA 200.8	0.3	5			X
2009/10-3	ME-CC	matrix spike dup, rec	2/18/2010	Metal	Zinc	Total	=	86	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/18/2010	Metal	Zinc	Total	=	88	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/18/2010	Metal	Zinc	Total	=	0.7	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	ME-VR2	matrix spike	2/18/2010	Metal	Zinc	Total	=	79.1	µg/L	EPA 200.8	0.3	5			X
2009/10-3	ME-VR2	matrix spike dup	2/18/2010	Metal	Zinc	Total	=	73.9	µg/L	EPA 200.8	0.3	5			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/18/2010	Metal	Zinc	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, rec	2/18/2010	Metal	Zinc	Total	=	104	%	EPA 200.8	-88	-88	70	130	X
2009/10-3	ME-VR2	matrix spike, RPD	2/18/2010	Metal	Zinc	Total	=	7	%	EPA 200.8	-88	-88	0	30	X
2009/10-3	000NONPJ	matrix spike	2/17/2010	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			X
2009/10-3	000NONPJ	matrix spike	2/17/2010	Nutrient	Ammonia as N	n/a	=	2	mg/L	EPA 350.1	0.096	0.2			D
2009/10-3	000NONPJ	matrix spike dup	2/17/2010	Nutrient	Ammonia as N	n/a	=	1.99	mg/L	EPA 350.1	0.096	0.2			D
2009/10-3	000NONPJ	matrix spike dup	2/17/2010	Nutrient	Ammonia as N	n/a	=	1.05	mg/L	EPA 350.1	0.048	0.1			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/17/2010	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	D
2009/10-3	000NONPJ	matrix spike dup, rec	2/17/2010	Nutrient	Ammonia as N	n/a	=	105	%	EPA 350.1	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, rec	2/17/2010	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, rec	2/17/2010	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	D
2009/10-3	000NONPJ	matrix spike, RPD	2/17/2010	Nutrient	Ammonia as N	n/a	=	0.6	%	EPA 350.1	-88	-88	0	10	D
2009/10-3	000NONPJ	matrix spike, RPD	2/17/2010	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	10	X
2009/10-3	Lab	LCS	2/17/2010	Nutrient	Ammonia as N	n/a	=	1.03	mg/L	EPA 350.1	0.048	0.1			X
2009/10-3	Lab	LCS, rec	2/17/2010	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/17/2010	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			X
2009/10-3	000NONPJ	matrix spike	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	2.1	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	000NONPJ	matrix spike dup	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	2.14	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, rec	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, RPD	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	5	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	000NONPJ	matrix spike	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	5.04	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	5.02	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	000NONPJ	matrix spike dup	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	4.95	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	102	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, rec	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	0.3	%	EPA 353.2	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike, RPD	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	1	%	EPA 353.2	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	1.08	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	Lab	LCS, rec	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	<	0.033	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	Lab	LCS	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	1.06	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	Lab	LCS, rec	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/12/2010	Nutrient	Nitrate + Nitrite as N	n/a	<	0.033	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	ME-VR2	matrix spike	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	3.66	mg/L	EPA 353.2	0.033	0.1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-VR2	matrix spike dup	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	3.6	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	ME-VR2	matrix spike, rec	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	ME-VR2	matrix spike, RPD	2/8/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike	2/8/2010	Nutrient	Nitrate as N	n/a	=	2.1	mg/L	EPA 353.2	0.022	0.1			X
2009/10-3	000NONPJ	matrix spike dup	2/8/2010	Nutrient	Nitrate as N	n/a	=	2.14	mg/L	EPA 353.2	0.022	0.1			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/8/2010	Nutrient	Nitrate as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, rec	2/8/2010	Nutrient	Nitrate as N	n/a	=	105	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, RPD	2/8/2010	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	X
2009/10-3	Lab	LCS	2/8/2010	Nutrient	Nitrate as N	n/a	=	1.08	mg/L	EPA 353.2	0.022	0.1			X
2009/10-3	Lab	LCS, rec	2/8/2010	Nutrient	Nitrate as N	n/a	=	108	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/8/2010	Nutrient	Nitrate as N	n/a	DNQ	0.022	mg/L	EPA 353.2	0.022	0.1			X
2009/10-3	ME-VR2	matrix spike	2/8/2010	Nutrient	Nitrate as N	n/a	=	3.66	mg/L	EPA 353.2	0.022	0.1			X
2009/10-3	ME-VR2	matrix spike dup	2/8/2010	Nutrient	Nitrate as N	n/a	=	3.6	mg/L	EPA 353.2	0.022	0.1			X
2009/10-3	ME-VR2	matrix spike dup, rec	2/8/2010	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	ME-VR2	matrix spike, rec	2/8/2010	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	X
2009/10-3	ME-VR2	matrix spike, RPD	2/8/2010	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	X
2009/10-3	000NONPJ	matrix spike	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	0.0765	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	000NONPJ	matrix spike	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	0.164	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	000NONPJ	matrix spike dup	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	0.0741	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	000NONPJ	matrix spike dup	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	0.169	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike dup, rec	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	112	%	EPA 365.1	-88	-88	90	110	GB
2009/10-3	000NONPJ	matrix spike, rec	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	107	%	EPA 365.1	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, rec	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	102	%	EPA 365.1	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, RPD	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	3	%	EPA 365.1	-88	-88	0	10	X
2009/10-3	000NONPJ	matrix spike, RPD	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	3	%	EPA 365.1	-88	-88	0	10	X
2009/10-3	Lab	LCS	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	0.0491	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	Lab	LCS, rec	2/18/2010	Nutrient	Phosphorus as P	Dissolved	=	98	%	EPA 365.1	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/18/2010	Nutrient	Phosphorus as P	Dissolved	DNQ	0.0018	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	000NONPJ	matrix spike	2/18/2010	Nutrient	Phosphorus as P	Total	=	0.164	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	000NONPJ	matrix spike	2/18/2010	Nutrient	Phosphorus as P	Total	=	0.0765	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	000NONPJ	matrix spike dup	2/18/2010	Nutrient	Phosphorus as P	Total	=	0.169	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	000NONPJ	matrix spike dup	2/18/2010	Nutrient	Phosphorus as P	Total	=	0.0741	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/18/2010	Nutrient	Phosphorus as P	Total	=	112	%	EPA 365.1	-88	-88	90	110	GB
2009/10-3	000NONPJ	matrix spike dup, rec	2/18/2010	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, rec	2/18/2010	Nutrient	Phosphorus as P	Total	=	102	%	EPA 365.1	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, rec	2/18/2010	Nutrient	Phosphorus as P	Total	=	107	%	EPA 365.1	-88	-88	90	110	X
2009/10-3	000NONPJ	matrix spike, RPD	2/18/2010	Nutrient	Phosphorus as P	Total	=	3	%	EPA 365.1	-88	-88	0	10	X
2009/10-3	000NONPJ	matrix spike, RPD	2/18/2010	Nutrient	Phosphorus as P	Total	=	3	%	EPA 365.1	-88	-88	0	10	X
2009/10-3	Lab	LCS	2/18/2010	Nutrient	Phosphorus as P	Total	=	0.0491	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	Lab	LCS, rec	2/18/2010	Nutrient	Phosphorus as P	Total	=	98	%	EPA 365.1	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/18/2010	Nutrient	Phosphorus as P	Total	DNQ	0.0018	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3	Lab	LCS	2/12/2010	Nutrient	TKN	n/a	=	0.914	mg/L	EPA 351.2	0.074	0.1			X
2009/10-3	Lab	LCS, rec	2/12/2010	Nutrient	TKN	n/a	=	91	%	EPA 351.2	-88	-88	90	110	X
2009/10-3	Lab	method blank	2/12/2010	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			X
2009/10-3	MO-CAM	matrix spike	2/12/2010	Nutrient	TKN	n/a	=	2.28	mg/L	EPA 351.2	0.074	0.1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-CAM	matrix spike dup	2/12/2010	Nutrient	TKN	n/a	=	2.22	mg/L	EPA 351.2	0.074	0.1			X
2009/10-3	MO-CAM	matrix spike dup, rec	2/12/2010	Nutrient	TKN	n/a	=	120	%	EPA 351.2	-88	-88	90	110	GB
2009/10-3	MO-CAM	matrix spike, rec	2/12/2010	Nutrient	TKN	n/a	=	126	%	EPA 351.2	-88	-88	90	110	GB
2009/10-3	MO-CAM	matrix spike, RPD	2/12/2010	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	15	X
2009/10-3	Lab	LCS	2/20/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	36.5	µg/L	EPA 625	0.26	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	44	142	X
2009/10-3	Lab	method blank	2/20/2010	Organic	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	36.5	µg/L	EPA 625	0.26	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	30.3	µg/L	EPA 625	0.26	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	44	142	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	73	%	EPA 625	-88	-88	44	142	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	19	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	1,2-Dichlorobenzene	n/a	=	38	µg/L	EPA 625	0.3	2			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	1,2-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	32	129	X
2009/10-3	Lab	method blank	2/20/2010	Organic	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	1,2-Dichlorobenzene	n/a	=	37.4	µg/L	EPA 625	0.3	2			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	1,2-Dichlorobenzene	n/a	=	31.5	µg/L	EPA 625	0.3	2			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	1,2-Dichlorobenzene	n/a	=	63	%	EPA 625	-88	-88	32	129	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	1,2-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	32	129	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	1,2-Dichlorobenzene	n/a	=	17	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	srgt LCS	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.94	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt LCS dup	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.3	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt LCS dup, rec	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	103	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt LCS, rec	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	99	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt method blank	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.1	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt method blank, rec	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	101	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt method blank	2/11/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	12.1	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt method blank, rec	2/11/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	121	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt LCS	2/12/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.2	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt LCS dup	2/12/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.1	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt LCS dup, rec	2/12/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	101	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt LCS, rec	2/12/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	112	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	ME-CC	srgt environ	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	11	µg/L	EPA 524.2	0	0			X
2009/10-3	ME-CC	srgt environ, rec	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	110	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	ME-VR2	srgt environ	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.2	µg/L	EPA 524.2	0	0			X
2009/10-3	ME-VR2	srgt environ, rec	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	102	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-CAM	srgt environ	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.2	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-CAM	srgt environ, rec	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	102	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-MEI	srgt environ	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.4	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-MEI	srgt environ, rec	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	104	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-OJA	srgt environ	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.6	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-OJA	srgt environ, rec	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	106	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-OJA	srgt environ	2/12/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-OJA	srgt environ, rec	2/12/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	100	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-VEN	srgt environ	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.8	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-VEN	srgt environ, rec	2/9/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	108	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/20/2010	Organic	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS	2/20/2010	Organic	1,3-Dichlorobenzene	n/a	=	37.2	µg/L	EPA 625	0.36	1			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	0.1	172	X
2009/10-3	Lab	method blank	2/20/2010	Organic	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	1,3-Dichlorobenzene	n/a	=	37	µg/L	EPA 625	0.36	1			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	1,3-Dichlorobenzene	n/a	=	30	µg/L	EPA 625	0.36	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	1,3-Dichlorobenzene	n/a	=	60	%	EPA 625	-88	-88	0.1	172	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	0.1	172	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	1,3-Dichlorobenzene	n/a	=	21	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	srgt LCS	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.75	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.88	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	Lab	srgt LCS, rec	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	Lab	srgt method blank	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	Lab	srgt LCS	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.535	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.559	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	112	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	Lab	srgt LCS, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	107	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	Lab	srgt method blank	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.442	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	88	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	ME-CC	srgt environ	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	ME-CC	srgt environ	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.522	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	104	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	ME-VR2	srgt environ	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.72	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	ME-VR2	srgt environ	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.457	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	91	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-CAM	srgt environ	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.85	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-CAM	srgt environ	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.543	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	109	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-MEI	srgt environ	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.66	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	93	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-MEI	srgt environ	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.432	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-OJA	srgt environ	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.82	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-OJA	srgt environ	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.418	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	84	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-VEN	srgt environ	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/17/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-VEN	srgt matrix spike	2/24/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.74	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup	2/24/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.24	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup, rec	2/24/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	85	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-VEN	srgt matrix spike, rec	2/24/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	MO-VEN	srgt environ	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.54	µg/L	EPA 525.2	-88	-88			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-VEN	srgt environ, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	X
2009/10-3	Lab	LCS	2/20/2010	Organic	1,4-Dichlorobenzene	n/a	=	37.9	µg/L	EPA 625	0.32	1			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	1,4-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	20	124	X
2009/10-3	Lab	method blank	2/20/2010	Organic	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	1,4-Dichlorobenzene	n/a	=	37.4	µg/L	EPA 625	0.32	1			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	1,4-Dichlorobenzene	n/a	=	30.6	µg/L	EPA 625	0.32	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	1,4-Dichlorobenzene	n/a	=	61	%	EPA 625	-88	-88	20	124	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	1,4-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	20	124	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	1,4-Dichlorobenzene	n/a	=	20	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			X
2009/10-3	Lab	srgt LCS	2/16/2010	Organic	2,4,6-Tribromophenol	n/a	=	23.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup	2/16/2010	Organic	2,4,6-Tribromophenol	n/a	=	21.9	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	2/16/2010	Organic	2,4,6-Tribromophenol	n/a	=	109	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-3	Lab	srgt LCS, rec	2/16/2010	Organic	2,4,6-Tribromophenol	n/a	=	117	%	EPA 8270Cm	-88	-88	44	115	GN
2009/10-3	Lab	srgt method blank	2/16/2010	Organic	2,4,6-Tribromophenol	n/a	=	21	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/16/2010	Organic	2,4,6-Tribromophenol	n/a	=	105	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-3	Lab	srgt LCS	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	117	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt LCS, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	117	%	EPA 625	-88	-88	0.1	157	X
2009/10-3	Lab	srgt method blank	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	102	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	102	%	EPA 625	-88	-88	0.1	157	X
2009/10-3	ME-CC	srgt environ	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	21.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	106	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-3	ME-CC	srgt environ	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	107	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	107	%	EPA 625	-88	-88	0.1	157	X
2009/10-3	ME-VR2	srgt environ	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	22.9	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	114	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-3	ME-VR2	srgt environ	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	85.1	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625	-88	-88	0.1	157	X
2009/10-3	MO-CAM	srgt environ	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	24	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	119	%	EPA 8270Cm	-88	-88	44	115	GN
2009/10-3	MO-CAM	srgt environ	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	97.3	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 625	-88	-88	0.1	157	X
2009/10-3	MO-MEI	srgt environ	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	21.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	107	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-3	MO-MEI	srgt environ	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	101	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	101	%	EPA 625	-88	-88	0.1	157	X
2009/10-3	MO-OJA	srgt environ	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	24.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	118	%	EPA 8270Cm	-88	-88	44	115	GN
2009/10-3	MO-OJA	srgt environ	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	115	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	115	%	EPA 625	-88	-88	0.1	157	X
2009/10-3	MO-VEN	srgt environ	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	23.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/17/2010	Organic	2,4,6-Tribromophenol	n/a	=	117	%	EPA 8270Cm	-88	-88	44	115	GN
2009/10-3	MO-VEN	srgt environ	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	106	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	106	%	EPA 625	-88	-88	0.1	157	X
2009/10-3	MO-VEN	srgt matrix spike	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	109	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	102	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	102	%	EPA 625	-88	-88	0.1	157	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-VEN	srgt matrix spike, rec	2/20/2010	Organic	2,4,6-Tribromophenol	n/a	=	109	%	EPA 625	-88	-88	0.1	157	X
2009/10-3	Lab	LCS	2/16/2010	Organic	2,4,6-Trichlorophenol	n/a	=	6.74	µg/L	EPA 8270Cm	0.3	1			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	2,4,6-Trichlorophenol	n/a	=	6.52	µg/L	EPA 8270Cm	0.3	1			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	2,4,6-Trichlorophenol	n/a	=	130	%	EPA 8270Cm	-88	-88	39	125	EUM
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	2,4,6-Trichlorophenol	n/a	=	135	%	EPA 8270Cm	-88	-88	39	125	EUM
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	2,4,6-Trichlorophenol	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			X
2009/10-3	Lab	LCS	2/16/2010	Organic	2,4-Dichlorophenol	n/a	=	4.36	µg/L	EPA 8270Cm	0.51	1			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	2,4-Dichlorophenol	n/a	=	4.3	µg/L	EPA 8270Cm	0.51	1			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	2,4-Dichlorophenol	n/a	=	86	%	EPA 8270Cm	-88	-88	60	116	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	2,4-Dichlorophenol	n/a	=	87	%	EPA 8270Cm	-88	-88	60	116	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	2,4-Dichlorophenol	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			X
2009/10-3	Lab	srgt LCS	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.3	µg/L	EPA 515.3	-88	-88			X
2009/10-3	Lab	srgt LCS, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	103	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	srgt method blank	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	srgt environ	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10	µg/L	EPA 515.3	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	srgt matrix spike	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.5	µg/L	EPA 515.3	-88	-88			X
2009/10-3	ME-CC	srgt matrix spike dup	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.1	µg/L	EPA 515.3	-88	-88			X
2009/10-3	ME-CC	srgt matrix spike dup, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	srgt matrix spike, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	115	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-VR2	srgt environ	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	MO-CAM	srgt environ	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.72	µg/L	EPA 515.3	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	97	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	MO-MEI	srgt environ	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.6	µg/L	EPA 515.3	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	106	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	MO-OJA	srgt environ	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.2	µg/L	EPA 515.3	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	102	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	MO-VEN	srgt environ	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.5	µg/L	EPA 515.3	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/23/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	105	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	LCS	2/16/2010	Organic	2,4-Dimethylphenol	n/a	=	3.69	µg/L	EPA 8270Cm	1	2			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	2,4-Dimethylphenol	n/a	=	3.66	µg/L	EPA 8270Cm	1	2			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	2,4-Dimethylphenol	n/a	=	73	%	EPA 8270Cm	-88	-88	2	117	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	2,4-Dimethylphenol	n/a	=	74	%	EPA 8270Cm	-88	-88	2	117	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	2,4-Dimethylphenol	n/a	=	0.8	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-3	Lab	LCS	2/16/2010	Organic	2,4-Dinitrophenol	n/a	=	9.19	µg/L	EPA 8270Cm	1	2			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	2,4-Dinitrophenol	n/a	=	8.76	µg/L	EPA 8270Cm	1	2			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	2,4-Dinitrophenol	n/a	=	175	%	EPA 8270Cm	-88	-88	28	140	EUM
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	2,4-Dinitrophenol	n/a	=	184	%	EPA 8270Cm	-88	-88	28	140	EUM
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	2,4-Dinitrophenol	n/a	=	5	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-3	Lab	LCS	2/20/2010	Organic	2,4-Dinitrotoluene	n/a	=	48.7	µg/L	EPA 625	0.4	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	2,4-Dinitrotoluene	n/a	=	97	%	EPA 625	-88	-88	39	139	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	method blank	2/20/2010	Organic	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	2,4-Dinitrotoluene	n/a	=	41.8	µg/L	EPA 625	0.4	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	2,4-Dinitrotoluene	n/a	=	39.4	µg/L	EPA 625	0.4	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	2,4-Dinitrotoluene	n/a	=	79	%	EPA 625	-88	-88	39	139	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	2,4-Dinitrotoluene	n/a	=	84	%	EPA 625	-88	-88	39	139	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	2,4-Dinitrotoluene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	2,6-Dinitrotoluene	n/a	=	41.4	µg/L	EPA 625	0.24	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	2,6-Dinitrotoluene	n/a	=	83	%	EPA 625	-88	-88	50	158	X
2009/10-3	Lab	method blank	2/20/2010	Organic	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	2,6-Dinitrotoluene	n/a	=	36.7	µg/L	EPA 625	0.24	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	2,6-Dinitrotoluene	n/a	=	35.2	µg/L	EPA 625	0.24	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	2,6-Dinitrotoluene	n/a	=	70	%	EPA 625	-88	-88	50	158	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	2,6-Dinitrotoluene	n/a	=	73	%	EPA 625	-88	-88	50	158	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	2,6-Dinitrotoluene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-3	MO-OJA	field duplicate	2/12/2010	Organic	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1			X
2009/10-3	Lab	LCS	2/20/2010	Organic	2-Chloronaphthalene	n/a	=	38.8	µg/L	EPA 625	0.26	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	2-Chloronaphthalene	n/a	=	78	%	EPA 625	-88	-88	60	118	X
2009/10-3	Lab	method blank	2/20/2010	Organic	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	2-Chloronaphthalene	n/a	=	37.2	µg/L	EPA 625	0.26	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	2-Chloronaphthalene	n/a	=	33	µg/L	EPA 625	0.26	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	2-Chloronaphthalene	n/a	=	66	%	EPA 625	-88	-88	60	118	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	2-Chloronaphthalene	n/a	=	74	%	EPA 625	-88	-88	60	118	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	2-Chloronaphthalene	n/a	=	12	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	2-Chlorophenol	n/a	=	3.56	µg/L	EPA 8270Cm	0.65	1			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	2-Chlorophenol	n/a	=	3.58	µg/L	EPA 8270Cm	0.65	1			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	2-Chlorophenol	n/a	=	72	%	EPA 8270Cm	-88	-88	56	98	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	2-Chlorophenol	n/a	=	71	%	EPA 8270Cm	-88	-88	56	98	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	2-Chlorophenol	n/a	=	0.6	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			X
2009/10-3	Lab	srgt LCS	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	8.05	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	7.73	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	Lab	srgt LCS, rec	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	Lab	srgt method blank	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	6.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	Lab	srgt LCS	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	38.9	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt LCS, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625	-88	-88	22	130	X
2009/10-3	Lab	srgt method blank	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	37.7	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	75	%	EPA 625	-88	-88	22	130	X
2009/10-3	ME-CC	srgt environ	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	6.97	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	ME-CC	srgt environ	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	37.9	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	130	X
2009/10-3	ME-VR2	srgt environ	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	8.03	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	80	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	ME-VR2	srgt environ	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	31.1	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 625	-88	-88	22	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-VR2	srgt matrix spike	3/17/2010	Organic	2-Fluorobiphenyl	n/a	=	7.03	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt matrix spike dup	3/17/2010	Organic	2-Fluorobiphenyl	n/a	=	7.02	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt matrix spike dup, rec	3/17/2010	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	ME-VR2	srgt matrix spike, rec	3/17/2010	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	MO-CAM	srgt environ	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	7.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	MO-CAM	srgt environ	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	36	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	72	%	EPA 625	-88	-88	22	130	X
2009/10-3	MO-MEI	srgt environ	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	7.87	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	MO-MEI	srgt environ	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	39.1	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625	-88	-88	22	130	X
2009/10-3	MO-OJA	srgt environ	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	8.38	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	MO-OJA	srgt environ	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	43.4	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	87	%	EPA 625	-88	-88	22	130	X
2009/10-3	MO-VEN	srgt environ	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	7.93	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/16/2010	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3	MO-VEN	srgt environ	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	36.7	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	130	X
2009/10-3	MO-VEN	srgt matrix spike	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	35.5	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	32	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	130	X
2009/10-3	MO-VEN	srgt matrix spike, rec	2/20/2010	Organic	2-Fluorobiphenyl	n/a	=	71	%	EPA 625	-88	-88	22	130	X
2009/10-3	Lab	srgt LCS	2/16/2010	Organic	2-Fluorophenol	n/a	=	7.85	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup	2/16/2010	Organic	2-Fluorophenol	n/a	=	7.81	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	2/16/2010	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3	Lab	srgt LCS, rec	2/16/2010	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3	Lab	srgt method blank	2/16/2010	Organic	2-Fluorophenol	n/a	=	7.07	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/16/2010	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3	Lab	srgt LCS	2/20/2010	Organic	2-Fluorophenol	n/a	=	52.8	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt LCS, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	53	%	EPA 625	-88	-88	6	96	X
2009/10-3	Lab	srgt method blank	2/20/2010	Organic	2-Fluorophenol	n/a	=	54.1	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	6	96	X
2009/10-3	ME-CC	srgt environ	2/17/2010	Organic	2-Fluorophenol	n/a	=	6.76	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/17/2010	Organic	2-Fluorophenol	n/a	=	33	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3	ME-CC	srgt environ	2/20/2010	Organic	2-Fluorophenol	n/a	=	43.8	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	6	96	X
2009/10-3	ME-VR2	srgt environ	2/17/2010	Organic	2-Fluorophenol	n/a	=	7.08	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/17/2010	Organic	2-Fluorophenol	n/a	=	35	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3	ME-VR2	srgt environ	2/20/2010	Organic	2-Fluorophenol	n/a	=	42.7	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	43	%	EPA 625	-88	-88	6	96	X
2009/10-3	MO-CAM	srgt environ	2/17/2010	Organic	2-Fluorophenol	n/a	=	7.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/17/2010	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3	MO-CAM	srgt environ	2/20/2010	Organic	2-Fluorophenol	n/a	=	48.8	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	6	96	X
2009/10-3	MO-MEI	srgt environ	2/17/2010	Organic	2-Fluorophenol	n/a	=	7.31	µg/L	EPA 8270Cm	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-MEI	srgt environ, rec	2/17/2010	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3	MO-MEI	srgt environ	2/20/2010	Organic	2-Fluorophenol	n/a	=	47.5	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	47	%	EPA 625	-88	-88	6	96	X
2009/10-3	MO-OJA	srgt environ	2/17/2010	Organic	2-Fluorophenol	n/a	=	7.34	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/17/2010	Organic	2-Fluorophenol	n/a	=	36	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3	MO-OJA	srgt environ	2/20/2010	Organic	2-Fluorophenol	n/a	=	56.7	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	57	%	EPA 625	-88	-88	6	96	X
2009/10-3	MO-VEN	srgt environ	2/17/2010	Organic	2-Fluorophenol	n/a	=	7.51	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/17/2010	Organic	2-Fluorophenol	n/a	=	37	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3	MO-VEN	srgt environ	2/20/2010	Organic	2-Fluorophenol	n/a	=	49.4	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	6	96	X
2009/10-3	MO-VEN	srgt matrix spike	2/20/2010	Organic	2-Fluorophenol	n/a	=	48.3	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup	2/20/2010	Organic	2-Fluorophenol	n/a	=	45.5	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	45	%	EPA 625	-88	-88	6	96	X
2009/10-3	MO-VEN	srgt matrix spike, rec	2/20/2010	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	6	96	X
2009/10-3	Lab	method blank	2/16/2010	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			X
2009/10-3	Lab	LCS	2/16/2010	Organic	2-Nitrophenol	n/a	=	8.46	µg/L	EPA 8270Cm	0.71	1			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	2-Nitrophenol	n/a	=	8.33	µg/L	EPA 8270Cm	0.71	1			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	2-Nitrophenol	n/a	=	167	%	EPA 8270Cm	-88	-88	54	121	EUM
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	2-Nitrophenol	n/a	=	169	%	EPA 8270Cm	-88	-88	54	121	EUM
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	2-Nitrophenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			X
2009/10-3	Lab	LCS	2/20/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	22.2	µg/L	EPA 625	0.3	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	44	%	EPA 625	-88	-88	0.1	262	X
2009/10-3	Lab	method blank	2/20/2010	Organic	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0.1	262	GB
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	0	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			X
2009/10-3	Lab	LCS	2/16/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12.9	µg/L	EPA 8270Cm	0.14	1			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12.6	µg/L	EPA 8270Cm	0.14	1			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	253	%	EPA 8270Cm	-88	-88	26	137	EUM
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	259	%	EPA 8270Cm	-88	-88	26	137	EUM
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			X
2009/10-3	Lab	srgt LCS	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	10.1	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt LCS dup	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	10.1	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt LCS dup, rec	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt LCS, rec	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt method blank	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	10.2	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt method blank, rec	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt method blank	2/11/2010	Organic	4-Bromofluorobenzene	n/a	=	11.9	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt method blank, rec	2/11/2010	Organic	4-Bromofluorobenzene	n/a	=	119	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt LCS	2/12/2010	Organic	4-Bromofluorobenzene	n/a	=	10.4	µg/L	EPA 524.2	0	0			X
2009/10-3	Lab	srgt LCS dup	2/12/2010	Organic	4-Bromofluorobenzene	n/a	=	10.1	µg/L	EPA 524.2	0	0			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	srgt LCS dup, rec	2/12/2010	Organic	4-Bromofluorobenzene	n/a	=	101	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	srgt LCS, rec	2/12/2010	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	ME-CC	srgt environ	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	11	µg/L	EPA 524.2	0	0			X
2009/10-3	ME-CC	srgt environ, rec	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	110	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	ME-VR2	srgt environ	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	10.4	µg/L	EPA 524.2	0	0			X
2009/10-3	ME-VR2	srgt environ, rec	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-CAM	srgt environ	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-CAM	srgt environ, rec	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-MEI	srgt environ	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	11	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-MEI	srgt environ, rec	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	110	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-OJA	srgt environ	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	10.7	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-OJA	srgt environ, rec	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	107	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-OJA	srgt environ	2/12/2010	Organic	4-Bromofluorobenzene	n/a	=	9.77	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-OJA	srgt environ, rec	2/12/2010	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	MO-VEN	srgt environ	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	11.1	µg/L	EPA 524.2	0	0			X
2009/10-3	MO-VEN	srgt environ, rec	2/9/2010	Organic	4-Bromofluorobenzene	n/a	=	111	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	LCS	2/20/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	44.8	µg/L	EPA 625	0.23	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	90	%	EPA 625	-88	-88	56	127	X
2009/10-3	Lab	method blank	2/20/2010	Organic	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	42.4	µg/L	EPA 625	0.23	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	40.5	µg/L	EPA 625	0.23	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	81	%	EPA 625	-88	-88	56	127	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	85	%	EPA 625	-88	-88	56	127	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	4-Chloro-3-methylphenol	n/a	=	4.74	µg/L	EPA 8270Cm	0.37	1			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	4-Chloro-3-methylphenol	n/a	=	4.63	µg/L	EPA 8270Cm	0.37	1			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	4-Chloro-3-methylphenol	n/a	=	93	%	EPA 8270Cm	-88	-88	67	107	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	4-Chloro-3-methylphenol	n/a	=	95	%	EPA 8270Cm	-88	-88	67	107	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			X
2009/10-3	Lab	LCS	2/20/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	60	µg/L	EPA 625	0.24	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	120	%	EPA 625	-88	-88	25	158	X
2009/10-3	Lab	method blank	2/20/2010	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	57.1	µg/L	EPA 625	0.24	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	53.6	µg/L	EPA 625	0.24	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	107	%	EPA 625	-88	-88	25	158	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	114	%	EPA 625	-88	-88	25	158	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	4-Nitrophenol	n/a	=	3.13	µg/L	EPA 8270Cm	1	2			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	4-Nitrophenol	n/a	=	3.12	µg/L	EPA 8270Cm	1	2			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	4-Nitrophenol	n/a	=	62	%	EPA 8270Cm	-88	-88	26	79	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	4-Nitrophenol	n/a	=	63	%	EPA 8270Cm	-88	-88	26	79	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	4-Nitrophenol	n/a	=	0.3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-3	Lab	LCS	2/16/2010	Organic	Acenaphthene	n/a	=	4.11	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Acenaphthene	n/a	=	3.98	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Acenaphthene	n/a	=	80	%	EPA 8270Cm	-88	-88	47	145	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Acenaphthene	n/a	=	82	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Acenaphthene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Acenaphthene	n/a	=	3.63	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Acenaphthene	n/a	=	3.24	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Acenaphthene	n/a	=	65	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Acenaphthene	n/a	=	73	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Acenaphthene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Acenaphthylene	n/a	=	4.67	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Acenaphthylene	n/a	=	4.52	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Acenaphthylene	n/a	=	90	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Acenaphthylene	n/a	=	93	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Acenaphthylene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Acenaphthylene	n/a	=	4.12	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Acenaphthylene	n/a	=	3.81	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Acenaphthylene	n/a	=	76	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Acenaphthylene	n/a	=	82	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Acenaphthylene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Anthracene	n/a	=	5.38	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Anthracene	n/a	=	5.32	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Anthracene	n/a	=	106	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Anthracene	n/a	=	108	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Anthracene	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Anthracene	n/a	=	4.53	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Anthracene	n/a	=	4.68	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Anthracene	n/a	=	94	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Anthracene	n/a	=	91	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Anthracene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Benz(a)anthracene	n/a	=	6.01	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Benz(a)anthracene	n/a	=	5.92	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Benz(a)anthracene	n/a	=	118	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Benz(a)anthracene	n/a	=	120	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Benz(a)anthracene	n/a	=	5.12	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Benz(a)anthracene	n/a	=	5.72	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Benz(a)anthracene	n/a	=	114	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Benz(a)anthracene	n/a	=	102	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Benz(a)anthracene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5			X
2009/10-3	Lab	LCS	2/17/2010	Organic	Benzo(a)pyrene	n/a	=	3.39	µg/L	EPA 525.2	0.073	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Organic	Benzo(a)pyrene	n/a	=	2.87	µg/L	EPA 525.2	0.073	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Organic	Benzo(a)pyrene	n/a	=	57	%	EPA 525.2	-88	-88	54	136	X
2009/10-3	Lab	LCS, rec	2/17/2010	Organic	Benzo(a)pyrene	n/a	=	68	%	EPA 525.2	-88	-88	54	136	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Organic	Benzo(a)pyrene	n/a	=	17	%	EPA 525.2	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	method blank	2/17/2010	Organic	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Organic	Benzo(a)pyrene	n/a	=	3.26	µg/L	EPA 525.2	0.073	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Organic	Benzo(a)pyrene	n/a	=	3.41	µg/L	EPA 525.2	0.073	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Organic	Benzo(a)pyrene	n/a	=	68	%	EPA 525.2	-88	-88	29	153	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Organic	Benzo(a)pyrene	n/a	=	65	%	EPA 525.2	-88	-88	29	153	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Organic	Benzo(a)pyrene	n/a	=	4	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Benzo(b)fluoranthene	n/a	=	5.68	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Benzo(b)fluoranthene	n/a	=	5.22	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Benzo(b)fluoranthene	n/a	=	104	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Benzo(b)fluoranthene	n/a	=	114	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Benzo(b)fluoranthene	n/a	=	8	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Benzo(b)fluoranthene	n/a	=	4.52	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Benzo(b)fluoranthene	n/a	=	5.09	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Benzo(b)fluoranthene	n/a	=	102	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Benzo(b)fluoranthene	n/a	=	90	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Benzo(b)fluoranthene	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Benzo(g,h,i)perylene	n/a	=	5.26	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Benzo(g,h,i)perylene	n/a	=	4.34	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Benzo(g,h,i)perylene	n/a	=	87	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Benzo(g,h,i)perylene	n/a	=	105	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Benzo(g,h,i)perylene	n/a	=	19	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Benzo(g,h,i)perylene	n/a	=	5.73	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Benzo(g,h,i)perylene	n/a	=	5.83	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Benzo(g,h,i)perylene	n/a	=	117	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Benzo(g,h,i)perylene	n/a	=	115	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Benzo(k)fluoranthene	n/a	=	5.46	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Benzo(k)fluoranthene	n/a	=	5.1	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Benzo(k)fluoranthene	n/a	=	102	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Benzo(k)fluoranthene	n/a	=	109	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Benzo(k)fluoranthene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Benzo(k)fluoranthene	n/a	=	4.38	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Benzo(k)fluoranthene	n/a	=	4.88	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Benzo(k)fluoranthene	n/a	=	98	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Benzo(k)fluoranthene	n/a	=	88	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Benzo(k)fluoranthene	n/a	=	11	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	43.6	µg/L	EPA 625	0.4	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	87	%	EPA 625	-88	-88	33	184	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	40.1	µg/L	EPA 625	0.4	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	37.6	µg/L	EPA 625	0.4	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	75	%	EPA 625	-88	-88	33	184	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	80	%	EPA 625	-88	-88	33	184	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	6	%	EPA 625	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS	2/20/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	39.4	µg/L	EPA 625	0.46	1			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	79	%	EPA 625	-88	-88	12	158	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	36	µg/L	EPA 625	0.46	1			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	33.7	µg/L	EPA 625	0.46	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	67	%	EPA 625	-88	-88	12	158	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	72	%	EPA 625	-88	-88	12	158	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	41.1	µg/L	EPA 625	0.48	2			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	82	%	EPA 625	-88	-88	36	166	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	37.7	µg/L	EPA 625	0.48	2			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	35.3	µg/L	EPA 625	0.48	2			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	71	%	EPA 625	-88	-88	36	166	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3.63	µg/L	EPA 525.2	0.23	3			X
2009/10-3	Lab	LCS dup	2/17/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3.01	µg/L	EPA 525.2	0.23	3			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	60	%	EPA 525.2	-88	-88	50	145	X
2009/10-3	Lab	LCS, rec	2/17/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	73	%	EPA 525.2	-88	-88	50	145	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	19	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.29	µg/L	EPA 525.2	0.23	5			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.4	µg/L	EPA 525.2	0.23	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	88	%	EPA 525.2	-88	-88	28	147	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	86	%	EPA 525.2	-88	-88	28	147	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3.94	µg/L	EPA 525.2	1.1	3			X
2009/10-3	Lab	LCS dup	2/17/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	3.28	µg/L	EPA 525.2	1.1	3			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	66	%	EPA 525.2	-88	-88	54	142	X
2009/10-3	Lab	LCS, rec	2/17/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	79	%	EPA 525.2	-88	-88	54	142	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	18	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.21	µg/L	EPA 525.2	1.1	3			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.21	µg/L	EPA 525.2	1.1	3			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	104	%	EPA 525.2	-88	-88	23	154	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	104	%	EPA 525.2	-88	-88	23	154	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Butyl benzyl phthalate	n/a	=	50.1	µg/L	EPA 625	1	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Butyl benzyl phthalate	n/a	=	100	%	EPA 625	-88	-88	0.1	152	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Butyl benzyl phthalate	n/a	=	41	µg/L	EPA 625	1	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Butyl benzyl phthalate	n/a	=	40	µg/L	EPA 625	1	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Butyl benzyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	152	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Butyl benzyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	152	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Butyl benzyl phthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Chrysene	n/a	=	4.65	µg/L	EPA 8270Cm	0.09	0.5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Chrysene	n/a	=	4.71	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Chrysene	n/a	=	94	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Chrysene	n/a	=	93	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Chrysene	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Chrysene	n/a	=	4.08	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Chrysene	n/a	=	4.09	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Chrysene	n/a	=	82	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Chrysene	n/a	=	82	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Chrysene	n/a	=	0.2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Dibenz(a,h)anthracene	n/a	=	5.34	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Dibenz(a,h)anthracene	n/a	=	4.44	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Dibenz(a,h)anthracene	n/a	=	89	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Dibenz(a,h)anthracene	n/a	=	107	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Dibenz(a,h)anthracene	n/a	=	18	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Dibenz(a,h)anthracene	n/a	=	5.5	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Dibenz(a,h)anthracene	n/a	=	5.64	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Dibenz(a,h)anthracene	n/a	=	113	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Dibenz(a,h)anthracene	n/a	=	110	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Diethyl phthalate	n/a	=	58.7	µg/L	EPA 625	0.23	2			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Diethyl phthalate	n/a	=	117	%	EPA 625	-88	-88	0.1	112	EUM
2009/10-3	Lab	method blank	2/20/2010	Organic	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Diethyl phthalate	n/a	=	51.4	µg/L	EPA 625	0.23	2			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Diethyl phthalate	n/a	=	49.3	µg/L	EPA 625	0.23	2			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Diethyl phthalate	n/a	=	99	%	EPA 625	-88	-88	0.1	112	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Diethyl phthalate	n/a	=	103	%	EPA 625	-88	-88	0.1	112	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Diethyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Dimethyl phthalate	n/a	=	41.4	µg/L	EPA 625	0.26	2			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Dimethyl phthalate	n/a	=	83	%	EPA 625	-88	-88	0.1	112	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Dimethyl phthalate	n/a	=	37.2	µg/L	EPA 625	0.26	2			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Dimethyl phthalate	n/a	=	35.7	µg/L	EPA 625	0.26	2			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Dimethyl phthalate	n/a	=	71	%	EPA 625	-88	-88	0.1	112	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625	-88	-88	0.1	112	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Dimethyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Di-n-butylphthalate	n/a	=	70.1	µg/L	EPA 625	0.53	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Di-n-butylphthalate	n/a	=	140	%	EPA 625	-88	-88	1	118	EUM
2009/10-3	Lab	method blank	2/20/2010	Organic	Di-n-butylphthalate	n/a	DNQ	0.76	µg/L	EPA 625	0.53	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Di-n-butylphthalate	n/a	=	62.5	µg/L	EPA 625	0.53	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Di-n-butylphthalate	n/a	=	62.1	µg/L	EPA 625	0.53	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Di-n-butylphthalate	n/a	=	121	%	EPA 625	-88	-88	1	118	GB
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Di-n-butylphthalate	n/a	=	122	%	EPA 625	-88	-88	1	118	GB
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Di-n-butylphthalate	n/a	=	0.8	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Di-n-octylphthalate	n/a	=	46.8	µg/L	EPA 625	0.28	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Di-n-octylphthalate	n/a	=	94	%	EPA 625	-88	-88	6	146	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	method blank	2/20/2010	Organic	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Di-n-octylphthalate	n/a	=	41.2	µg/L	EPA 625	0.28	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Di-n-octylphthalate	n/a	=	41.7	µg/L	EPA 625	0.28	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Di-n-octylphthalate	n/a	=	83	%	EPA 625	-88	-88	6	146	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Di-n-octylphthalate	n/a	=	82	%	EPA 625	-88	-88	6	146	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Di-n-octylphthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Fluoranthene	n/a	=	4.66	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Fluoranthene	n/a	=	4.71	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Fluoranthene	n/a	=	94	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Fluoranthene	n/a	=	93	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Fluoranthene	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Fluoranthene	n/a	=	4.19	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Fluoranthene	n/a	=	4.21	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Fluoranthene	n/a	=	84	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Fluoranthene	n/a	=	84	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Fluoranthene	n/a	=	0.5	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Fluorene	n/a	=	4.33	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Fluorene	n/a	=	4.18	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Fluorene	n/a	=	84	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Fluorene	n/a	=	87	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Fluorene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Fluorene	n/a	=	3.88	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Fluorene	n/a	=	3.65	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Fluorene	n/a	=	73	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Fluorene	n/a	=	78	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Fluorene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Hexachlorobenzene	n/a	=	53.1	µg/L	EPA 625	0.15	1			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Hexachlorobenzene	n/a	=	106	%	EPA 625	-88	-88	0.1	152	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Hexachlorobenzene	n/a	=	49	µg/L	EPA 625	0.15	1			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Hexachlorobenzene	n/a	=	47.3	µg/L	EPA 625	0.15	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Hexachlorobenzene	n/a	=	95	%	EPA 625	-88	-88	0.1	152	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Hexachlorobenzene	n/a	=	98	%	EPA 625	-88	-88	0.1	152	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Hexachlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Hexachlorobutadiene	n/a	=	37.2	µg/L	EPA 625	0.41	1			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Hexachlorobutadiene	n/a	=	74	%	EPA 625	-88	-88	24	116	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Hexachlorobutadiene	n/a	=	38.2	µg/L	EPA 625	0.41	1			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Hexachlorobutadiene	n/a	=	30.4	µg/L	EPA 625	0.41	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Hexachlorobutadiene	n/a	=	61	%	EPA 625	-88	-88	24	116	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Hexachlorobutadiene	n/a	=	76	%	EPA 625	-88	-88	24	116	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Hexachlorobutadiene	n/a	=	23	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Hexachlorocyclopentadiene	n/a	DNQ	3.68	µg/L	EPA 625	0	10			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Hexachlorocyclopentadiene	n/a	=	7	%	EPA 625	-88	-88	0.1	136	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Hexachlorocyclopentadiene	n/a	DNQ	6.46	µg/L	EPA 625	5	10			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Hexachlorocyclopentadiene	n/a	DNQ	4.74	µg/L	EPA 625	0	10			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Hexachlorocyclopentadiene	n/a	=	9	%	EPA 625	-88	-88	0.1	146	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Hexachlorocyclopentadiene	n/a	=	13	%	EPA 625	-88	-88	0.1	146	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Hexachlorocyclopentadiene	n/a	=	31	%	EPA 625	-88	-88	0	30	IL
2009/10-3	Lab	LCS	2/20/2010	Organic	Hexachloroethane	n/a	=	33.6	µg/L	EPA 625	0.36	1			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Hexachloroethane	n/a	=	67	%	EPA 625	-88	-88	40	113	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Hexachloroethane	n/a	=	33.8	µg/L	EPA 625	0.36	1			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Hexachloroethane	n/a	=	26	µg/L	EPA 625	0.36	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Hexachloroethane	n/a	=	52	%	EPA 625	-88	-88	40	113	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Hexachloroethane	n/a	=	68	%	EPA 625	-88	-88	40	113	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Hexachloroethane	n/a	=	26	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.59	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	4.53	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	91	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	112	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	21	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.69	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.09	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	122	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	114	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Isophorone	n/a	=	42.5	µg/L	EPA 625	0.33	1			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Isophorone	n/a	=	85	%	EPA 625	-88	-88	21	196	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Isophorone	n/a	=	38.6	µg/L	EPA 625	0.33	1			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Isophorone	n/a	=	36.8	µg/L	EPA 625	0.33	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Isophorone	n/a	=	74	%	EPA 625	-88	-88	21	196	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Isophorone	n/a	=	77	%	EPA 625	-88	-88	21	196	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Isophorone	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/9/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.47	µg/L	EPA 524.2	1.1	3			X
2009/10-3	Lab	LCS dup	2/9/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.44	µg/L	EPA 524.2	1.1	3			X
2009/10-3	Lab	LCS dup, rec	2/9/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	107	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	LCS, rec	2/9/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	108	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	LCS, RPD	2/9/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.5	%	EPA 524.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/9/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3			X
2009/10-3	Lab	method blank	2/11/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3			X
2009/10-3	Lab	LCS	2/12/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.4	µg/L	EPA 524.2	1.1	3			X
2009/10-3	Lab	LCS dup	2/12/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.24	µg/L	EPA 524.2	1.1	3			X
2009/10-3	Lab	LCS dup, rec	2/12/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	104	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	LCS, rec	2/12/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	107	%	EPA 524.2	-88	-88	70	130	X
2009/10-3	Lab	LCS, RPD	2/12/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	3	%	EPA 524.2	-88	-88	0	30	X
2009/10-3	MO-OJA	field duplicate	2/12/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3			X
2009/10-3	Lab	LCS	2/16/2010	Organic	Naphthalene	n/a	=	3.94	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Naphthalene	n/a	=	3.84	µg/L	EPA 8270Cm	0.11	0.5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Naphthalene	n/a	=	77	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Naphthalene	n/a	=	79	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Naphthalene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Naphthalene	n/a	=	3.64	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Naphthalene	n/a	=	2.91	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Naphthalene	n/a	=	58	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Naphthalene	n/a	=	73	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Naphthalene	n/a	=	22	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	Nitrobenzene	n/a	=	44.7	µg/L	EPA 625	0.37	1			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	Nitrobenzene	n/a	=	89	%	EPA 625	-88	-88	35	180	X
2009/10-3	Lab	method blank	2/20/2010	Organic	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	Nitrobenzene	n/a	=	40.5	µg/L	EPA 625	0.37	1			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	Nitrobenzene	n/a	=	37.6	µg/L	EPA 625	0.37	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	Nitrobenzene	n/a	=	75	%	EPA 625	-88	-88	35	180	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	Nitrobenzene	n/a	=	81	%	EPA 625	-88	-88	35	180	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	Nitrobenzene	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	srgt LCS	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	8.94	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	8.55	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	Lab	srgt LCS, rec	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	89	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	Lab	srgt method blank	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	7.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	Lab	srgt LCS	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	44.8	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt LCS, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	34	139	X
2009/10-3	Lab	srgt method blank	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	43.3	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625	-88	-88	34	139	X
2009/10-3	ME-CC	srgt environ	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	8.26	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	ME-CC	srgt environ	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	42.5	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 625	-88	-88	34	139	X
2009/10-3	ME-VR2	srgt environ	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	8.57	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	ME-VR2	srgt environ	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	35.4	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 625	-88	-88	34	139	X
2009/10-3	ME-VR2	srgt matrix spike	3/17/2010	Organic	Nitrobenzene-d5	n/a	=	8.25	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt matrix spike dup	3/17/2010	Organic	Nitrobenzene-d5	n/a	=	8.42	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt matrix spike dup, rec	3/17/2010	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	ME-VR2	srgt matrix spike, rec	3/17/2010	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	MO-CAM	srgt environ	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	8.55	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	MO-CAM	srgt environ	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	40.6	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625	-88	-88	34	139	X
2009/10-3	MO-MEI	srgt environ	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	8.46	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	MO-MEI	srgt environ	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	45.1	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	34	139	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-OJA	srgt environ	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	8.84	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	MO-OJA	srgt environ	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	48.9	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	98	%	EPA 625	-88	-88	34	139	X
2009/10-3	MO-VEN	srgt environ	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	8.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/16/2010	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3	MO-VEN	srgt environ	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	41.1	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	82	%	EPA 625	-88	-88	34	139	X
2009/10-3	MO-VEN	srgt matrix spike	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	40.5	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	37.2	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	34	139	X
2009/10-3	MO-VEN	srgt matrix spike, rec	2/20/2010	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 625	-88	-88	34	139	X
2009/10-3	Lab	LCS	2/20/2010	Organic	N-Nitrosodimethylamine	n/a	=	33.2	µg/L	EPA 625	0.36	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	N-Nitrosodimethylamine	n/a	=	66	%	EPA 625	-88	-88	27	78	X
2009/10-3	Lab	method blank	2/20/2010	Organic	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	N-Nitrosodimethylamine	n/a	=	33.6	µg/L	EPA 625	0.36	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	N-Nitrosodimethylamine	n/a	=	30	µg/L	EPA 625	0.36	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	N-Nitrosodimethylamine	n/a	=	60	%	EPA 625	-88	-88	22	70	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	N-Nitrosodimethylamine	n/a	=	67	%	EPA 625	-88	-88	22	70	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	N-Nitrosodimethylamine	n/a	=	11	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	47.3	µg/L	EPA 625	0.41	5			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	95	%	EPA 625	-88	-88	0.1	230	X
2009/10-3	Lab	method blank	2/20/2010	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	42.9	µg/L	EPA 625	0.41	5			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	41	µg/L	EPA 625	0.41	5			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625	-88	-88	0.1	230	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	86	%	EPA 625	-88	-88	0.1	230	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/20/2010	Organic	N-Nitrosodiphenylamine	n/a	=	52.4	µg/L	EPA 625	0.23	1			X
2009/10-3	Lab	LCS, rec	2/20/2010	Organic	N-Nitrosodiphenylamine	n/a	=	105	%	EPA 625	-88	-88	48	129	X
2009/10-3	Lab	method blank	2/20/2010	Organic	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1			X
2009/10-3	MO-VEN	matrix spike	2/20/2010	Organic	N-Nitrosodiphenylamine	n/a	=	47.9	µg/L	EPA 625	0.23	1			X
2009/10-3	MO-VEN	matrix spike dup	2/20/2010	Organic	N-Nitrosodiphenylamine	n/a	=	45.7	µg/L	EPA 625	0.23	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/20/2010	Organic	N-Nitrosodiphenylamine	n/a	=	91	%	EPA 625	-88	-88	17	138	X
2009/10-3	MO-VEN	matrix spike, rec	2/20/2010	Organic	N-Nitrosodiphenylamine	n/a	=	96	%	EPA 625	-88	-88	17	138	X
2009/10-3	MO-VEN	matrix spike, RPD	2/20/2010	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-3	Lab	srgt LCS	2/17/2010	Organic	Perylene-d12	n/a	=	4.77	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup	2/17/2010	Organic	Perylene-d12	n/a	=	4.44	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	2/17/2010	Organic	Perylene-d12	n/a	=	89	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	Lab	srgt LCS, rec	2/17/2010	Organic	Perylene-d12	n/a	=	95	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	Lab	srgt method blank	2/17/2010	Organic	Perylene-d12	n/a	=	4.3	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/17/2010	Organic	Perylene-d12	n/a	=	86	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	ME-CC	srgt environ	2/17/2010	Organic	Perylene-d12	n/a	=	3.5	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/17/2010	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	ME-VR2	srgt environ	2/17/2010	Organic	Perylene-d12	n/a	=	3.69	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/17/2010	Organic	Perylene-d12	n/a	=	74	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	MO-CAM	srgt environ	2/17/2010	Organic	Perylene-d12	n/a	=	3.94	µg/L	EPA 525.2	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-CAM	srgt environ, rec	2/17/2010	Organic	Perylene-d12	n/a	=	79	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	MO-MEI	srgt environ	2/17/2010	Organic	Perylene-d12	n/a	=	3.21	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/17/2010	Organic	Perylene-d12	n/a	=	64	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	MO-OJA	srgt environ	2/17/2010	Organic	Perylene-d12	n/a	=	3.69	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/17/2010	Organic	Perylene-d12	n/a	=	74	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	MO-VEN	srgt environ	2/17/2010	Organic	Perylene-d12	n/a	=	3.28	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/17/2010	Organic	Perylene-d12	n/a	=	66	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	MO-VEN	srgt matrix spike	2/24/2010	Organic	Perylene-d12	n/a	=	3.25	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup	2/24/2010	Organic	Perylene-d12	n/a	=	3.47	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup, rec	2/24/2010	Organic	Perylene-d12	n/a	=	69	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	MO-VEN	srgt matrix spike, rec	2/24/2010	Organic	Perylene-d12	n/a	=	65	%	EPA 525.2	-88	-88	48	141	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Phenanthrene	n/a	=	4.37	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Phenanthrene	n/a	=	4.32	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Phenanthrene	n/a	=	86	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Phenanthrene	n/a	=	87	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Phenanthrene	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Phenanthrene	n/a	=	4	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Phenanthrene	n/a	=	3.85	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Phenanthrene	n/a	=	77	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Phenanthrene	n/a	=	80	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Phenanthrene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Phenol	n/a	=	1.44	µg/L	EPA 8270Cm	0.35	1			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Phenol	n/a	=	1.47	µg/L	EPA 8270Cm	0.35	1			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Phenol	n/a	=	29	%	EPA 8270Cm	-88	-88	36	65	EUM
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Phenol	n/a	=	29	%	EPA 8270Cm	-88	-88	36	65	EUM
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Phenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			X
2009/10-3	Lab	srgt LCS	2/16/2010	Organic	Phenol-d5	n/a	=	5.24	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup	2/16/2010	Organic	Phenol-d5	n/a	=	5.18	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	2/16/2010	Organic	Phenol-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3	Lab	srgt LCS, rec	2/16/2010	Organic	Phenol-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3	Lab	srgt method blank	2/16/2010	Organic	Phenol-d5	n/a	=	4.68	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/16/2010	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3	Lab	srgt LCS	2/20/2010	Organic	Phenol-d5	n/a	=	33.7	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt LCS, rec	2/20/2010	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	2	70	X
2009/10-3	Lab	srgt method blank	2/20/2010	Organic	Phenol-d5	n/a	=	33.9	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/20/2010	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	2	70	X
2009/10-3	ME-CC	srgt environ	2/17/2010	Organic	Phenol-d5	n/a	=	4.56	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/17/2010	Organic	Phenol-d5	n/a	=	22	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3	ME-CC	srgt environ	2/20/2010	Organic	Phenol-d5	n/a	=	28.8	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/20/2010	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	X
2009/10-3	ME-VR2	srgt environ	2/17/2010	Organic	Phenol-d5	n/a	=	4.64	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/17/2010	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3	ME-VR2	srgt environ	2/20/2010	Organic	Phenol-d5	n/a	=	26.9	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/20/2010	Organic	Phenol-d5	n/a	=	27	%	EPA 625	-88	-88	2	70	X
2009/10-3	MO-CAM	srgt environ	2/17/2010	Organic	Phenol-d5	n/a	=	4.58	µg/L	EPA 8270Cm	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-CAM	srgt environ, rec	2/17/2010	Organic	Phenol-d5	n/a	=	23	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3	MO-CAM	srgt environ	2/20/2010	Organic	Phenol-d5	n/a	=	31.5	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/20/2010	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	2	70	X
2009/10-3	MO-MEI	srgt environ	2/17/2010	Organic	Phenol-d5	n/a	=	5.05	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/17/2010	Organic	Phenol-d5	n/a	=	25	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3	MO-MEI	srgt environ	2/20/2010	Organic	Phenol-d5	n/a	=	31.1	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/20/2010	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	X
2009/10-3	MO-OJA	srgt environ	2/17/2010	Organic	Phenol-d5	n/a	=	4.98	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/17/2010	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3	MO-OJA	srgt environ	2/20/2010	Organic	Phenol-d5	n/a	=	36.7	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/20/2010	Organic	Phenol-d5	n/a	=	37	%	EPA 625	-88	-88	2	70	X
2009/10-3	MO-VEN	srgt environ	2/17/2010	Organic	Phenol-d5	n/a	=	4.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/17/2010	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3	MO-VEN	srgt environ	2/20/2010	Organic	Phenol-d5	n/a	=	31.9	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/20/2010	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	2	70	X
2009/10-3	MO-VEN	srgt matrix spike	2/20/2010	Organic	Phenol-d5	n/a	=	30.3	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup	2/20/2010	Organic	Phenol-d5	n/a	=	29.2	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup, rec	2/20/2010	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	X
2009/10-3	MO-VEN	srgt matrix spike, rec	2/20/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	X
2009/10-3	Lab	srgt LCS	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	7.98	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	7.74	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	Lab	srgt LCS, rec	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	80	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	Lab	srgt method blank	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	7.45	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	Lab	srgt LCS	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	29.2	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt LCS, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	6	145	X
2009/10-3	Lab	srgt method blank	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	30.8	µg/L	EPA 625	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 625	-88	-88	6	145	X
2009/10-3	ME-CC	srgt environ	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	6.84	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	ME-CC	srgt environ	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	25	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	50	%	EPA 625	-88	-88	6	145	X
2009/10-3	ME-VR2	srgt environ	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	6.93	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	ME-VR2	srgt environ	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	20.4	µg/L	EPA 625	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	41	%	EPA 625	-88	-88	6	145	X
2009/10-3	ME-VR2	srgt matrix spike	3/17/2010	Organic	p-Terphenyl-d14	n/a	=	5.09	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt matrix spike dup	3/17/2010	Organic	p-Terphenyl-d14	n/a	=	5.14	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	ME-VR2	srgt matrix spike dup, rec	3/17/2010	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	ME-VR2	srgt matrix spike, rec	3/17/2010	Organic	p-Terphenyl-d14	n/a	=	51	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	MO-CAM	srgt environ	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	6.95	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	69	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	MO-CAM	srgt environ	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	22.1	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	44	%	EPA 625	-88	-88	6	145	X
2009/10-3	MO-MEI	srgt environ	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	6.57	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270Cm	-88	-88	19	134	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-MEI	srgt environ	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	22.8	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	46	%	EPA 625	-88	-88	6	145	X
2009/10-3	MO-OJA	srgt environ	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	6.85	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	67	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	MO-OJA	srgt environ	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	26	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	52	%	EPA 625	-88	-88	6	145	X
2009/10-3	MO-VEN	srgt environ	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	6.63	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/16/2010	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-3	MO-VEN	srgt environ	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	21	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	42	%	EPA 625	-88	-88	6	145	X
2009/10-3	MO-VEN	srgt matrix spike	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	28.9	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	26.8	µg/L	EPA 625	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	54	%	EPA 625	-88	-88	6	145	X
2009/10-3	MO-VEN	srgt matrix spike, rec	2/20/2010	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 625	-88	-88	6	145	X
2009/10-3	Lab	LCS	2/16/2010	Organic	Pyrene	n/a	=	4.7	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-3	Lab	LCS dup	2/16/2010	Organic	Pyrene	n/a	=	4.74	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-3	Lab	LCS dup, rec	2/16/2010	Organic	Pyrene	n/a	=	95	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-3	Lab	LCS, rec	2/16/2010	Organic	Pyrene	n/a	=	94	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-3	Lab	LCS, RPD	2/16/2010	Organic	Pyrene	n/a	=	0.8	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/16/2010	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-3	ME-VR2	matrix spike	3/17/2010	Organic	Pyrene	n/a	=	4.11	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-3	ME-VR2	matrix spike dup	3/17/2010	Organic	Pyrene	n/a	=	4.23	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-3	ME-VR2	matrix spike dup, rec	3/17/2010	Organic	Pyrene	n/a	=	85	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-3	ME-VR2	matrix spike, rec	3/17/2010	Organic	Pyrene	n/a	=	82	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-3	ME-VR2	matrix spike, RPD	3/17/2010	Organic	Pyrene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3	Lab	srgt LCS	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0523	µg/L	EPA 608	-88	-88			X
2009/10-3	Lab	srgt LCS dup	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0469	µg/L	EPA 608	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 608	-88	-88	26	131	X
2009/10-3	Lab	srgt LCS, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	52	%	EPA 608	-88	-88	26	131	X
2009/10-3	Lab	srgt method blank	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0467	µg/L	EPA 608	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 608	-88	-88	26	131	X
2009/10-3	ME-CC	srgt environ	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0392	µg/L	EPA 608	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	35	%	EPA 608	-88	-88	26	131	X
2009/10-3	ME-CC	srgt matrix spike	3/12/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0864	µg/L	EPA 608	-88	-88			X
2009/10-3	ME-CC	srgt matrix spike dup	3/12/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0824	µg/L	EPA 608	-88	-88			X
2009/10-3	ME-CC	srgt matrix spike dup, rec	3/12/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	82	%	EPA 608	-88	-88	26	131	X
2009/10-3	ME-CC	srgt matrix spike, rec	3/12/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	86	%	EPA 608	-88	-88	26	131	X
2009/10-3	ME-VR2	srgt environ	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.038	µg/L	EPA 608	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	38	%	EPA 608	-88	-88	26	131	X
2009/10-3	MO-CAM	srgt environ	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.047	µg/L	EPA 608	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 608	-88	-88	26	131	X
2009/10-3	MO-MEI	srgt environ	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0456	µg/L	EPA 608	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	46	%	EPA 608	-88	-88	26	131	X
2009/10-3	MO-OJA	srgt environ	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0421	µg/L	EPA 608	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	42	%	EPA 608	-88	-88	26	131	X
2009/10-3	MO-VEN	srgt environ	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0475	µg/L	EPA 608	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	47	%	EPA 608	-88	-88	26	131	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	srgt LCS	2/17/2010	Organic	Triphenylphosphate	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup	2/17/2010	Organic	Triphenylphosphate	n/a	=	4.7	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	2/17/2010	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	Lab	srgt LCS, rec	2/17/2010	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	Lab	srgt method blank	2/17/2010	Organic	Triphenylphosphate	n/a	=	4.46	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	2/17/2010	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	Lab	srgt LCS	3/3/2010	Organic	Triphenylphosphate	n/a	=	0.608	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup	3/3/2010	Organic	Triphenylphosphate	n/a	=	0.568	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	114	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	Lab	srgt LCS, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	Lab	srgt method blank	3/3/2010	Organic	Triphenylphosphate	n/a	=	0.601	µg/L	EPA 525.2	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	120	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	ME-CC	srgt environ	2/17/2010	Organic	Triphenylphosphate	n/a	=	4.78	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	2/17/2010	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	ME-CC	srgt environ	3/3/2010	Organic	Triphenylphosphate	n/a	=	0.563	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-CC	srgt environ, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	ME-VR2	srgt environ	2/17/2010	Organic	Triphenylphosphate	n/a	=	4.59	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	2/17/2010	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	ME-VR2	srgt environ	3/3/2010	Organic	Triphenylphosphate	n/a	=	0.48	µg/L	EPA 525.2	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-CAM	srgt environ	2/17/2010	Organic	Triphenylphosphate	n/a	=	4.52	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	2/17/2010	Organic	Triphenylphosphate	n/a	=	90	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-CAM	srgt environ	3/3/2010	Organic	Triphenylphosphate	n/a	=	0.564	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	113	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-MEI	srgt environ	2/17/2010	Organic	Triphenylphosphate	n/a	=	4.45	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	2/17/2010	Organic	Triphenylphosphate	n/a	=	89	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-MEI	srgt environ	3/3/2010	Organic	Triphenylphosphate	n/a	=	0.401	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	80	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-OJA	srgt environ	2/17/2010	Organic	Triphenylphosphate	n/a	=	4.31	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	2/17/2010	Organic	Triphenylphosphate	n/a	=	86	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-OJA	srgt environ	3/3/2010	Organic	Triphenylphosphate	n/a	=	0.406	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	81	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-VEN	srgt environ	2/17/2010	Organic	Triphenylphosphate	n/a	=	4.38	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	2/17/2010	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-VEN	srgt matrix spike	2/24/2010	Organic	Triphenylphosphate	n/a	=	4.84	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup	2/24/2010	Organic	Triphenylphosphate	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt matrix spike dup, rec	2/24/2010	Organic	Triphenylphosphate	n/a	=	98	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-VEN	srgt matrix spike, rec	2/24/2010	Organic	Triphenylphosphate	n/a	=	97	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	MO-VEN	srgt environ	3/3/2010	Organic	Triphenylphosphate	n/a	=	0.39	µg/L	EPA 525.2	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	78	%	EPA 525.2	-88	-88	71	150	X
2009/10-3	Lab	srgt LCS	3/4/2010	PCB	PCB 209	n/a	=	0.0795	µg/L	EPA 608	-88	-88			X
2009/10-3	Lab	srgt LCS dup	3/4/2010	PCB	PCB 209	n/a	=	0.0781	µg/L	EPA 608	-88	-88			X
2009/10-3	Lab	srgt LCS dup, rec	3/4/2010	PCB	PCB 209	n/a	=	78	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	Lab	srgt LCS, rec	3/4/2010	PCB	PCB 209	n/a	=	79	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	Lab	srgt method blank	3/4/2010	PCB	PCB 209	n/a	=	0.076	µg/L	EPA 608	-88	-88			X
2009/10-3	Lab	srgt method blank, rec	3/4/2010	PCB	PCB 209	n/a	=	76	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	ME-CC	srgt environ	3/4/2010	PCB	PCB 209	n/a	=	0.051	µg/L	EPA 608	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-CC	srgt environ, rec	3/4/2010	PCB	PCB 209	n/a	=	46	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	ME-CC	srgt matrix spike	3/12/2010	PCB	PCB 209	n/a	=	0.077	µg/L	EPA 608	-88	-88			X
2009/10-3	ME-CC	srgt matrix spike dup	3/12/2010	PCB	PCB 209	n/a	=	0.0678	µg/L	EPA 608	-88	-88			X
2009/10-3	ME-CC	srgt matrix spike dup, rec	3/12/2010	PCB	PCB 209	n/a	=	68	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	ME-CC	srgt matrix spike, rec	3/12/2010	PCB	PCB 209	n/a	=	77	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	ME-VR2	srgt environ	3/4/2010	PCB	PCB 209	n/a	=	0.0414	µg/L	EPA 608	-88	-88			X
2009/10-3	ME-VR2	srgt environ, rec	3/4/2010	PCB	PCB 209	n/a	=	41	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	MO-CAM	srgt environ	3/4/2010	PCB	PCB 209	n/a	=	0.0614	µg/L	EPA 608	-88	-88			X
2009/10-3	MO-CAM	srgt environ, rec	3/4/2010	PCB	PCB 209	n/a	=	61	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	MO-MEI	srgt environ	3/4/2010	PCB	PCB 209	n/a	=	0.0347	µg/L	EPA 608	-88	-88			X
2009/10-3	MO-MEI	srgt environ, rec	3/4/2010	PCB	PCB 209	n/a	=	35	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	MO-OJA	srgt environ	3/4/2010	PCB	PCB 209	n/a	=	0.053	µg/L	EPA 608	-88	-88			X
2009/10-3	MO-OJA	srgt environ, rec	3/4/2010	PCB	PCB 209	n/a	=	53	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	MO-VEN	srgt environ	3/4/2010	PCB	PCB 209	n/a	=	0.0583	µg/L	EPA 608	-88	-88			X
2009/10-3	MO-VEN	srgt environ, rec	3/4/2010	PCB	PCB 209	n/a	=	58	%	EPA 608	-88	-88	0.1	154	X
2009/10-3	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			X
2009/10-3	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			X
2009/10-3	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			X
2009/10-3	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			X
2009/10-3	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			X
2009/10-3	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			X
2009/10-3	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	2,4,5-T	n/a	=	1.54	µg/L	EPA 515.3	0.05	0.2			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	2,4,5-T	n/a	=	77	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	2,4,5-T	n/a	=	1.84	µg/L	EPA 515.3	0.05	0.2			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	2,4,5-T	n/a	=	1.75	µg/L	EPA 515.3	0.05	0.2			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	2,4,5-T	n/a	=	88	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	2,4,5-T	n/a	=	92	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	2,4,5-T	n/a	=	5	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	2,4,5-TP	n/a	=	1.79	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	2,4,5-TP	n/a	=	89	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	2,4,5-TP	n/a	=	2.12	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	2,4,5-TP	n/a	=	1.74	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	2,4,5-TP	n/a	=	87	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	2,4,5-TP	n/a	=	106	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	2,4,5-TP	n/a	=	20	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	2,4-D	n/a	=	1.59	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	2,4-D	n/a	=	80	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	2,4-D	n/a	=	2.12	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	2,4-D	n/a	=	2.25	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	2,4-D	n/a	=	112	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	2,4-D	n/a	=	106	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	2,4-D	n/a	=	6	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	2,4-DB	n/a	=	2.06	µg/L	EPA 515.3	0.42	2			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	2,4-DB	n/a	=	103	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	2,4-DB	n/a	=	12.7	µg/L	EPA 515.3	0.42	2			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	2,4-DB	n/a	=	1.74	µg/L	EPA 515.3	0.42	1			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	2,4-DB	n/a	=	87	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	2,4-DB	n/a	=	636	%	EPA 515.3	-88	-88	70	130	GB
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	2,4-DB	n/a	=	152	%	EPA 515.3	-88	-88	0	30	IL
2009/10-3	Lab	method blank	3/4/2010	Pesticide	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01			X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01			X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01			X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1.42	µg/L	EPA 515.3	0.08	1			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	71	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1.54	µg/L	EPA 515.3	0.08	1			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1.48	µg/L	EPA 515.3	0.08	1			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	74	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	77	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	4	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	4,4'-DDD	n/a	=	0.0647	µg/L	EPA 608	0.003	0.05			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	4,4'-DDD	n/a	=	0.0641	µg/L	EPA 608	0.003	0.05			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	4,4'-DDD	n/a	=	64	%	EPA 608	-88	-88	30	141	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	4,4'-DDD	n/a	=	65	%	EPA 608	-88	-88	30	141	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	4,4'-DDD	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	4,4'-DDD	n/a	=	0.101	µg/L	EPA 608	0.003	0.05			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	4,4'-DDD	n/a	=	0.0986	µg/L	EPA 608	0.003	0.05			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	4,4'-DDD	n/a	=	99	%	EPA 608	-88	-88	31	141	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	4,4'-DDD	n/a	=	101	%	EPA 608	-88	-88	31	141	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	4,4'-DDD	n/a	=	3	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	4,4'-DDE	n/a	=	0.0651	µg/L	EPA 608	0.0025	0.05			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	4,4'-DDE	n/a	=	0.0645	µg/L	EPA 608	0.0025	0.05			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	4,4'-DDE	n/a	=	64	%	EPA 608	-88	-88	30	145	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	4,4'-DDE	n/a	=	65	%	EPA 608	-88	-88	30	145	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	4,4'-DDE	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	4,4'-DDE	n/a	=	0.12	µg/L	EPA 608	0.0025	0.05			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	4,4'-DDE	n/a	=	0.111	µg/L	EPA 608	0.0025	0.05			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	4,4'-DDE	n/a	=	80	%	EPA 608	-88	-88	30	145	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	4,4'-DDE	n/a	=	89	%	EPA 608	-88	-88	30	145	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	4,4'-DDE	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	4,4'-DDT	n/a	=	0.0928	µg/L	EPA 608	0.0031	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	4,4'-DDT	n/a	=	0.0852	µg/L	EPA 608	0.0031	0.01			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	4,4'-DDT	n/a	=	85	%	EPA 608	-88	-88	25	160	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	4,4'-DDT	n/a	=	93	%	EPA 608	-88	-88	25	160	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	4,4'-DDT	n/a	=	9	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	4,4'-DDT	n/a	=	0.114	µg/L	EPA 608	0.0031	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	4,4'-DDT	n/a	=	0.111	µg/L	EPA 608	0.0031	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	4,4'-DDT	n/a	=	87	%	EPA 608	-88	-88	25	160	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	4,4'-DDT	n/a	=	90	%	EPA 608	-88	-88	25	160	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	4,4'-DDT	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	Acifluorfen	n/a	=	1.98	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	Acifluorfen	n/a	=	99	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	Acifluorfen	n/a	=	2.39	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	Acifluorfen	n/a	=	2.46	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	Acifluorfen	n/a	=	123	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	Acifluorfen	n/a	=	119	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	Acifluorfen	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Alachlor	n/a	=	4.6	µg/L	EPA 525.2	0.07	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Alachlor	n/a	=	4.83	µg/L	EPA 525.2	0.07	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Alachlor	n/a	=	97	%	EPA 525.2	-88	-88	58	164	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Alachlor	n/a	=	92	%	EPA 525.2	-88	-88	58	164	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Alachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Alachlor	n/a	=	4.6	µg/L	EPA 525.2	0.07	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Alachlor	n/a	=	4.77	µg/L	EPA 525.2	0.07	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Alachlor	n/a	=	95	%	EPA 525.2	-88	-88	58	177	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Alachlor	n/a	=	92	%	EPA 525.2	-88	-88	58	177	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Alachlor	n/a	=	4	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	Aldrin	n/a	=	0.0629	µg/L	EPA 608	0.0015	0.005			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	Aldrin	n/a	=	0.0635	µg/L	EPA 608	0.0015	0.005			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	Aldrin	n/a	=	63	%	EPA 608	-88	-88	42	122	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	Aldrin	n/a	=	63	%	EPA 608	-88	-88	42	122	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	Aldrin	n/a	=	0.9	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	Aldrin	n/a	=	0.0874	µg/L	EPA 608	0.0015	0.005			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	Aldrin	n/a	=	0.0924	µg/L	EPA 608	0.0015	0.005			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	Aldrin	n/a	=	92	%	EPA 608	-88	-88	42	122	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	Aldrin	n/a	=	87	%	EPA 608	-88	-88	42	122	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	Aldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	alpha-BHC	n/a	=	0.0584	µg/L	EPA 608	0.0018	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	alpha-BHC	n/a	=	0.0563	µg/L	EPA 608	0.0018	0.01			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	alpha-BHC	n/a	=	56	%	EPA 608	-88	-88	37	134	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	alpha-BHC	n/a	=	58	%	EPA 608	-88	-88	37	134	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	alpha-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	alpha-BHC	n/a	=	0.0834	µg/L	EPA 608	0.0018	0.01			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	alpha-BHC	n/a	=	0.0802	µg/L	EPA 608	0.0018	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	alpha-BHC	n/a	=	80	%	EPA 608	-88	-88	37	134	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	alpha-BHC	n/a	=	83	%	EPA 608	-88	-88	37	134	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	alpha-BHC	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	0.0697	µg/L	EPA 608	0.0013	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	0.0687	µg/L	EPA 608	0.0013	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	69	%	EPA 608	-88	-88	70	130	EUM
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	70	%	EPA 608	-88	-88	70	130	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	alpha-Chlordane	n/a	<	0.0013	µg/L	EPA 608	0.0013	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	alpha-Chlordane	n/a	=	0.0894	µg/L	EPA 608	0.0013	0.01			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	alpha-Chlordane	n/a	=	0.1	µg/L	EPA 608	0.0013	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	alpha-Chlordane	n/a	=	100	%	EPA 608	-88	-88	60	130	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	alpha-Chlordane	n/a	=	89	%	EPA 608	-88	-88	60	130	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	alpha-Chlordane	n/a	=	12	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Atrazine	n/a	=	5.28	µg/L	EPA 525.2	0.047	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Atrazine	n/a	=	5.02	µg/L	EPA 525.2	0.047	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Atrazine	n/a	=	100	%	EPA 525.2	-88	-88	68	133	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Atrazine	n/a	=	106	%	EPA 525.2	-88	-88	68	133	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Atrazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Atrazine	n/a	=	4.35	µg/L	EPA 525.2	0.047	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Atrazine	n/a	=	4.95	µg/L	EPA 525.2	0.047	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Atrazine	n/a	=	99	%	EPA 525.2	-88	-88	53	142	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Atrazine	n/a	=	87	%	EPA 525.2	-88	-88	53	142	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Atrazine	n/a	=	13	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Azinphos methyl	n/a	=	0.15	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Azinphos methyl	n/a	=	0.147	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Azinphos methyl	n/a	=	294	%	EPA 525.2	-88	-88	53	303	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Azinphos methyl	n/a	=	299	%	EPA 525.2	-88	-88	53	303	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Azinphos methyl	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	Bentazon	n/a	=	1.41	µg/L	EPA 515.3	0.23	1			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	Bentazon	n/a	=	70	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	Bentazon	n/a	=	1.47	µg/L	EPA 515.3	0.23	1			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	Bentazon	n/a	=	2.28	µg/L	EPA 515.3	0.23	2			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	Bentazon	n/a	=	114	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	Bentazon	n/a	=	74	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	Bentazon	n/a	=	43	%	EPA 515.3	-88	-88	0	30	IL
2009/10-3	Lab	LCS	3/4/2010	Pesticide	beta-BHC	n/a	=	0.0653	µg/L	EPA 608	0.0031	0.005			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	beta-BHC	n/a	=	0.0638	µg/L	EPA 608	0.0031	0.005			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	beta-BHC	n/a	=	64	%	EPA 608	-88	-88	14	147	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	beta-BHC	n/a	=	65	%	EPA 608	-88	-88	14	147	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	beta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	beta-BHC	n/a	=	0.0934	µg/L	EPA 608	0.0031	0.005			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	beta-BHC	n/a	=	0.095	µg/L	EPA 608	0.0031	0.005			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	beta-BHC	n/a	=	95	%	EPA 608	-88	-88	17	147	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	beta-BHC	n/a	=	93	%	EPA 608	-88	-88	17	147	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	beta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Bolstar	n/a	=	0.0463	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Bolstar	n/a	=	0.0445	µg/L	EPA 525.2	0.0046	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Bolstar	n/a	=	89	%	EPA 525.2	-88	-88	70	214	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Bolstar	n/a	=	93	%	EPA 525.2	-88	-88	70	214	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Bolstar	n/a	=	4	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Bromacil	n/a	=	4.77	µg/L	EPA 525.2	0.9	1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Bromacil	n/a	=	4.83	µg/L	EPA 525.2	0.9	1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Bromacil	n/a	=	97	%	EPA 525.2	-88	-88	43	177	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Bromacil	n/a	=	95	%	EPA 525.2	-88	-88	43	177	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Bromacil	n/a	=	1	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Bromacil	n/a	=	4.67	µg/L	EPA 525.2	0.9	1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Bromacil	n/a	=	4.79	µg/L	EPA 525.2	0.9	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Bromacil	n/a	=	96	%	EPA 525.2	-88	-88	71	182	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Bromacil	n/a	=	93	%	EPA 525.2	-88	-88	71	182	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Bromacil	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Butachlor	n/a	=	5.16	µg/L	EPA 525.2	0.1	0.2			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Butachlor	n/a	=	5.28	µg/L	EPA 525.2	0.1	0.2			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Butachlor	n/a	=	106	%	EPA 525.2	-88	-88	55	178	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Butachlor	n/a	=	103	%	EPA 525.2	-88	-88	55	178	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Butachlor	n/a	=	2	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Butachlor	n/a	=	4.48	µg/L	EPA 525.2	0.1	0.2			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Butachlor	n/a	=	5.07	µg/L	EPA 525.2	0.1	0.2			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Butachlor	n/a	=	101	%	EPA 525.2	-88	-88	67	181	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Butachlor	n/a	=	90	%	EPA 525.2	-88	-88	67	181	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Butachlor	n/a	=	12	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Captan	n/a	=	4.89	µg/L	EPA 525.2	0.86	1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Captan	n/a	=	4.51	µg/L	EPA 525.2	0.86	1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Captan	n/a	=	90	%	EPA 525.2	-88	-88	20	215	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Captan	n/a	=	98	%	EPA 525.2	-88	-88	20	215	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Captan	n/a	=	8	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Captan	n/a	=	5.97	µg/L	EPA 525.2	0.86	1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Captan	n/a	=	6.1	µg/L	EPA 525.2	0.86	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Captan	n/a	=	122	%	EPA 525.2	-88	-88	45	182	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Captan	n/a	=	119	%	EPA 525.2	-88	-88	45	182	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Captan	n/a	=	2	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Chloropropham	n/a	=	5.46	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Chloropropham	n/a	=	5.28	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Chloropropham	n/a	=	106	%	EPA 525.2	-88	-88	74	133	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Chloropropham	n/a	=	109	%	EPA 525.2	-88	-88	74	133	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Chloropropham	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Chloropropham	n/a	=	5.86	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Chloropropham	n/a	=	5.95	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Chloropropham	n/a	=	119	%	EPA 525.2	-88	-88	76	137	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Chloropropham	n/a	=	117	%	EPA 525.2	-88	-88	76	137	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Chloropropham	n/a	=	2	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Chlorpyrifos	n/a	=	0.0606	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Chlorpyrifos	n/a	=	0.0573	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Chlorpyrifos	n/a	=	115	%	EPA 525.2	-88	-88	70	131	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Chlorpyrifos	n/a	=	121	%	EPA 525.2	-88	-88	70	131	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Chlorpyrifos	n/a	=	6	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Coumaphos	n/a	=	0.0777	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Coumaphos	n/a	=	0.0754	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Coumaphos	n/a	=	151	%	EPA 525.2	-88	-88	70	271	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Coumaphos	n/a	=	155	%	EPA 525.2	-88	-88	70	271	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Coumaphos	n/a	=	3	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Cyanazine	n/a	=	4.83	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Cyanazine	n/a	=	4.63	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Cyanazine	n/a	=	93	%	EPA 525.2	-88	-88	69	131	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Cyanazine	n/a	=	97	%	EPA 525.2	-88	-88	69	131	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Cyanazine	n/a	=	4	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Cyanazine	n/a	=	1.17	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Cyanazine	n/a	=	1.66	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Cyanazine	n/a	=	33	%	EPA 525.2	-88	-88	26	145	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Cyanazine	n/a	=	23	%	EPA 525.2	-88	-88	26	145	GB
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Cyanazine	n/a	=	35	%	EPA 525.2	-88	-88	0	30	IL
2009/10-3	Lab	LCS	2/23/2010	Pesticide	Dalapon	n/a	=	1.87	µg/L	EPA 515.3	0.04	0.4			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	Dalapon	n/a	=	1.89	µg/L	EPA 515.3	0.04	0.4			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	Dalapon	n/a	=	1.9	µg/L	EPA 515.3	0.04	0.4			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	Dalapon	n/a	=	95	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	Dalapon	n/a	=	0.2	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	DCPA (Dacthal)	n/a	=	1.44	µg/L	EPA 515.3	0.02	0.1			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	DCPA (Dacthal)	n/a	=	72	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	DCPA (Dacthal)	n/a	=	3.67	µg/L	EPA 515.3	0.02	0.1			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	DCPA (Dacthal)	n/a	=	3.85	µg/L	EPA 515.3	0.02	0.1			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	DCPA (Dacthal)	n/a	=	68	%	EPA 515.3	-88	-88	70	130	GB
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	DCPA (Dacthal)	n/a	=	59	%	EPA 515.3	-88	-88	70	130	GB
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	DCPA (Dacthal)	n/a	=	5	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	delta-BHC	n/a	=	0.0627	µg/L	EPA 608	0.0025	0.005			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	delta-BHC	n/a	=	0.0618	µg/L	EPA 608	0.0025	0.005			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	delta-BHC	n/a	=	62	%	EPA 608	-88	-88	19	140	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	delta-BHC	n/a	=	63	%	EPA 608	-88	-88	19	140	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	delta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	delta-BHC	n/a	=	0.0926	µg/L	EPA 608	0.0025	0.005			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	delta-BHC	n/a	=	0.0959	µg/L	EPA 608	0.0025	0.005			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	delta-BHC	n/a	=	96	%	EPA 608	-88	-88	19	140	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	delta-BHC	n/a	=	93	%	EPA 608	-88	-88	19	140	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	delta-BHC	n/a	=	3	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Demeton-O	n/a	=	0.0555	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Demeton-O	n/a	=	0.0568	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Demeton-O	n/a	=	114	%	EPA 525.2	-88	-88	37	295	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Demeton-O	n/a	=	111	%	EPA 525.2	-88	-88	37	295	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Demeton-O	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Demeton-S	n/a	=	0.0501	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Demeton-S	n/a	=	0.0551	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Demeton-S	n/a	=	110	%	EPA 525.2	-88	-88	70	159	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Demeton-S	n/a	=	100	%	EPA 525.2	-88	-88	70	159	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Demeton-S	n/a	=	10	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Diazinon	n/a	=	0.0576	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Diazinon	n/a	=	0.0557	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Diazinon	n/a	=	111	%	EPA 525.2	-88	-88	70	163	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Diazinon	n/a	=	115	%	EPA 525.2	-88	-88	70	163	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Diazinon	n/a	=	3	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	Dicamba	n/a	=	2.26	µg/L	EPA 515.3	0.08	0.6			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	Dicamba	n/a	=	113	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	Dicamba	n/a	=	1.78	µg/L	EPA 515.3	0.08	0.6			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	Dicamba	n/a	=	2.24	µg/L	EPA 515.3	0.08	0.6			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	Dicamba	n/a	=	112	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	Dicamba	n/a	=	89	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	Dicamba	n/a	=	23	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	Dichlorprop	n/a	=	1.99	µg/L	EPA 515.3	0.06	0.3			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	Dichlorprop	n/a	=	99	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	Dichlorprop	n/a	=	2.17	µg/L	EPA 515.3	0.06	0.3			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	Dichlorprop	n/a	=	2.27	µg/L	EPA 515.3	0.06	0.3			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	Dichlorprop	n/a	=	113	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	Dichlorprop	n/a	=	108	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	Dichlorprop	n/a	=	5	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Dichlorvos	n/a	=	0.0624	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Dichlorvos	n/a	=	0.065	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Dichlorvos	n/a	=	130	%	EPA 525.2	-88	-88	70	161	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Dichlorvos	n/a	=	125	%	EPA 525.2	-88	-88	70	161	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Dichlorvos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	Dieldrin	n/a	=	0.0714	µg/L	EPA 608	0.0021	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	Dieldrin	n/a	=	0.0703	µg/L	EPA 608	0.0021	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	Dieldrin	n/a	=	70	%	EPA 608	-88	-88	36	146	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	Dieldrin	n/a	=	71	%	EPA 608	-88	-88	36	146	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	Dieldrin	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	Dieldrin	n/a	=	0.0983	µg/L	EPA 608	0.0021	0.01			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	Dieldrin	n/a	=	0.0914	µg/L	EPA 608	0.0021	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	Dieldrin	n/a	=	91	%	EPA 608	-88	-88	36	146	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	Dieldrin	n/a	=	98	%	EPA 608	-88	-88	36	146	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	Dieldrin	n/a	=	7	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Dimethoate	n/a	=	0.0662	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Dimethoate	n/a	=	0.0606	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Dimethoate	n/a	=	121	%	EPA 525.2	-88	-88	70	352	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Dimethoate	n/a	=	132	%	EPA 525.2	-88	-88	70	352	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Dimethoate	n/a	=	9	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	Dinoseb	n/a	=	1.65	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	Dinoseb	n/a	=	82	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	Dinoseb	n/a	=	1.97	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	Dinoseb	n/a	=	1.8	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	Dinoseb	n/a	=	90	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	Dinoseb	n/a	=	99	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	Dinoseb	n/a	=	9	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Diphenamid	n/a	=	4.98	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Diphenamid	n/a	=	4.92	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Diphenamid	n/a	=	98	%	EPA 525.2	-88	-88	82	144	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	82	144	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Diphenamid	n/a	=	1	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Diphenamid	n/a	=	4.71	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Diphenamid	n/a	=	4.87	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Diphenamid	n/a	=	97	%	EPA 525.2	-88	-88	86	130	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Diphenamid	n/a	=	94	%	EPA 525.2	-88	-88	86	130	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Diphenamid	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Disulfoton	n/a	=	0.0418	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Disulfoton	n/a	=	0.0353	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Disulfoton	n/a	=	71	%	EPA 525.2	-88	-88	56	269	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Disulfoton	n/a	=	84	%	EPA 525.2	-88	-88	56	269	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Disulfoton	n/a	=	17	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	Endosulfan I	n/a	=	0.0655	µg/L	EPA 608	0.0017	0.02			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	Endosulfan I	n/a	=	0.0642	µg/L	EPA 608	0.0017	0.02			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	Endosulfan I	n/a	=	64	%	EPA 608	-88	-88	45	153	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	Endosulfan I	n/a	=	66	%	EPA 608	-88	-88	45	153	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	Endosulfan I	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	Endosulfan I	n/a	=	0.0887	µg/L	EPA 608	0.0017	0.02			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	Endosulfan I	n/a	=	0.0964	µg/L	EPA 608	0.0017	0.02			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	Endosulfan I	n/a	=	96	%	EPA 608	-88	-88	45	153	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	Endosulfan I	n/a	=	89	%	EPA 608	-88	-88	45	153	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	Endosulfan I	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	Endosulfan II	n/a	=	0.0721	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	Endosulfan II	n/a	=	0.0712	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	Endosulfan II	n/a	=	71	%	EPA 608	-88	-88	2	202	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	Endosulfan II	n/a	=	72	%	EPA 608	-88	-88	2	202	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	Endosulfan II	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	Endosulfan II	n/a	=	0.0854	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	Endosulfan II	n/a	=	0.0887	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	Endosulfan II	n/a	=	89	%	EPA 608	-88	-88	2	202	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	Endosulfan II	n/a	=	85	%	EPA 608	-88	-88	2	202	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	Endosulfan II	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	0.0749	µg/L	EPA 608	0.008	0.05			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	0.0741	µg/L	EPA 608	0.008	0.05			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	74	%	EPA 608	-88	-88	26	144	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	75	%	EPA 608	-88	-88	26	144	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	Endosulfan sulfate	n/a	=	0.108	µg/L	EPA 608	0.008	0.05			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	Endosulfan sulfate	n/a	=	0.106	µg/L	EPA 608	0.008	0.05			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	Endosulfan sulfate	n/a	=	106	%	EPA 608	-88	-88	26	144	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	Endosulfan sulfate	n/a	=	108	%	EPA 608	-88	-88	26	144	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	Endosulfan sulfate	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	Endrin	n/a	=	0.0598	µg/L	EPA 608	0.0028	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	Endrin	n/a	=	0.0595	µg/L	EPA 608	0.0028	0.01			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	Endrin	n/a	=	59	%	EPA 608	-88	-88	30	147	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	Endrin	n/a	=	60	%	EPA 608	-88	-88	30	147	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	Endrin	n/a	=	0.6	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	Endrin	n/a	=	0.119	µg/L	EPA 608	0.0028	0.01			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	Endrin	n/a	=	0.109	µg/L	EPA 608	0.0028	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	Endrin	n/a	=	109	%	EPA 608	-88	-88	30	147	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	Endrin	n/a	=	119	%	EPA 608	-88	-88	30	147	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	Endrin	n/a	=	9	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	0.051	µg/L	EPA 608	0.003	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	0.0506	µg/L	EPA 608	0.003	0.01			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	51	%	EPA 608	-88	-88	41	203	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	51	%	EPA 608	-88	-88	41	203	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	0.8	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	Endrin aldehyde	n/a	=	0.213	µg/L	EPA 608	0.003	0.01			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	Endrin aldehyde	n/a	=	0.196	µg/L	EPA 608	0.003	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	Endrin aldehyde	n/a	=	196	%	EPA 608	-88	-88	30	180	GB
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	Endrin aldehyde	n/a	=	213	%	EPA 608	-88	-88	30	180	GB

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	Endrin aldehyde	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	EPTC	n/a	=	4.78	µg/L	EPA 525.2	0.23	1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	EPTC	n/a	=	4.85	µg/L	EPA 525.2	0.23	1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	EPTC	n/a	=	97	%	EPA 525.2	-88	-88	75	110	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	EPTC	n/a	=	96	%	EPA 525.2	-88	-88	75	110	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	EPTC	n/a	=	4.71	µg/L	EPA 525.2	0.23	1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	EPTC	n/a	=	4.72	µg/L	EPA 525.2	0.23	1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	67	119	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	67	119	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	EPTC	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Ethoprop	n/a	=	0.0545	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Ethoprop	n/a	=	0.0551	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Ethoprop	n/a	=	110	%	EPA 525.2	-88	-88	70	155	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Ethoprop	n/a	=	109	%	EPA 525.2	-88	-88	70	155	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Ethoprop	n/a	=	1	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Ethyl parathion	n/a	=	0.0553	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Ethyl parathion	n/a	=	0.0556	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Ethyl parathion	n/a	=	111	%	EPA 525.2	-88	-88	70	242	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Ethyl parathion	n/a	=	111	%	EPA 525.2	-88	-88	70	242	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Ethyl parathion	n/a	=	0.5	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Fensulfothion	n/a	=	0.0807	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Fensulfothion	n/a	=	0.0753	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Fensulfothion	n/a	=	151	%	EPA 525.2	-88	-88	70	169	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Fensulfothion	n/a	=	161	%	EPA 525.2	-88	-88	70	169	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Fensulfothion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Fenthion	n/a	=	0.0579	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Fenthion	n/a	=	0.0541	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Fenthion	n/a	=	108	%	EPA 525.2	-88	-88	70	163	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Fenthion	n/a	=	116	%	EPA 525.2	-88	-88	70	163	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Fenthion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0611	µg/L	EPA 608	0.0021	0.02			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.059	µg/L	EPA 608	0.0021	0.02			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	59	%	EPA 608	-88	-88	32	127	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	61	%	EPA 608	-88	-88	32	127	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0861	µg/L	EPA 608	0.0021	0.02			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0867	µg/L	EPA 608	0.0021	0.02			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	87	%	EPA 608	-88	-88	32	127	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608	-88	-88	32	127	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.7	%	EPA 608	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	0.0664	µg/L	EPA 608	0.0014	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	0.066	µg/L	EPA 608	0.0014	0.01			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	66	%	EPA 608	-88	-88	70	130	EUM
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	66	%	EPA 608	-88	-88	70	130	EUM
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	0.5	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	gamma-Chlordane	n/a	<	0.0014	µg/L	EPA 608	0.0014	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	gamma-Chlordane	n/a	=	0.0895	µg/L	EPA 608	0.0014	0.01			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	gamma-Chlordane	n/a	=	0.0968	µg/L	EPA 608	0.0014	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	gamma-Chlordane	n/a	=	97	%	EPA 608	-88	-88	60	130	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	gamma-Chlordane	n/a	=	89	%	EPA 608	-88	-88	60	130	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	gamma-Chlordane	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-3	000NONPJ	matrix spike	2/8/2010	Pesticide	Glyphosate	n/a	=	21.5	µg/L	EPA 547	1.8	5			X
2009/10-3	000NONPJ	matrix spike dup	2/8/2010	Pesticide	Glyphosate	n/a	=	18.1	µg/L	EPA 547	1.8	5			X
2009/10-3	000NONPJ	matrix spike dup, rec	2/8/2010	Pesticide	Glyphosate	n/a	=	72	%	EPA 547	-88	-88	68	134	X
2009/10-3	000NONPJ	matrix spike, rec	2/8/2010	Pesticide	Glyphosate	n/a	=	86	%	EPA 547	-88	-88	68	134	X
2009/10-3	000NONPJ	matrix spike, RPD	2/8/2010	Pesticide	Glyphosate	n/a	=	17	%	EPA 547	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/8/2010	Pesticide	Glyphosate	n/a	=	23	µg/L	EPA 547	1.8	5			X
2009/10-3	Lab	LCS, rec	2/8/2010	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	71	137	X
2009/10-3	Lab	method blank	2/8/2010	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			X
2009/10-3	MO-CAM	matrix spike	2/8/2010	Pesticide	Glyphosate	n/a	=	29.8	µg/L	EPA 547	1.8	5			X
2009/10-3	MO-CAM	matrix spike dup	2/8/2010	Pesticide	Glyphosate	n/a	=	28.2	µg/L	EPA 547	1.8	5			X
2009/10-3	MO-CAM	matrix spike dup, rec	2/8/2010	Pesticide	Glyphosate	n/a	=	98	%	EPA 547	-88	-88	68	134	X
2009/10-3	MO-CAM	matrix spike, rec	2/8/2010	Pesticide	Glyphosate	n/a	=	104	%	EPA 547	-88	-88	68	134	X
2009/10-3	MO-CAM	matrix spike, RPD	2/8/2010	Pesticide	Glyphosate	n/a	=	6	%	EPA 547	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	Heptachlor	n/a	=	0.0633	µg/L	EPA 608	0.0017	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	Heptachlor	n/a	=	0.0624	µg/L	EPA 608	0.0017	0.01			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	Heptachlor	n/a	=	62	%	EPA 608	-88	-88	34	111	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	Heptachlor	n/a	=	63	%	EPA 608	-88	-88	34	111	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	Heptachlor	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	Heptachlor	n/a	=	0.0869	µg/L	EPA 608	0.0017	0.01			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	Heptachlor	n/a	=	0.0874	µg/L	EPA 608	0.0017	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	Heptachlor	n/a	=	87	%	EPA 608	-88	-88	34	111	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	Heptachlor	n/a	=	87	%	EPA 608	-88	-88	34	111	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	Heptachlor	n/a	=	0.7	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	0.0696	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	Lab	LCS dup	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	0.0683	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	Lab	LCS dup, rec	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	68	%	EPA 608	-88	-88	37	142	X
2009/10-3	Lab	LCS, rec	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	70	%	EPA 608	-88	-88	37	142	X
2009/10-3	Lab	LCS, RPD	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	ME-CC	matrix spike	3/12/2010	Pesticide	Heptachlor epoxide	n/a	=	0.0901	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	ME-CC	matrix spike dup	3/12/2010	Pesticide	Heptachlor epoxide	n/a	=	0.0957	µg/L	EPA 608	0.0019	0.01			X
2009/10-3	ME-CC	matrix spike dup, rec	3/12/2010	Pesticide	Heptachlor epoxide	n/a	=	96	%	EPA 608	-88	-88	37	142	X
2009/10-3	ME-CC	matrix spike, rec	3/12/2010	Pesticide	Heptachlor epoxide	n/a	=	90	%	EPA 608	-88	-88	37	142	X
2009/10-3	ME-CC	matrix spike, RPD	3/12/2010	Pesticide	Heptachlor epoxide	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Malathion	n/a	=	0.0534	µg/L	EPA 525.2	0.0076	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Malathion	n/a	=	0.0269	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Malathion	n/a	=	54	%	EPA 525.2	-88	-88	70	208	EUM
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Malathion	n/a	=	107	%	EPA 525.2	-88	-88	70	208	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Malathion	n/a	=	66	%	EPA 525.2	-88	-88	0	25	IL
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Merphos	n/a	=	0.114	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Merphos	n/a	=	0.0972	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Merphos	n/a	=	194	%	EPA 525.2	-88	-88	70	161	EUM
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Merphos	n/a	=	228	%	EPA 525.2	-88	-88	70	161	EUM
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Merphos	n/a	=	16	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Methyl parathion	n/a	=	0.0643	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Methyl parathion	n/a	=	0.0638	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Methyl parathion	n/a	=	128	%	EPA 525.2	-88	-88	70	229	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Methyl parathion	n/a	=	129	%	EPA 525.2	-88	-88	70	229	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Methyl parathion	n/a	=	0.8	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Metolachlor	n/a	=	4.64	µg/L	EPA 525.2	0.056	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Metolachlor	n/a	=	4.88	µg/L	EPA 525.2	0.056	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Metolachlor	n/a	=	98	%	EPA 525.2	-88	-88	55	170	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Metolachlor	n/a	=	93	%	EPA 525.2	-88	-88	55	170	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Metolachlor	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Metolachlor	n/a	=	4.49	µg/L	EPA 525.2	0.056	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Metolachlor	n/a	=	4.86	µg/L	EPA 525.2	0.056	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Metolachlor	n/a	=	97	%	EPA 525.2	-88	-88	53	178	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Metolachlor	n/a	=	90	%	EPA 525.2	-88	-88	53	178	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Metolachlor	n/a	=	8	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Metribuzin	n/a	=	4.48	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Metribuzin	n/a	=	4.72	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Metribuzin	n/a	=	94	%	EPA 525.2	-88	-88	44	149	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Metribuzin	n/a	=	90	%	EPA 525.2	-88	-88	44	149	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Metribuzin	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Metribuzin	n/a	=	2.84	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Metribuzin	n/a	=	3.26	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Metribuzin	n/a	=	65	%	EPA 525.2	-88	-88	64	155	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Metribuzin	n/a	=	57	%	EPA 525.2	-88	-88	64	155	GB
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Metribuzin	n/a	=	14	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Mevinphos	n/a	=	0.0493	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Mevinphos	n/a	=	0.048	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Mevinphos	n/a	=	96	%	EPA 525.2	-88	-88	70	148	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Mevinphos	n/a	=	99	%	EPA 525.2	-88	-88	70	148	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Mevinphos	n/a	=	3	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Molinate	n/a	=	4.9	µg/L	EPA 525.2	0.051	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Molinate	n/a	=	4.94	µg/L	EPA 525.2	0.051	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Molinate	n/a	=	99	%	EPA 525.2	-88	-88	76	116	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	76	116	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Molinate	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Molinate	n/a	=	5.05	µg/L	EPA 525.2	0.051	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Molinate	n/a	=	5.04	µg/L	EPA 525.2	0.051	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Molinate	n/a	=	101	%	EPA 525.2	-88	-88	68	125	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Molinate	n/a	=	101	%	EPA 525.2	-88	-88	68	125	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Molinate	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Naled	n/a	=	0.0685	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Naled	n/a	=	0.0587	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Naled	n/a	=	117	%	EPA 525.2	-88	-88	70	299	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Naled	n/a	=	137	%	EPA 525.2	-88	-88	70	299	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Naled	n/a	=	15	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	Pentachlorophenol	n/a	=	2.09	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	Pentachlorophenol	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	Pentachlorophenol	n/a	=	2.12	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	Pentachlorophenol	n/a	=	2.12	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	Pentachlorophenol	n/a	=	106	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	Pentachlorophenol	n/a	=	106	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	Pentachlorophenol	n/a	=	0.05	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Phorate	n/a	=	0.039	µg/L	EPA 525.2	0.003	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Phorate	n/a	=	0.0396	µg/L	EPA 525.2	0.003	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Phorate	n/a	=	79	%	EPA 525.2	-88	-88	70	243	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Phorate	n/a	=	78	%	EPA 525.2	-88	-88	70	243	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Phorate	n/a	=	1	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			X
2009/10-3	Lab	LCS	2/23/2010	Pesticide	Picloram	n/a	=	1.85	µg/L	EPA 515.3	0.34	0.6			X
2009/10-3	Lab	LCS, rec	2/23/2010	Pesticide	Picloram	n/a	=	92	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	Lab	method blank	2/23/2010	Pesticide	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6			X
2009/10-3	ME-CC	matrix spike	2/23/2010	Pesticide	Picloram	n/a	=	2.18	µg/L	EPA 515.3	0.34	0.6			X
2009/10-3	ME-CC	matrix spike dup	2/23/2010	Pesticide	Picloram	n/a	=	2.23	µg/L	EPA 515.3	0.34	0.6			X
2009/10-3	ME-CC	matrix spike dup, rec	2/23/2010	Pesticide	Picloram	n/a	=	111	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, rec	2/23/2010	Pesticide	Picloram	n/a	=	109	%	EPA 515.3	-88	-88	70	130	X
2009/10-3	ME-CC	matrix spike, RPD	2/23/2010	Pesticide	Picloram	n/a	=	2	%	EPA 515.3	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Prometon	n/a	=	3.51	µg/L	EPA 525.2	0.16	0.2			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Prometon	n/a	=	3.54	µg/L	EPA 525.2	0.16	0.2			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Prometon	n/a	=	71	%	EPA 525.2	-88	-88	6	110	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Prometon	n/a	=	70	%	EPA 525.2	-88	-88	6	110	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Prometon	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Prometon	n/a	=	3.37	µg/L	EPA 525.2	0.16	0.2			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Prometon	n/a	=	3.55	µg/L	EPA 525.2	0.16	0.2			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Prometon	n/a	=	71	%	EPA 525.2	-88	-88	5	148	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Prometon	n/a	=	67	%	EPA 525.2	-88	-88	5	148	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Prometon	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Prometryn	n/a	=	4.66	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Prometryn	n/a	=	4.79	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Prometryn	n/a	=	96	%	EPA 525.2	-88	-88	34	152	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Prometryn	n/a	=	93	%	EPA 525.2	-88	-88	34	152	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Prometryn	n/a	=	4.31	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Prometryn	n/a	=	4.37	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	44	169	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Prometryn	n/a	=	86	%	EPA 525.2	-88	-88	44	169	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Prometryn	n/a	=	1	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0529	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0481	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	96	%	EPA 525.2	-88	-88	70	145	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	106	%	EPA 525.2	-88	-88	70	145	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	9	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Simazine	n/a	=	4.24	µg/L	EPA 525.2	0.083	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Simazine	n/a	=	4.32	µg/L	EPA 525.2	0.083	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Simazine	n/a	=	86	%	EPA 525.2	-88	-88	54	156	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Simazine	n/a	=	85	%	EPA 525.2	-88	-88	54	156	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Simazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Simazine	n/a	=	3.05	µg/L	EPA 525.2	0.083	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Simazine	n/a	=	3.65	µg/L	EPA 525.2	0.083	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Simazine	n/a	=	73	%	EPA 525.2	-88	-88	53	152	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Simazine	n/a	=	61	%	EPA 525.2	-88	-88	53	152	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Simazine	n/a	=	18	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0813	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.0752	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	150	%	EPA 525.2	-88	-88	70	278	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	163	%	EPA 525.2	-88	-88	70	278	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	8	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Terbacil	n/a	=	4.98	µg/L	EPA 525.2	0.55	2			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Terbacil	n/a	=	4.99	µg/L	EPA 525.2	0.55	2			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	66	140	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Terbacil	n/a	=	100	%	EPA 525.2	-88	-88	66	140	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Terbacil	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Terbacil	n/a	=	5.03	µg/L	EPA 525.2	0.55	2			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Terbacil	n/a	=	5.33	µg/L	EPA 525.2	0.55	2			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Terbacil	n/a	=	107	%	EPA 525.2	-88	-88	56	159	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	56	159	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Terbacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Thiobencarb	n/a	=	4.37	µg/L	EPA 525.2	0.11	0.2			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Thiobencarb	n/a	=	4.46	µg/L	EPA 525.2	0.11	0.2			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Thiobencarb	n/a	=	89	%	EPA 525.2	-88	-88	57	162	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Thiobencarb	n/a	=	87	%	EPA 525.2	-88	-88	57	162	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Thiobencarb	n/a	=	2	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Thiobencarb	n/a	=	4.24	µg/L	EPA 525.2	0.11	0.2			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Thiobencarb	n/a	=	4.6	µg/L	EPA 525.2	0.11	0.2			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Thiobencarb	n/a	=	92	%	EPA 525.2	-88	-88	71	160	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Thiobencarb	n/a	=	85	%	EPA 525.2	-88	-88	71	160	X
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Thiobencarb	n/a	=	8	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Tokuthion	n/a	=	0.0536	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Tokuthion	n/a	=	0.0528	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Tokuthion	n/a	=	106	%	EPA 525.2	-88	-88	70	122	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Tokuthion	n/a	=	107	%	EPA 525.2	-88	-88	70	122	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Tokuthion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-3	Lab	method blank	3/4/2010	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			X
2009/10-3	Lab	LCS	3/3/2010	Pesticide	Trichloronate	n/a	=	0.0527	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3	Lab	LCS dup	3/3/2010	Pesticide	Trichloronate	n/a	=	0.0486	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3	Lab	LCS dup, rec	3/3/2010	Pesticide	Trichloronate	n/a	=	97	%	EPA 525.2	-88	-88	70	122	X
2009/10-3	Lab	LCS, rec	3/3/2010	Pesticide	Trichloronate	n/a	=	105	%	EPA 525.2	-88	-88	70	122	X
2009/10-3	Lab	LCS, RPD	3/3/2010	Pesticide	Trichloronate	n/a	=	8	%	EPA 525.2	-88	-88	0	25	X
2009/10-3	Lab	method blank	3/3/2010	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3	Lab	LCS	2/17/2010	Pesticide	Trithion	n/a	=	4.04	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	Lab	LCS dup	2/17/2010	Pesticide	Trithion	n/a	=	4.41	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	Lab	LCS dup, rec	2/17/2010	Pesticide	Trithion	n/a	=	88	%	EPA 525.2	-88	-88	62	149	X
2009/10-3	Lab	LCS, rec	2/17/2010	Pesticide	Trithion	n/a	=	81	%	EPA 525.2	-88	-88	62	149	X
2009/10-3	Lab	LCS, RPD	2/17/2010	Pesticide	Trithion	n/a	=	9	%	EPA 525.2	-88	-88	0	30	X
2009/10-3	Lab	method blank	2/17/2010	Pesticide	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	MO-VEN	matrix spike	2/24/2010	Pesticide	Trithion	n/a	=	3.87	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	MO-VEN	matrix spike dup	2/24/2010	Pesticide	Trithion	n/a	=	4.71	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3	MO-VEN	matrix spike dup, rec	2/24/2010	Pesticide	Trithion	n/a	=	94	%	EPA 525.2	-88	-88	86	144	X
2009/10-3	MO-VEN	matrix spike, rec	2/24/2010	Pesticide	Trithion	n/a	=	77	%	EPA 525.2	-88	-88	86	144	GB
2009/10-3	MO-VEN	matrix spike, RPD	2/24/2010	Pesticide	Trithion	n/a	=	20	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike	3/2/2010	Anion	Chloride	n/a	=	137	mg/L	EPA 300.0	0.25	2.5			X
2009/10-3A	000NONPJ	matrix spike	3/2/2010	Anion	Chloride	n/a	=	251	mg/L	EPA 300.0	1	10			X
2009/10-3A	000NONPJ	matrix spike dup	3/2/2010	Anion	Chloride	n/a	=	136	mg/L	EPA 300.0	0.25	2.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/2/2010	Anion	Chloride	n/a	=	252	mg/L	EPA 300.0	1	10			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/2/2010	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	72	118	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/2/2010	Anion	Chloride	n/a	=	91	%	EPA 300.0	-88	-88	72	118	X
2009/10-3A	000NONPJ	matrix spike, rec	3/2/2010	Anion	Chloride	n/a	=	95	%	EPA 300.0	-88	-88	72	118	X
2009/10-3A	000NONPJ	matrix spike, rec	3/2/2010	Anion	Chloride	n/a	=	107	%	EPA 300.0	-88	-88	72	118	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/2/2010	Anion	Chloride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/2/2010	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	X
2009/10-3A	Lab	LCS	3/2/2010	Anion	Chloride	n/a	=	3.73	mg/L	EPA 300.0	0.05	0.5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS, rec	3/2/2010	Anion	Chloride	n/a	=	93	%	EPA 300.0	-88	-88	90	110	X
2009/10-3A	Lab	method blank	3/2/2010	Anion	Chloride	n/a	<	0.05	mg/L	EPA 300.0	0.05	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/2/2010	Anion	Fluoride	n/a	=	2.28	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/2/2010	Anion	Fluoride	n/a	=	2.22	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/2/2010	Anion	Fluoride	n/a	=	2.3	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/2/2010	Anion	Fluoride	n/a	=	2.23	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/2/2010	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	79	109	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/2/2010	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	79	109	X
2009/10-3A	000NONPJ	matrix spike, rec	3/2/2010	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	79	109	X
2009/10-3A	000NONPJ	matrix spike, rec	3/2/2010	Anion	Fluoride	n/a	=	92	%	EPA 300.0	-88	-88	79	109	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/2/2010	Anion	Fluoride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/2/2010	Anion	Fluoride	n/a	=	0.5	%	EPA 300.0	-88	-88	0	20	X
2009/10-3A	Lab	LCS	3/2/2010	Anion	Fluoride	n/a	=	1.88	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	90	110	X
2009/10-3A	Lab	method blank	3/2/2010	Anion	Fluoride	n/a	DNQ	0.014	mg/L	EPA 300.0	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Anion	Perchlorate	n/a	=	8.99	µg/L	EPA 314.0	0.82	2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Anion	Perchlorate	n/a	=	8.93	µg/L	EPA 314.0	0.82	2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Anion	Perchlorate	n/a	=	89	%	EPA 314.0	-88	-88	80	120	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Anion	Perchlorate	n/a	=	90	%	EPA 314.0	-88	-88	80	120	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Anion	Perchlorate	n/a	=	0.7	%	EPA 314.0	-88	-88	0	15	X
2009/10-3A	Lab	LCS	3/3/2010	Anion	Perchlorate	n/a	=	10.6	µg/L	EPA 314.0	0.82	2			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Anion	Perchlorate	n/a	=	106	%	EPA 314.0	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/3/2010	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Cation	Calcium	Total	=	129	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Cation	Calcium	Total	=	94.2	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Cation	Calcium	Total	=	93.7	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Cation	Calcium	Total	=	130	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Cation	Calcium	Total	=	99	%	EPA 200.7	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Cation	Calcium	Total	=	106	%	EPA 200.7	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Cation	Calcium	Total	=	105	%	EPA 200.7	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Cation	Calcium	Total	=	100	%	EPA 200.7	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Cation	Calcium	Total	=	0.4	%	EPA 200.7	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Cation	Calcium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Cation	Calcium	Total	=	48.7	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Cation	Calcium	Total	=	97	%	EPA 200.7	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/3/2010	Cation	Calcium	Total	DNQ	0.0286	mg/L	EPA 200.7	0.016	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Cation	Magnesium	Total	=	86.5	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Cation	Magnesium	Total	=	65.5	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Cation	Magnesium	Total	=	86	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Cation	Magnesium	Total	=	64.4	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Cation	Magnesium	Total	=	110	%	EPA 200.7	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Cation	Magnesium	Total	=	103	%	EPA 200.7	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Cation	Magnesium	Total	=	105	%	EPA 200.7	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Cation	Magnesium	Total	=	112	%	EPA 200.7	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Cation	Magnesium	Total	=	2	%	EPA 200.7	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Cation	Magnesium	Total	=	0.6	%	EPA 200.7	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Cation	Magnesium	Total	=	49.3	mg/L	EPA 200.7	0.012	0.1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS, rec	3/3/2010	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/3/2010	Cation	Magnesium	Total	DNQ	0.0165	mg/L	EPA 200.7	0.012	0.1			X
2009/10-3A	000NONPJ	lab duplicate	2/26/2010	Conventional	Alkalinity as CaCO3	n/a	=	723	mg/L	SM 2320 B	1.2	2		15	X
2009/10-3A	Lab	LCS	2/26/2010	Conventional	Alkalinity as CaCO3	n/a	=	264	mg/L	SM 2320 B	1.2	2			X
2009/10-3A	Lab	LCS, rec	2/26/2010	Conventional	Alkalinity as CaCO3	n/a	=	106	%	SM 2320 B	-88	-88	94	108	X
2009/10-3A	Lab	method blank	2/26/2010	Conventional	Alkalinity as CaCO3	n/a	=	6.57	mg/L	SM 2320 B	1.2	2			IP
2009/10-3A	Lab	LCS	3/1/2010	Conventional	BOD	n/a	=	172	mg/L	SM 5210 B	0.1	2			X
2009/10-3A	Lab	LCS, rec	3/1/2010	Conventional	BOD	n/a	=	87	%	SM 5210 B	-88	-88	85	115	X
2009/10-3A	000NONPJ	matrix spike	2/26/2010	Conventional	COD	n/a	=	228	mg/L	EPA 410.4	3.7	10			X
2009/10-3A	000NONPJ	matrix spike	2/26/2010	Conventional	COD	n/a	=	210	mg/L	EPA 410.4	3.7	10			X
2009/10-3A	000NONPJ	matrix spike dup	2/26/2010	Conventional	COD	n/a	=	210	mg/L	EPA 410.4	3.7	10			X
2009/10-3A	000NONPJ	matrix spike dup	2/26/2010	Conventional	COD	n/a	=	228	mg/L	EPA 410.4	3.7	10			X
2009/10-3A	000NONPJ	matrix spike dup, rec	2/26/2010	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike dup, rec	2/26/2010	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, rec	2/26/2010	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, rec	2/26/2010	Conventional	COD	n/a	=	105	%	EPA 410.4	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, RPD	2/26/2010	Conventional	COD	n/a	=	0.01	%	EPA 410.4	-88	-88	0	15	X
2009/10-3A	000NONPJ	matrix spike, RPD	2/26/2010	Conventional	COD	n/a	=	0.03	%	EPA 410.4	-88	-88	0	15	X
2009/10-3A	Lab	LCS	2/26/2010	Conventional	COD	n/a	=	102	mg/L	EPA 410.4	1.8	5			X
2009/10-3A	Lab	LCS, rec	2/26/2010	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	X
2009/10-3A	Lab	method blank	2/26/2010	Conventional	COD	n/a	<	1.8	mg/L	EPA 410.4	1.8	5			X
2009/10-3A	Lab	LCS	2/26/2010	Conventional	Cyanide	Total	=	0.0537	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3A	Lab	LCS, rec	2/26/2010	Conventional	Cyanide	Total	=	107	%	EPA 335.4	-88	-88	90	110	X
2009/10-3A	Lab	method blank	2/26/2010	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3A	ME-SCR	matrix spike	2/26/2010	Conventional	Cyanide	Total	=	0.184	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3A	ME-SCR	matrix spike dup	2/26/2010	Conventional	Cyanide	Total	=	0.18	mg/L	EPA 335.4	0.0027	0.005			X
2009/10-3A	ME-SCR	matrix spike dup, rec	2/26/2010	Conventional	Cyanide	Total	=	90	%	EPA 335.4	-88	-88	90	110	X
2009/10-3A	ME-SCR	matrix spike, rec	2/26/2010	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	X
2009/10-3A	ME-SCR	matrix spike, RPD	2/26/2010	Conventional	Cyanide	Total	=	2	%	EPA 335.4	-88	-88	0	20	X
2009/10-3A	000NONPJ	matrix spike	2/24/2010	Conventional	MBAS	n/a	=	0.182	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3A	000NONPJ	matrix spike dup	2/24/2010	Conventional	MBAS	n/a	=	0.189	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3A	000NONPJ	matrix spike dup, rec	2/24/2010	Conventional	MBAS	n/a	=	95	%	SM 5540 C	-88	-88	77	118	X
2009/10-3A	000NONPJ	matrix spike, rec	2/24/2010	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	77	118	X
2009/10-3A	000NONPJ	matrix spike, RPD	2/24/2010	Conventional	MBAS	n/a	=	4	%	SM 5540 C	-88	-88	0	20	X
2009/10-3A	Lab	LCS	2/24/2010	Conventional	MBAS	n/a	=	0.182	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3A	Lab	LCS, rec	2/24/2010	Conventional	MBAS	n/a	=	91	%	SM 5540 C	-88	-88	79	113	X
2009/10-3A	Lab	method blank	2/24/2010	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			X
2009/10-3A	000NONPJ	lab duplicate	2/22/2010	Conventional	pH	n/a	=	7.26	pH Units	SM 4500-H+ B	0.1	0.1		3.24	X
2009/10-3A	Lab	CRM	2/22/2010	Conventional	pH	n/a	=	6.86	pH Units	SM 4500-H+ B	0.1	0.1			X
2009/10-3A	Lab	CRM, rec	2/22/2010	Conventional	pH	n/a	=	100	%	SM 4500-H+ B	-88	-88	96.7	102	X
2009/10-3A	Lab	LCS	3/4/2010	Conventional	Phenolics	n/a	=	0.0965	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	X
2009/10-3A	Lab	method blank	3/4/2010	Conventional	Phenolics	n/a	<	0.0016	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Conventional	Phenolics	n/a	=	0.188	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Conventional	Phenolics	n/a	=	0.205	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Conventional	Phenolics	n/a	=	75	%	EPA 420.4	-88	-88	90	110	GB
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Conventional	Phenolics	n/a	=	67	%	EPA 420.4	-88	-88	90	110	GB

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Conventional	Phenolics	n/a	=	9	%	EPA 420.4	-88	-88	0	20	X
2009/10-3A	000NONPJ	lab duplicate	3/3/2010	Conventional	Specific Conductance	n/a	=	2.89	µmhos/cm	SM 2510 B	0.23	2		4.28	X
2009/10-3A	Lab	LCS	3/3/2010	Conventional	Specific Conductance	n/a	=	204	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Conventional	Specific Conductance	n/a	=	102	%	SM 2510 B	-88	-88	95	105	X
2009/10-3A	Lab	method blank	3/3/2010	Conventional	Specific Conductance	n/a	DNQ	0.36	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-3A	000NONPJ	lab duplicate	2/26/2010	Conventional	Total Dissolved Solids	n/a	=	429	mg/L	SM 2540 C	4	10		10	X
2009/10-3A	Lab	LCS	2/26/2010	Conventional	Total Dissolved Solids	n/a	=	825	mg/L	SM 2540 C	4	10			X
2009/10-3A	Lab	LCS, rec	2/26/2010	Conventional	Total Dissolved Solids	n/a	=	100	%	SM 2540 C	-88	-88	91	104	X
2009/10-3A	Lab	method blank	2/26/2010	Conventional	Total Dissolved Solids	n/a	DNQ	5	mg/L	SM 2540 C	4	10			X
2009/10-3A	000NONPJ	matrix spike	3/2/2010	Conventional	Total Organic Carbon	n/a	=	5.02	mg/L	SM 5310 C	0.032	0.3			X
2009/10-3A	000NONPJ	matrix spike dup	3/2/2010	Conventional	Total Organic Carbon	n/a	=	4.94	mg/L	SM 5310 C	0.032	0.3			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/2/2010	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	84	107	X
2009/10-3A	000NONPJ	matrix spike, rec	3/2/2010	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	84	107	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/2/2010	Conventional	Total Organic Carbon	n/a	=	2	%	SM 5310 C	-88	-88	0	20	X
2009/10-3A	Lab	LCS	3/2/2010	Conventional	Total Organic Carbon	n/a	=	4.83	mg/L	SM 5310 C	0.032	0.3			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Conventional	Total Organic Carbon	n/a	=	97	%	SM 5310 C	-88	-88	90	110	X
2009/10-3A	Lab	method blank	3/2/2010	Conventional	Total Organic Carbon	n/a	DNQ	0.0334	mg/L	SM 5310 C	0.032	0.3			X
2009/10-3A	000NONPJ	lab duplicate	2/24/2010	Conventional	Total Suspended Solids	n/a	=	57	mg/L	SM 2540 D	5	5		20	X
2009/10-3A	000NONPJ	lab duplicate	2/24/2010	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5		20	X
2009/10-3A	Lab	method blank	2/24/2010	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			X
2009/10-3A	000NONPJ	lab duplicate	2/23/2010	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-3A	Lab	LCS	2/23/2010	Conventional	Turbidity	n/a	=	6.19	NTU	EPA 180.1	0.04	0.1			X
2009/10-3A	Lab	LCS	2/23/2010	Conventional	Turbidity	n/a	=	6.11	NTU	EPA 180.1	0.04	0.1			X
2009/10-3A	Lab	LCS, rec	2/23/2010	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	X
2009/10-3A	Lab	LCS, rec	2/23/2010	Conventional	Turbidity	n/a	=	99	%	EPA 180.1	-88	-88	90	110	X
2009/10-3A	Lab	method blank	2/23/2010	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X
2009/10-3A	Lab	method blank	2/23/2010	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X
2009/10-3A	ME-SCR	lab duplicate	2/23/2010	Conventional	Turbidity	n/a	=	16.2	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-3A	000NONPJ	lab duplicate	2/27/2010	Conventional	Volatile Suspended Solids	n/a	=	220	mg/L	EPA 160.4	3.1	5		15	X
2009/10-3A	Lab	method blank	2/27/2010	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			X
2009/10-3A	Lab	LCS	3/3/2010	Hydrocarbon	Oil and Grease	n/a	DNQ	4.5	mg/L	EPA 1664A	2	5			X
2009/10-3A	Lab	LCS	3/3/2010	Hydrocarbon	Oil and Grease	n/a	=	18.1	mg/L	EPA 1664A	2	5			X
2009/10-3A	Lab	LCS dup	3/3/2010	Hydrocarbon	Oil and Grease	n/a	=	17.8	mg/L	EPA 1664A	2	5			X
2009/10-3A	Lab	LCS dup, rec	3/3/2010	Hydrocarbon	Oil and Grease	n/a	=	89	%	EPA 1664A	-88	-88	78	114	X
2009/10-3A	Lab	LCS, rec	3/3/2010	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	X
2009/10-3A	Lab	LCS, rec	3/3/2010	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	X
2009/10-3A	Lab	LCS, RPD	3/3/2010	Hydrocarbon	Oil and Grease	n/a	=	2	%	EPA 1664A	-88	-88	0	18	X
2009/10-3A	Lab	method blank	3/3/2010	Hydrocarbon	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5			X
2009/10-3A	Lab	LCS	3/3/2010	Hydrocarbon	TPH	n/a	=	11.4	mg/L	EPA 1664A	1.9	5			X
2009/10-3A	Lab	LCS	3/3/2010	Hydrocarbon	TPH	n/a	DNQ	2.6	mg/L	EPA 1664A	1.9	5			X
2009/10-3A	Lab	LCS dup	3/3/2010	Hydrocarbon	TPH	n/a	=	11.9	mg/L	EPA 1664A	1.9	5			X
2009/10-3A	Lab	LCS dup, rec	3/3/2010	Hydrocarbon	TPH	n/a	=	119	%	EPA 1664A	-88	-88	64	132	X
2009/10-3A	Lab	LCS, rec	3/3/2010	Hydrocarbon	TPH	n/a	=	104	%	EPA 1664A	-88	-88	64	132	X
2009/10-3A	Lab	LCS, rec	3/3/2010	Hydrocarbon	TPH	n/a	=	114	%	EPA 1664A	-88	-88	64	132	X
2009/10-3A	Lab	LCS, RPD	3/3/2010	Hydrocarbon	TPH	n/a	=	4	%	EPA 1664A	-88	-88	0	18	X
2009/10-3A	Lab	method blank	3/3/2010	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Aluminum	Dissolved	=	56.6	µg/L	EPA 200.8	0.19	5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Aluminum	Dissolved	=	57.3	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Aluminum	Dissolved	=	57.5	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Aluminum	Dissolved	=	57.8	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Aluminum	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Aluminum	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Aluminum	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Aluminum	Dissolved	=	0.9	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Aluminum	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Aluminum	Dissolved	=	52.4	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Aluminum	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Aluminum	Dissolved	DNQ	2.21	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Aluminum	Total	=	56.6	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Aluminum	Total	=	57.3	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Aluminum	Total	=	57.8	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Aluminum	Total	=	57.5	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Aluminum	Total	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Aluminum	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Aluminum	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Aluminum	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Aluminum	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Aluminum	Total	=	52.4	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Aluminum	Total	=	105	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Aluminum	Total	DNQ	2.21	µg/L	EPA 200.8	0.19	5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Antimony	Dissolved	=	49.6	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Antimony	Dissolved	=	49.6	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Antimony	Dissolved	=	48.1	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Antimony	Dissolved	=	49	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Antimony	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Antimony	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Antimony	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Antimony	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Antimony	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Antimony	Dissolved	=	48.3	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Antimony	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Antimony	Dissolved	DNQ	0.0365	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Antimony	Total	=	49.6	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Antimony	Total	=	49.6	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Antimony	Total	=	49	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Antimony	Total	=	48.1	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Antimony	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Antimony	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Antimony	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Antimony	Total	=	48.3	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Antimony	Total	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Antimony	Total	DNQ	0.0365	µg/L	EPA 200.8	0.008	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Arsenic	Dissolved	=	48.2	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Arsenic	Dissolved	=	48.3	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Arsenic	Dissolved	=	47.2	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Arsenic	Dissolved	=	47.2	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Arsenic	Dissolved	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Arsenic	Dissolved	=	92	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Arsenic	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Arsenic	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Arsenic	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Arsenic	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Arsenic	Dissolved	=	46.8	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Arsenic	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Arsenic	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Arsenic	Total	=	48.2	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Arsenic	Total	=	48.3	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Arsenic	Total	=	47.2	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Arsenic	Total	=	47.2	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Arsenic	Total	=	92	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Arsenic	Total	=	91	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Arsenic	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Arsenic	Total	=	46.8	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Arsenic	Total	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Arsenic	Total	<	0.014	µg/L	EPA 200.8	0.014	0.4			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Barium	Total	=	63.8	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Barium	Total	=	56	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Barium	Total	=	63	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Barium	Total	=	56.8	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Barium	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Barium	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Barium	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Barium	Total	=	50.5	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Barium	Total	=	101	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Barium	Total	<	0.024	µg/L	EPA 200.8	0.024	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Beryllium	Dissolved	=	47.3	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Beryllium	Dissolved	=	47	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Beryllium	Dissolved	=	46.5	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Beryllium	Dissolved	=	46.5	µg/L	EPA 200.8	0.022	0.1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Beryllium	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Beryllium	Dissolved	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Beryllium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Beryllium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Beryllium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Beryllium	Dissolved	=	46.8	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Beryllium	Dissolved	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Beryllium	Total	=	47.3	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Beryllium	Total	=	47	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Beryllium	Total	=	46.5	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Beryllium	Total	=	46.5	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Beryllium	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Beryllium	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Beryllium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Beryllium	Total	=	46.8	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Beryllium	Total	=	94	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Cadmium	Dissolved	=	47.7	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Cadmium	Dissolved	=	48.2	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Cadmium	Dissolved	=	47.8	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Cadmium	Dissolved	=	47.5	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Cadmium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Cadmium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Cadmium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Cadmium	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Cadmium	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Cadmium	Dissolved	=	48.9	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Cadmium	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Cadmium	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Cadmium	Total	=	48.2	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Cadmium	Total	=	47.7	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Cadmium	Total	=	47.8	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Cadmium	Total	=	47.5	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Cadmium	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Cadmium	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Cadmium	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Cadmium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Cadmium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Cadmium	Total	=	48.9	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Cadmium	Total	=	98	%	EPA 200.8	-88	-88	85	115	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	method blank	3/2/2010	Metal	Cadmium	Total	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Chromium	Dissolved	=	48.1	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Chromium	Dissolved	=	48.7	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Chromium	Dissolved	=	48	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Chromium	Dissolved	=	48.3	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Chromium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Chromium	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Chromium	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Chromium	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Chromium	Dissolved	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Chromium	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Chromium	Dissolved	=	51.7	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Chromium	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Chromium	Dissolved	DNQ	0.0909	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Chromium	Total	=	48.1	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Chromium	Total	=	48.7	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Chromium	Total	=	48.3	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Chromium	Total	=	48	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Chromium	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Chromium	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Chromium	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Chromium	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Chromium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Chromium	Total	=	51.7	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Chromium	Total	=	104	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Chromium	Total	DNQ	0.0909	µg/L	EPA 200.8	0.012	0.2			X
2009/10-3A	Lab	LCS	2/24/2010	Metal	Chromium VI	n/a	=	4.79	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3A	Lab	LCS, rec	2/24/2010	Metal	Chromium VI	n/a	=	96	%	EPA 218.6	-88	-88	90	110	X
2009/10-3A	Lab	method blank	2/24/2010	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3A	ME-SCR	matrix spike	2/24/2010	Metal	Chromium VI	n/a	=	4.65	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3A	ME-SCR	matrix spike dup	2/24/2010	Metal	Chromium VI	n/a	=	4.98	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-3A	ME-SCR	matrix spike dup, rec	2/24/2010	Metal	Chromium VI	n/a	=	98	%	EPA 218.6	-88	-88	88	112	X
2009/10-3A	ME-SCR	matrix spike, rec	2/24/2010	Metal	Chromium VI	n/a	=	91	%	EPA 218.6	-88	-88	88	112	X
2009/10-3A	ME-SCR	matrix spike, RPD	2/24/2010	Metal	Chromium VI	n/a	=	7	%	EPA 218.6	-88	-88	0	10	X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Copper	Dissolved	=	52.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Copper	Dissolved	=	52.9	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Copper	Dissolved	=	51.5	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Copper	Dissolved	=	51.6	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Copper	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Copper	Dissolved	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Copper	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Copper	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Copper	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Copper	Dissolved	=	53.5	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Copper	Dissolved	=	107	%	EPA 200.8	-88	-88	85	115	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	method blank	3/2/2010	Metal	Copper	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Copper	Total	=	52.9	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Copper	Total	=	52.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Copper	Total	=	51.5	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Copper	Total	=	51.6	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Copper	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Copper	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Copper	Total	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Copper	Total	=	53.5	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Copper	Total	=	107	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Copper	Total	<	0.022	µg/L	EPA 200.8	0.022	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Iron	Dissolved	=	1050	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Iron	Dissolved	=	1130	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Iron	Dissolved	=	1150	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Iron	Dissolved	=	1070	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Iron	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Iron	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Iron	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Iron	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Iron	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Iron	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Iron	Dissolved	=	1040	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Iron	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Iron	Dissolved	<	0.6	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Iron	Total	=	1130	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Iron	Total	=	1050	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Iron	Total	=	1150	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Iron	Total	=	1070	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Iron	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Iron	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Iron	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Iron	Total	=	1040	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Iron	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Iron	Total	<	0.6	µg/L	EPA 200.8	0.6	20			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Lead	Dissolved	=	52	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Lead	Dissolved	=	52.1	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Lead	Dissolved	=	52.1	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Lead	Dissolved	=	51.9	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Lead	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Lead	Dissolved	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Lead	Dissolved	=	102	%	EPA 200.8	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Lead	Dissolved	=	104	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Lead	Dissolved	=	0.2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Lead	Dissolved	=	0.05	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Lead	Dissolved	=	51.3	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Lead	Dissolved	=	103	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Lead	Total	=	52	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Lead	Total	=	52.1	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Lead	Total	=	51.9	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Lead	Total	=	52.1	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Lead	Total	=	101	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Lead	Total	=	104	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Lead	Total	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Lead	Total	=	0.05	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Lead	Total	=	51.3	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Lead	Total	=	103	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Lead	Total	<	0.017	µg/L	EPA 200.8	0.017	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/2/2010	Metal	Mercury	Dissolved	=	1050	ng/L	EPA 245.1	3.9	50			X
2009/10-3A	000NONPJ	matrix spike dup	3/2/2010	Metal	Mercury	Dissolved	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/2/2010	Metal	Mercury	Dissolved	=	97	%	EPA 245.1	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/2/2010	Metal	Mercury	Dissolved	=	98	%	EPA 245.1	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/2/2010	Metal	Mercury	Dissolved	=	1	%	EPA 245.1	-88	-88	0	20	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Mercury	Dissolved	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Mercury	Dissolved	=	101	%	EPA 245.1	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Mercury	Dissolved	DNQ	42	ng/L	EPA 245.1	3.9	50			X
2009/10-3A	000NONPJ	matrix spike	3/2/2010	Metal	Mercury	Total	=	1050	ng/L	EPA 245.1	3.9	50			X
2009/10-3A	000NONPJ	matrix spike dup	3/2/2010	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/2/2010	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/2/2010	Metal	Mercury	Total	=	98	%	EPA 245.1	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/2/2010	Metal	Mercury	Total	=	1	%	EPA 245.1	-88	-88	0	20	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Mercury	Total	DNQ	42	ng/L	EPA 245.1	3.9	50			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Nickel	Dissolved	=	49.8	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Nickel	Dissolved	=	49.2	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Nickel	Dissolved	=	49.3	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Nickel	Dissolved	=	48.2	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Nickel	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Nickel	Dissolved	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Nickel	Dissolved	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Nickel	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Nickel	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Nickel	Dissolved	=	53	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Nickel	Dissolved	=	106	%	EPA 200.8	-88	-88	85	115	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	method blank	3/2/2010	Metal	Nickel	Dissolved	DNQ	0.0303	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Nickel	Total	=	49.2	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Nickel	Total	=	49.8	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Nickel	Total	=	48.2	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Nickel	Total	=	49.3	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Nickel	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Nickel	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Nickel	Total	=	99	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Nickel	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Nickel	Total	=	53	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Nickel	Total	=	106	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Nickel	Total	DNQ	0.0303	µg/L	EPA 200.8	0.011	0.8			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Selenium	Dissolved	=	43.3	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Selenium	Dissolved	=	43.2	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Selenium	Dissolved	=	42.3	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Selenium	Dissolved	=	43.9	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Selenium	Dissolved	=	85	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Selenium	Dissolved	=	88	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Selenium	Dissolved	=	86	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Selenium	Dissolved	=	86	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Selenium	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Selenium	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Selenium	Dissolved	=	42.5	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Selenium	Dissolved	=	85	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Selenium	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Selenium	Total	=	43.3	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Selenium	Total	=	43.2	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Selenium	Total	=	42.3	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Selenium	Total	=	43.9	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Selenium	Total	=	88	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Selenium	Total	=	85	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Selenium	Total	=	86	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Selenium	Total	=	86	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Selenium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Selenium	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Selenium	Total	=	42.5	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Selenium	Total	=	85	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Selenium	Total	<	0.017	µg/L	EPA 200.8	0.017	0.4			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Silver	Dissolved	=	47.4	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Silver	Dissolved	=	48.6	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Silver	Dissolved	=	46.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Silver	Dissolved	=	47.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Silver	Dissolved	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Silver	Dissolved	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Silver	Dissolved	=	97	%	EPA 200.8	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Silver	Dissolved	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Silver	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Silver	Dissolved	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Silver	Dissolved	=	49.1	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Silver	Dissolved	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Silver	Dissolved	DNQ	0.0426	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Silver	Total	=	47.4	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Silver	Total	=	48.6	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Silver	Total	=	46.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Silver	Total	=	47.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Silver	Total	=	94	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Silver	Total	=	95	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Silver	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Silver	Total	=	49.1	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Silver	Total	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Silver	Total	DNQ	0.0426	µg/L	EPA 200.8	0.008	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Thallium	Dissolved	=	52.8	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Thallium	Dissolved	=	54.6	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Thallium	Dissolved	=	52.6	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Thallium	Dissolved	=	54.4	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Thallium	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Thallium	Dissolved	=	105	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Thallium	Dissolved	=	106	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Thallium	Dissolved	=	109	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Thallium	Dissolved	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Thallium	Dissolved	=	0.3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Thallium	Dissolved	=	52.7	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Thallium	Dissolved	=	105	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Thallium	Total	=	54.6	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Thallium	Total	=	52.8	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Thallium	Total	=	52.6	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Thallium	Total	=	54.4	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Thallium	Total	=	109	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Thallium	Total	=	106	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Thallium	Total	=	109	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Thallium	Total	=	0.3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Thallium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Thallium	Total	=	52.7	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Thallium	Total	=	105	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Zinc	Dissolved	=	54	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Zinc	Dissolved	=	50.1	µg/L	EPA 200.8	0.3	5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Zinc	Dissolved	=	48.8	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Zinc	Dissolved	=	52.8	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Zinc	Dissolved	=	84	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Zinc	Dissolved	=	86	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Zinc	Dissolved	=	89	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Zinc	Dissolved	=	86	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Zinc	Dissolved	=	3	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Zinc	Dissolved	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Zinc	Dissolved	=	46.6	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Zinc	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Zinc	Dissolved	<	0.3	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Zinc	Total	=	48.6	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Metal	Zinc	Total	=	52.7	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Zinc	Total	=	53.3	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Metal	Zinc	Total	=	49.1	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Zinc	Total	=	87	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Metal	Zinc	Total	=	85	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Zinc	Total	=	84	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Metal	Zinc	Total	=	86	%	EPA 200.8	-88	-88	70	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Metal	Zinc	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/2/2010	Metal	Zinc	Total	=	45.4	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Metal	Zinc	Total	=	91	%	EPA 200.8	-88	-88	85	115	X
2009/10-3A	Lab	method blank	3/2/2010	Metal	Zinc	Total	<	0.3	µg/L	EPA 200.8	0.3	5			X
2009/10-3A	000NONPJ	matrix spike	3/2/2010	Nutrient	Ammonia as N	n/a	=	9.62	mg/L	EPA 350.1	0.48	1			X
2009/10-3A	000NONPJ	matrix spike	3/2/2010	Nutrient	Ammonia as N	n/a	=	14	mg/L	EPA 350.1	0.48	1			X
2009/10-3A	000NONPJ	matrix spike dup	3/2/2010	Nutrient	Ammonia as N	n/a	=	13.8	mg/L	EPA 350.1	0.48	1			X
2009/10-3A	000NONPJ	matrix spike dup	3/2/2010	Nutrient	Ammonia as N	n/a	=	9.46	mg/L	EPA 350.1	0.48	1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/2/2010	Nutrient	Ammonia as N	n/a	=	138	%	EPA 350.1	-88	-88	90	110	GB
2009/10-3A	000NONPJ	matrix spike dup, rec	3/2/2010	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, rec	3/2/2010	Nutrient	Ammonia as N	n/a	=	120	%	EPA 350.1	-88	-88	90	110	GB
2009/10-3A	000NONPJ	matrix spike, rec	3/2/2010	Nutrient	Ammonia as N	n/a	=	154	%	EPA 350.1	-88	-88	90	110	GB
2009/10-3A	000NONPJ	matrix spike, RPD	3/2/2010	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	10	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/2/2010	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	10	X
2009/10-3A	Lab	LCS	3/2/2010	Nutrient	Ammonia as N	n/a	=	1	mg/L	EPA 350.1	0.048	0.1			X
2009/10-3A	Lab	LCS, rec	3/2/2010	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	X
2009/10-3A	Lab	method blank	3/2/2010	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			X
2009/10-3A	000NONPJ	matrix spike	2/23/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	2.94	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	2/23/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	2.92	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	2/23/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	99	%	EPA 353.2	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, rec	2/23/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, RPD	2/23/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	X
2009/10-3A	Lab	LCS	2/23/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	0.996	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3A	Lab	LCS, rec	2/23/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	100	%	EPA 353.2	-88	-88	90	110	X
2009/10-3A	Lab	method blank	2/23/2010	Nutrient	Nitrate + Nitrite as N	n/a	<	0.033	mg/L	EPA 353.2	0.033	0.1			X
2009/10-3A	Lab	LCS	2/26/2010	Nutrient	Phosphorus as P	Dissolved	=	0.0474	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3A	Lab	LCS, rec	2/26/2010	Nutrient	Phosphorus as P	Dissolved	=	95	%	EPA 365.1	-88	-88	90	110	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	method blank	2/26/2010	Nutrient	Phosphorus as P	Dissolved	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3A	000NONPJ	matrix spike	2/26/2010	Nutrient	Phosphorus as P	Total	=	0.0692	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3A	000NONPJ	matrix spike	2/26/2010	Nutrient	Phosphorus as P	Total	=	0.902	mg/L	EPA 365.1	0.014	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	2/26/2010	Nutrient	Phosphorus as P	Total	=	0.0685	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3A	000NONPJ	matrix spike dup	2/26/2010	Nutrient	Phosphorus as P	Total	=	0.882	mg/L	EPA 365.1	0.014	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	2/26/2010	Nutrient	Phosphorus as P	Total	=	112	%	EPA 365.1	-88	-88	90	110	GB
2009/10-3A	000NONPJ	matrix spike dup, rec	2/26/2010	Nutrient	Phosphorus as P	Total	=	98	%	EPA 365.1	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, rec	2/26/2010	Nutrient	Phosphorus as P	Total	=	100	%	EPA 365.1	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, rec	2/26/2010	Nutrient	Phosphorus as P	Total	=	152	%	EPA 365.1	-88	-88	90	110	GB
2009/10-3A	000NONPJ	matrix spike, RPD	2/26/2010	Nutrient	Phosphorus as P	Total	=	1	%	EPA 365.1	-88	-88	0	10	X
2009/10-3A	000NONPJ	matrix spike, RPD	2/26/2010	Nutrient	Phosphorus as P	Total	=	2	%	EPA 365.1	-88	-88	0	10	X
2009/10-3A	Lab	LCS	2/26/2010	Nutrient	Phosphorus as P	Total	=	0.0474	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3A	Lab	LCS, rec	2/26/2010	Nutrient	Phosphorus as P	Total	=	95	%	EPA 365.1	-88	-88	90	110	X
2009/10-3A	Lab	method blank	2/26/2010	Nutrient	Phosphorus as P	Total	<	0.0014	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-3A	000NONPJ	matrix spike	3/5/2010	Nutrient	TKN	n/a	=	0.512	mg/L	EPA 351.2	0.074	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/5/2010	Nutrient	TKN	n/a	=	0.62	mg/L	EPA 351.2	0.074	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/5/2010	Nutrient	TKN	n/a	=	0.506	mg/L	EPA 351.2	0.074	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/5/2010	Nutrient	TKN	n/a	=	0.624	mg/L	EPA 351.2	0.074	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/5/2010	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/5/2010	Nutrient	TKN	n/a	=	90	%	EPA 351.2	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, rec	3/5/2010	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	X
2009/10-3A	000NONPJ	matrix spike, rec	3/5/2010	Nutrient	TKN	n/a	=	89	%	EPA 351.2	-88	-88	90	110	GB
2009/10-3A	000NONPJ	matrix spike, RPD	3/5/2010	Nutrient	TKN	n/a	=	1	%	EPA 351.2	-88	-88	0	15	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/5/2010	Nutrient	TKN	n/a	=	0.6	%	EPA 351.2	-88	-88	0	15	X
2009/10-3A	Lab	LCS	3/5/2010	Nutrient	TKN	n/a	=	1.08	mg/L	EPA 351.2	0.074	0.1			X
2009/10-3A	Lab	LCS, rec	3/5/2010	Nutrient	TKN	n/a	=	108	%	EPA 351.2	-88	-88	90	110	X
2009/10-3A	Lab	method blank	3/5/2010	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	37.7	µg/L	EPA 625	0.26	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	38.7	µg/L	EPA 625	0.26	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	44	142	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	44	142	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	1,2-Dichlorobenzene	n/a	=	38.6	µg/L	EPA 625	0.3	2			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	1,2-Dichlorobenzene	n/a	=	40.8	µg/L	EPA 625	0.3	2			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	1,2-Dichlorobenzene	n/a	=	82	%	EPA 625	-88	-88	32	129	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	1,2-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	32	129	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	1,2-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2			X
2009/10-3A	Lab	srgt LCS	2/22/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.2	µg/L	EPA 524.2	0	0			X
2009/10-3A	Lab	srgt LCS dup	2/22/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	11.6	µg/L	EPA 524.2	0	0			X
2009/10-3A	Lab	srgt LCS dup, rec	2/22/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	116	%	EPA 524.2	-88	-88	70	130	X
2009/10-3A	Lab	srgt LCS, rec	2/22/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	112	%	EPA 524.2	-88	-88	70	130	X
2009/10-3A	Lab	srgt method blank	2/22/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.4	µg/L	EPA 524.2	0	0			X
2009/10-3A	Lab	srgt method blank, rec	2/22/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	104	%	EPA 524.2	-88	-88	70	130	X
2009/10-3A	ME-SCR	srgt environ	2/22/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.82	µg/L	EPA 524.2	0	0			X
2009/10-3A	ME-SCR	srgt environ, rec	2/22/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	98	%	EPA 524.2	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	method blank	2/25/2010	Organic	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	1,3-Dichlorobenzene	n/a	=	37.6	µg/L	EPA 625	0.36	1			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	1,3-Dichlorobenzene	n/a	=	39.4	µg/L	EPA 625	0.36	1			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	1,3-Dichlorobenzene	n/a	=	79	%	EPA 625	-88	-88	0.1	172	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	1,3-Dichlorobenzene	n/a	=	75	%	EPA 625	-88	-88	0.1	172	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	1,3-Dichlorobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			X
2009/10-3A	Lab	srgt LCS	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.62	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt LCS, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	73	136	X
2009/10-3A	Lab	srgt matrix spike	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.7	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt matrix spike dup	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.83	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt matrix spike dup, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	X
2009/10-3A	Lab	srgt matrix spike, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	94	%	EPA 525.2	-88	-88	73	136	X
2009/10-3A	Lab	srgt method blank	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.79	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	96	%	EPA 525.2	-88	-88	73	136	X
2009/10-3A	Lab	srgt LCS	3/10/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.401	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	3/10/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.432	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	3/10/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	86	%	EPA 525.2	-88	-88	73	136	X
2009/10-3A	Lab	srgt LCS, rec	3/10/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	80	%	EPA 525.2	-88	-88	73	136	X
2009/10-3A	Lab	srgt method blank	3/10/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.408	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	3/10/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	82	%	EPA 525.2	-88	-88	73	136	X
2009/10-3A	ME-SCR	srgt environ	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.73	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	3/3/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	95	%	EPA 525.2	-88	-88	73	136	X
2009/10-3A	ME-SCR	srgt environ	3/10/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.414	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	3/10/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	83	%	EPA 525.2	-88	-88	73	136	X
2009/10-3A	Lab	LCS	2/25/2010	Organic	1,4-Dichlorobenzene	n/a	=	38.3	µg/L	EPA 625	0.32	1			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	1,4-Dichlorobenzene	n/a	=	40.6	µg/L	EPA 625	0.32	1			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	1,4-Dichlorobenzene	n/a	=	81	%	EPA 625	-88	-88	20	124	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	1,4-Dichlorobenzene	n/a	=	77	%	EPA 625	-88	-88	20	124	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	1,4-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1			X
2009/10-3A	Lab	method blank	2/26/2010	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			X
2009/10-3A	Lab	srgt LCS	2/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	123	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	122	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	122	%	EPA 625	-88	-88	0.1	157	X
2009/10-3A	Lab	srgt LCS, rec	2/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	123	%	EPA 625	-88	-88	0.1	157	X
2009/10-3A	Lab	srgt method blank	2/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	104	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	104	%	EPA 625	-88	-88	0.1	157	X
2009/10-3A	Lab	srgt LCS	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	22.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	23	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	115	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-3A	Lab	srgt LCS, rec	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	114	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-3A	Lab	srgt method blank	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	19.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	99	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	116	µg/L	EPA 625	-88	-88			X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	22.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	112	%	EPA 8270Cm	-88	-88	44	115	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	2,4,6-Tribromophenol	n/a	=	116	%	EPA 625	-88	-88	0.1	157	X
2009/10-3A	Lab	LCS	2/26/2010	Organic	2,4,6-Trichlorophenol	n/a	=	6.41	µg/L	EPA 8270Cm	0.3	1			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	2,4,6-Trichlorophenol	n/a	=	6.34	µg/L	EPA 8270Cm	0.3	1			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	2,4,6-Trichlorophenol	n/a	=	127	%	EPA 8270Cm	-88	-88	39	125	EUM
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	2,4,6-Trichlorophenol	n/a	=	128	%	EPA 8270Cm	-88	-88	39	125	EUM
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	2,4,6-Trichlorophenol	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	2,4-Dichlorophenol	n/a	=	4.39	µg/L	EPA 8270Cm	0.51	1			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	2,4-Dichlorophenol	n/a	=	4.41	µg/L	EPA 8270Cm	0.51	1			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	2,4-Dichlorophenol	n/a	=	88	%	EPA 8270Cm	-88	-88	60	116	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	2,4-Dichlorophenol	n/a	=	88	%	EPA 8270Cm	-88	-88	60	116	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	2,4-Dichlorophenol	n/a	=	0.5	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			X
2009/10-3A	Lab	srgt LCS	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	8.36	µg/L	EPA 515.3	-88	-88			X
2009/10-3A	Lab	srgt LCS, rec	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	84	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	srgt method blank	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	srgt environ	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	9.98	µg/L	EPA 515.3	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	100	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	srgt matrix spike	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			X
2009/10-3A	ME-SCR	srgt matrix spike dup	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.4	µg/L	EPA 515.3	-88	-88			X
2009/10-3A	ME-SCR	srgt matrix spike dup, rec	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	104	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	srgt matrix spike, rec	3/4/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	LCS	2/26/2010	Organic	2,4-Dimethylphenol	n/a	=	3.63	µg/L	EPA 8270Cm	1	2			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	2,4-Dimethylphenol	n/a	=	3.66	µg/L	EPA 8270Cm	1	2			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	2,4-Dimethylphenol	n/a	=	73	%	EPA 8270Cm	-88	-88	2	117	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	2,4-Dimethylphenol	n/a	=	73	%	EPA 8270Cm	-88	-88	2	117	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	2,4-Dimethylphenol	n/a	=	0.8	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	2,4-Dinitrophenol	n/a	=	8.03	µg/L	EPA 8270Cm	1	2			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	2,4-Dinitrophenol	n/a	=	7.82	µg/L	EPA 8270Cm	1	2			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	2,4-Dinitrophenol	n/a	=	156	%	EPA 8270Cm	-88	-88	28	140	EUM
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	2,4-Dinitrophenol	n/a	=	161	%	EPA 8270Cm	-88	-88	28	140	EUM
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	2,4-Dinitrophenol	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	2,4-Dinitrotoluene	n/a	=	47.7	µg/L	EPA 625	0.4	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	2,4-Dinitrotoluene	n/a	=	49.3	µg/L	EPA 625	0.4	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	2,4-Dinitrotoluene	n/a	=	99	%	EPA 625	-88	-88	39	139	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	2,4-Dinitrotoluene	n/a	=	95	%	EPA 625	-88	-88	39	139	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	2,4-Dinitrotoluene	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	2,6-Dinitrotoluene	n/a	=	39.4	µg/L	EPA 625	0.24	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	2,6-Dinitrotoluene	n/a	=	39.9	µg/L	EPA 625	0.24	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	2,6-Dinitrotoluene	n/a	=	80	%	EPA 625	-88	-88	50	158	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	2,6-Dinitrotoluene	n/a	=	79	%	EPA 625	-88	-88	50	158	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	2,6-Dinitrotoluene	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS	2/25/2010	Organic	2-Chloronaphthalene	n/a	=	38.7	µg/L	EPA 625	0.26	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	2-Chloronaphthalene	n/a	=	39.4	µg/L	EPA 625	0.26	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	2-Chloronaphthalene	n/a	=	79	%	EPA 625	-88	-88	60	118	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	2-Chloronaphthalene	n/a	=	77	%	EPA 625	-88	-88	60	118	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	2-Chloronaphthalene	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	2-Chlorophenol	n/a	=	3.67	µg/L	EPA 8270Cm	0.65	1			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	2-Chlorophenol	n/a	=	3.73	µg/L	EPA 8270Cm	0.65	1			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	2-Chlorophenol	n/a	=	75	%	EPA 8270Cm	-88	-88	56	98	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	2-Chlorophenol	n/a	=	73	%	EPA 8270Cm	-88	-88	56	98	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	2-Chlorophenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			X
2009/10-3A	Lab	srgt LCS	2/25/2010	Organic	2-Fluorobiphenyl	n/a	=	38.1	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/25/2010	Organic	2-Fluorobiphenyl	n/a	=	38.4	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/25/2010	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	130	X
2009/10-3A	Lab	srgt LCS, rec	2/25/2010	Organic	2-Fluorobiphenyl	n/a	=	76	%	EPA 625	-88	-88	22	130	X
2009/10-3A	Lab	srgt method blank	2/25/2010	Organic	2-Fluorobiphenyl	n/a	=	36.3	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/25/2010	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 625	-88	-88	22	130	X
2009/10-3A	Lab	srgt LCS	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	8.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	7.91	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	79	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3A	Lab	srgt LCS, rec	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	83	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3A	Lab	srgt method blank	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	7.28	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	7.66	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	42.2	µg/L	EPA 625	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	84	%	EPA 625	-88	-88	22	130	X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-3A	Lab	srgt LCS	2/25/2010	Organic	2-Fluorophenol	n/a	=	51.7	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/25/2010	Organic	2-Fluorophenol	n/a	=	54.5	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/25/2010	Organic	2-Fluorophenol	n/a	=	55	%	EPA 625	-88	-88	6	96	X
2009/10-3A	Lab	srgt LCS, rec	2/25/2010	Organic	2-Fluorophenol	n/a	=	52	%	EPA 625	-88	-88	6	96	X
2009/10-3A	Lab	srgt method blank	2/25/2010	Organic	2-Fluorophenol	n/a	=	54.2	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/25/2010	Organic	2-Fluorophenol	n/a	=	54	%	EPA 625	-88	-88	6	96	X
2009/10-3A	Lab	srgt LCS	2/26/2010	Organic	2-Fluorophenol	n/a	=	8.33	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/26/2010	Organic	2-Fluorophenol	n/a	=	8.48	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/26/2010	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3A	Lab	srgt LCS, rec	2/26/2010	Organic	2-Fluorophenol	n/a	=	42	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3A	Lab	srgt method blank	2/26/2010	Organic	2-Fluorophenol	n/a	=	7.67	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/26/2010	Organic	2-Fluorophenol	n/a	=	38	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	2-Fluorophenol	n/a	=	58.5	µg/L	EPA 625	-88	-88			X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	2-Fluorophenol	n/a	=	7.97	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	2-Fluorophenol	n/a	=	40	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	2-Fluorophenol	n/a	=	58	%	EPA 625	-88	-88	6	96	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	2-Nitrophenol	n/a	=	8.5	µg/L	EPA 8270Cm	0.71	1			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	2-Nitrophenol	n/a	=	8.59	µg/L	EPA 8270Cm	0.71	1			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	2-Nitrophenol	n/a	=	172	%	EPA 8270Cm	-88	-88	54	121	EUM
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	2-Nitrophenol	n/a	=	170	%	EPA 8270Cm	-88	-88	54	121	EUM
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	2-Nitrophenol	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	29.3	µg/L	EPA 625	0.3	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	27.6	µg/L	EPA 625	0.3	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	55	%	EPA 625	-88	-88	0.1	262	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	59	%	EPA 625	-88	-88	0.1	262	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5			X
2009/10-3A	Lab	method blank	2/26/2010	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12.1	µg/L	EPA 8270Cm	0.14	1			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	12.2	µg/L	EPA 8270Cm	0.14	1			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	244	%	EPA 8270Cm	-88	-88	26	137	EUM
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	241	%	EPA 8270Cm	-88	-88	26	137	EUM
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	0.9	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			X
2009/10-3A	Lab	srgt LCS	2/22/2010	Organic	4-Bromofluorobenzene	n/a	=	10.9	µg/L	EPA 524.2	0	0			X
2009/10-3A	Lab	srgt LCS dup	2/22/2010	Organic	4-Bromofluorobenzene	n/a	=	10.9	µg/L	EPA 524.2	0	0			X
2009/10-3A	Lab	srgt LCS dup, rec	2/22/2010	Organic	4-Bromofluorobenzene	n/a	=	109	%	EPA 524.2	-88	-88	70	130	X
2009/10-3A	Lab	srgt LCS, rec	2/22/2010	Organic	4-Bromofluorobenzene	n/a	=	109	%	EPA 524.2	-88	-88	70	130	X
2009/10-3A	Lab	srgt method blank	2/22/2010	Organic	4-Bromofluorobenzene	n/a	=	10	µg/L	EPA 524.2	0	0			X
2009/10-3A	Lab	srgt method blank, rec	2/22/2010	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 524.2	-88	-88	70	130	X
2009/10-3A	ME-SCR	srgt environ	2/22/2010	Organic	4-Bromofluorobenzene	n/a	=	9.82	µg/L	EPA 524.2	0	0			X
2009/10-3A	ME-SCR	srgt environ, rec	2/22/2010	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 524.2	-88	-88	70	130	X
2009/10-3A	Lab	LCS	2/25/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	47.7	µg/L	EPA 625	0.23	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	48.3	µg/L	EPA 625	0.23	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	97	%	EPA 625	-88	-88	56	127	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	95	%	EPA 625	-88	-88	56	127	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	4-Chloro-3-methylphenol	n/a	=	4.66	µg/L	EPA 8270Cm	0.37	1			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	4-Chloro-3-methylphenol	n/a	=	4.65	µg/L	EPA 8270Cm	0.37	1			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	4-Chloro-3-methylphenol	n/a	=	93	%	EPA 8270Cm	-88	-88	67	107	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	4-Chloro-3-methylphenol	n/a	=	93	%	EPA 8270Cm	-88	-88	67	107	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	4-Chloro-3-methylphenol	n/a	=	0.2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	63.5	µg/L	EPA 625	0.24	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	65	µg/L	EPA 625	0.24	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	130	%	EPA 625	-88	-88	25	158	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	127	%	EPA 625	-88	-88	25	158	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	4-Nitrophenol	n/a	=	3.16	µg/L	EPA 8270Cm	1	2			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	4-Nitrophenol	n/a	=	3.18	µg/L	EPA 8270Cm	1	2			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	4-Nitrophenol	n/a	=	64	%	EPA 8270Cm	-88	-88	26	79	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	4-Nitrophenol	n/a	=	63	%	EPA 8270Cm	-88	-88	26	79	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	4-Nitrophenol	n/a	=	0.6	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Acenaphthene	n/a	=	3.97	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Acenaphthene	n/a	=	3.93	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Acenaphthene	n/a	=	79	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Acenaphthene	n/a	=	79	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Acenaphthene	n/a	=	1	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Acenaphthylene	n/a	=	4.48	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Acenaphthylene	n/a	=	4.44	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Acenaphthylene	n/a	=	89	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Acenaphthylene	n/a	=	90	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Acenaphthylene	n/a	=	0.9	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Anthracene	n/a	=	5.52	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Anthracene	n/a	=	5.51	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Anthracene	n/a	=	110	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Anthracene	n/a	=	110	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Anthracene	n/a	=	0.2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Benz(a)anthracene	n/a	=	6.55	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Benz(a)anthracene	n/a	=	6.66	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Benz(a)anthracene	n/a	=	133	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Benz(a)anthracene	n/a	=	131	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Organic	Benzo(a)pyrene	n/a	=	4.75	µg/L	EPA 525.2	0.073	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Organic	Benzo(a)pyrene	n/a	=	4.72	µg/L	EPA 525.2	0.073	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Organic	Benzo(a)pyrene	n/a	=	94	%	EPA 525.2	-88	-88	29	153	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Organic	Benzo(a)pyrene	n/a	=	95	%	EPA 525.2	-88	-88	29	153	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Organic	Benzo(a)pyrene	n/a	=	0.6	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Organic	Benzo(a)pyrene	n/a	=	4.36	µg/L	EPA 525.2	0.073	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Organic	Benzo(a)pyrene	n/a	=	87	%	EPA 525.2	-88	-88	54	136	X
2009/10-3A	Lab	method blank	3/3/2010	Organic	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Benzo(b)fluoranthene	n/a	=	5.35	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Benzo(b)fluoranthene	n/a	=	5.44	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Benzo(b)fluoranthene	n/a	=	109	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Benzo(b)fluoranthene	n/a	=	107	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Benzo(g,h,i)perylene	n/a	=	6.03	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Benzo(g,h,i)perylene	n/a	=	6.44	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Benzo(g,h,i)perylene	n/a	=	129	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Benzo(g,h,i)perylene	n/a	=	121	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Benzo(g,h,i)perylene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS	2/26/2010	Organic	Benzo(k)fluoranthene	n/a	=	5.63	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Benzo(k)fluoranthene	n/a	=	5.65	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Benzo(k)fluoranthene	n/a	=	113	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Benzo(k)fluoranthene	n/a	=	113	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Benzo(k)fluoranthene	n/a	=	0.4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	42	µg/L	EPA 625	0.4	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	43.4	µg/L	EPA 625	0.4	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	87	%	EPA 625	-88	-88	33	184	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	84	%	EPA 625	-88	-88	33	184	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	37.6	µg/L	EPA 625	0.46	1			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	39.9	µg/L	EPA 625	0.46	1			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	80	%	EPA 625	-88	-88	12	158	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	75	%	EPA 625	-88	-88	12	158	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	40.3	µg/L	EPA 625	0.48	2			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	42.6	µg/L	EPA 625	0.48	2			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	85	%	EPA 625	-88	-88	36	166	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	81	%	EPA 625	-88	-88	36	166	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5.06	µg/L	EPA 525.2	0.23	5			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.8	µg/L	EPA 525.2	0.23	5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	96	%	EPA 525.2	-88	-88	28	147	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	101	%	EPA 525.2	-88	-88	28	147	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	DNQ	4.62	µg/L	EPA 525.2	0.23	5			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	92	%	EPA 525.2	-88	-88	50	145	X
2009/10-3A	Lab	method blank	3/3/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.59	µg/L	EPA 525.2	1.1	3			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.3	µg/L	EPA 525.2	1.1	3			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	106	%	EPA 525.2	-88	-88	23	154	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	112	%	EPA 525.2	-88	-88	23	154	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.16	µg/L	EPA 525.2	1.1	3			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 525.2	-88	-88	54	142	X
2009/10-3A	Lab	method blank	3/3/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Butyl benzyl phthalate	n/a	=	58.9	µg/L	EPA 625	1	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Butyl benzyl phthalate	n/a	=	58.4	µg/L	EPA 625	1	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Butyl benzyl phthalate	n/a	=	117	%	EPA 625	-88	-88	0.1	152	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Butyl benzyl phthalate	n/a	=	118	%	EPA 625	-88	-88	0.1	152	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Butyl benzyl phthalate	n/a	=	0.8	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Chrysene	n/a	=	4.33	µg/L	EPA 8270Cm	0.09	0.5			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Chrysene	n/a	=	4.3	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Chrysene	n/a	=	86	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Chrysene	n/a	=	87	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Chrysene	n/a	=	0.7	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Dibenz(a,h)anthracene	n/a	=	6.04	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Dibenz(a,h)anthracene	n/a	=	6.44	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Dibenz(a,h)anthracene	n/a	=	129	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Dibenz(a,h)anthracene	n/a	=	121	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Dibenz(a,h)anthracene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Diethyl phthalate	n/a	=	57.5	µg/L	EPA 625	0.23	2			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Diethyl phthalate	n/a	=	59.7	µg/L	EPA 625	0.23	2			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Diethyl phthalate	n/a	=	11	%	EPA 625	-88	-88	0.1	112	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Diethyl phthalate	n/a	=	115	%	EPA 625	-88	-88	0.1	112	EUM
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Diethyl phthalate	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Dimethyl phthalate	n/a	=	39.4	µg/L	EPA 625	0.26	2			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Dimethyl phthalate	n/a	=	40.5	µg/L	EPA 625	0.26	2			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Dimethyl phthalate	n/a	=	81	%	EPA 625	-88	-88	0.1	112	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Dimethyl phthalate	n/a	=	79	%	EPA 625	-88	-88	0.1	112	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Dimethyl phthalate	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Di-n-butylphthalate	n/a	=	77	µg/L	EPA 625	0.53	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Di-n-butylphthalate	n/a	=	78.5	µg/L	EPA 625	0.53	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Di-n-butylphthalate	n/a	=	15	%	EPA 625	-88	-88	1	118	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Di-n-butylphthalate	n/a	=	154	%	EPA 625	-88	-88	1	118	EUM
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Di-n-butylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Di-n-butylphthalate	n/a	DNQ	0.59	µg/L	EPA 625	0.53	5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Di-n-octylphthalate	n/a	=	45.9	µg/L	EPA 625	0.28	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Di-n-octylphthalate	n/a	=	46.7	µg/L	EPA 625	0.28	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Di-n-octylphthalate	n/a	=	93	%	EPA 625	-88	-88	6	146	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Di-n-octylphthalate	n/a	=	92	%	EPA 625	-88	-88	6	146	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Di-n-octylphthalate	n/a	=	2	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Fluoranthene	n/a	=	4.78	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Fluoranthene	n/a	=	4.79	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Fluoranthene	n/a	=	96	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Fluoranthene	n/a	=	96	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Fluoranthene	n/a	=	0.2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Fluorene	n/a	=	4.16	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Fluorene	n/a	=	4.13	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Fluorene	n/a	=	83	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Fluorene	n/a	=	83	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Fluorene	n/a	=	0.7	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS	2/25/2010	Organic	Hexachlorobenzene	n/a	=	54.6	µg/L	EPA 625	0.15	1			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Hexachlorobenzene	n/a	=	54.8	µg/L	EPA 625	0.15	1			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Hexachlorobenzene	n/a	=	110	%	EPA 625	-88	-88	0.1	152	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Hexachlorobenzene	n/a	=	109	%	EPA 625	-88	-88	0.1	152	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Hexachlorobenzene	n/a	=	0.3	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Hexachlorobutadiene	n/a	=	39.5	µg/L	EPA 625	0.41	1			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Hexachlorobutadiene	n/a	=	39.2	µg/L	EPA 625	0.41	1			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Hexachlorobutadiene	n/a	=	78	%	EPA 625	-88	-88	24	116	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Hexachlorobutadiene	n/a	=	79	%	EPA 625	-88	-88	24	116	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Hexachlorobutadiene	n/a	=	0.6	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Hexachlorocyclopentadiene	n/a	=	14.5	µg/L	EPA 625	5	10			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Hexachlorocyclopentadiene	n/a	=	15.1	µg/L	EPA 625	5	10			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Hexachlorocyclopentadiene	n/a	=	30	%	EPA 625	-88	-88	0.1	136	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Hexachlorocyclopentadiene	n/a	=	29	%	EPA 625	-88	-88	0.1	136	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Hexachlorocyclopentadiene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Hexachloroethane	n/a	=	39.8	µg/L	EPA 625	0.36	1			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Hexachloroethane	n/a	=	41.8	µg/L	EPA 625	0.36	1			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Hexachloroethane	n/a	=	84	%	EPA 625	-88	-88	40	113	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Hexachloroethane	n/a	=	80	%	EPA 625	-88	-88	40	113	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Hexachloroethane	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.16	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.56	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	131	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	123	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Isophorone	n/a	=	41.6	µg/L	EPA 625	0.33	1			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Isophorone	n/a	=	43.3	µg/L	EPA 625	0.33	1			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Isophorone	n/a	=	87	%	EPA 625	-88	-88	21	196	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Isophorone	n/a	=	83	%	EPA 625	-88	-88	21	196	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Isophorone	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1			X
2009/10-3A	Lab	LCS	2/22/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.35	µg/L	EPA 524.2	1.1	3			X
2009/10-3A	Lab	LCS dup	2/22/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	6.37	µg/L	EPA 524.2	1.1	3			X
2009/10-3A	Lab	LCS dup, rec	2/22/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	106	%	EPA 524.2	-88	-88	70	130	X
2009/10-3A	Lab	LCS, rec	2/22/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	106	%	EPA 524.2	-88	-88	70	130	X
2009/10-3A	Lab	LCS, RPD	2/22/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	0.3	%	EPA 524.2	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/22/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Naphthalene	n/a	=	3.67	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Naphthalene	n/a	=	3.7	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Naphthalene	n/a	=	74	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Naphthalene	n/a	=	73	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Naphthalene	n/a	=	0.8	%	EPA 8270Cm	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	method blank	2/26/2010	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	Nitrobenzene	n/a	=	42.3	µg/L	EPA 625	0.37	1			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	Nitrobenzene	n/a	=	44.2	µg/L	EPA 625	0.37	1			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	Nitrobenzene	n/a	=	88	%	EPA 625	-88	-88	35	180	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	Nitrobenzene	n/a	=	85	%	EPA 625	-88	-88	35	180	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	Nitrobenzene	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1			X
2009/10-3A	Lab	srgt LCS	2/25/2010	Organic	Nitrobenzene-d5	n/a	=	43.5	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/25/2010	Organic	Nitrobenzene-d5	n/a	=	44.9	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/25/2010	Organic	Nitrobenzene-d5	n/a	=	90	%	EPA 625	-88	-88	34	139	X
2009/10-3A	Lab	srgt LCS, rec	2/25/2010	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 625	-88	-88	34	139	X
2009/10-3A	Lab	srgt method blank	2/25/2010	Organic	Nitrobenzene-d5	n/a	=	42.1	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/25/2010	Organic	Nitrobenzene-d5	n/a	=	84	%	EPA 625	-88	-88	34	139	X
2009/10-3A	Lab	srgt LCS	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	8.73	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	8.48	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	85	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3A	Lab	srgt LCS, rec	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	87	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3A	Lab	srgt method blank	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	7.75	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	78	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	46.4	µg/L	EPA 625	-88	-88			X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	8.13	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	81	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	Nitrobenzene-d5	n/a	=	93	%	EPA 625	-88	-88	34	139	X
2009/10-3A	Lab	LCS	2/25/2010	Organic	N-Nitrosodimethylamine	n/a	=	32.4	µg/L	EPA 625	0.36	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	N-Nitrosodimethylamine	n/a	=	33.9	µg/L	EPA 625	0.36	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	N-Nitrosodimethylamine	n/a	=	68	%	EPA 625	-88	-88	27	78	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	N-Nitrosodimethylamine	n/a	=	65	%	EPA 625	-88	-88	27	78	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	N-Nitrosodimethylamine	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	46.8	µg/L	EPA 625	0.41	5			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	48.4	µg/L	EPA 625	0.41	5			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	97	%	EPA 625	-88	-88	0.1	230	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	94	%	EPA 625	-88	-88	0.1	230	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	3	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5			X
2009/10-3A	Lab	LCS	2/25/2010	Organic	N-Nitrosodiphenylamine	n/a	=	52.1	µg/L	EPA 625	0.23	1			X
2009/10-3A	Lab	LCS dup	2/25/2010	Organic	N-Nitrosodiphenylamine	n/a	=	52.8	µg/L	EPA 625	0.23	1			X
2009/10-3A	Lab	LCS dup, rec	2/25/2010	Organic	N-Nitrosodiphenylamine	n/a	=	106	%	EPA 625	-88	-88	48	129	X
2009/10-3A	Lab	LCS, rec	2/25/2010	Organic	N-Nitrosodiphenylamine	n/a	=	104	%	EPA 625	-88	-88	48	129	X
2009/10-3A	Lab	LCS, RPD	2/25/2010	Organic	N-Nitrosodiphenylamine	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/25/2010	Organic	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1			X
2009/10-3A	Lab	srgt LCS	3/3/2010	Organic	Perylene-d12	n/a	=	4.97	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt LCS, rec	3/3/2010	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	48	141	X
2009/10-3A	Lab	srgt matrix spike	3/3/2010	Organic	Perylene-d12	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt matrix spike dup	3/3/2010	Organic	Perylene-d12	n/a	=	4.81	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt matrix spike dup, rec	3/3/2010	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	48	141	X
2009/10-3A	Lab	srgt matrix spike, rec	3/3/2010	Organic	Perylene-d12	n/a	=	99	%	EPA 525.2	-88	-88	48	141	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	srgt method blank	3/3/2010	Organic	Perylene-d12	n/a	=	4.81	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	3/3/2010	Organic	Perylene-d12	n/a	=	96	%	EPA 525.2	-88	-88	48	141	X
2009/10-3A	ME-SCR	srgt environ	3/3/2010	Organic	Perylene-d12	n/a	=	4.11	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	3/3/2010	Organic	Perylene-d12	n/a	=	82	%	EPA 525.2	-88	-88	48	141	X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Phenanthrene	n/a	=	4.55	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Phenanthrene	n/a	=	4.54	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Phenanthrene	n/a	=	91	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Phenanthrene	n/a	=	91	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Phenanthrene	n/a	=	0.2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-3A	Lab	LCS	2/26/2010	Organic	Phenol	n/a	=	1.48	µg/L	EPA 8270Cm	0.35	1			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Phenol	n/a	=	1.54	µg/L	EPA 8270Cm	0.35	1			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Phenol	n/a	=	32	%	EPA 8270Cm	-88	-88	36	65	EUM
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Phenol	n/a	=	30	%	EPA 8270Cm	-88	-88	36	65	EUM
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Phenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			X
2009/10-3A	Lab	srgt LCS	2/25/2010	Organic	Phenol-d5	n/a	=	33.2	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/25/2010	Organic	Phenol-d5	n/a	=	33.9	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/25/2010	Organic	Phenol-d5	n/a	=	34	%	EPA 625	-88	-88	2	70	X
2009/10-3A	Lab	srgt LCS, rec	2/25/2010	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	2	70	X
2009/10-3A	Lab	srgt method blank	2/25/2010	Organic	Phenol-d5	n/a	=	32.8	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/25/2010	Organic	Phenol-d5	n/a	=	33	%	EPA 625	-88	-88	2	70	X
2009/10-3A	Lab	srgt LCS	2/26/2010	Organic	Phenol-d5	n/a	=	5.41	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/26/2010	Organic	Phenol-d5	n/a	=	5.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/26/2010	Organic	Phenol-d5	n/a	=	28	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3A	Lab	srgt LCS, rec	2/26/2010	Organic	Phenol-d5	n/a	=	27	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3A	Lab	srgt method blank	2/26/2010	Organic	Phenol-d5	n/a	=	4.87	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/26/2010	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	Phenol-d5	n/a	=	35.8	µg/L	EPA 625	-88	-88			X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	Phenol-d5	n/a	=	5.15	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	Phenol-d5	n/a	=	26	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	Phenol-d5	n/a	=	36	%	EPA 625	-88	-88	2	70	X
2009/10-3A	Lab	srgt LCS	2/25/2010	Organic	p-Terphenyl-d14	n/a	=	106	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/25/2010	Organic	p-Terphenyl-d14	n/a	=	107	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/25/2010	Organic	p-Terphenyl-d14	n/a	=	215	%	EPA 625	-88	-88	6	145	GN
2009/10-3A	Lab	srgt LCS, rec	2/25/2010	Organic	p-Terphenyl-d14	n/a	=	212	%	EPA 625	-88	-88	6	145	GN
2009/10-3A	Lab	srgt method blank	2/25/2010	Organic	p-Terphenyl-d14	n/a	=	103	µg/L	EPA 625	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/25/2010	Organic	p-Terphenyl-d14	n/a	=	206	%	EPA 625	-88	-88	6	145	GN
2009/10-3A	Lab	srgt LCS	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	20.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	19.9	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	199	%	EPA 8270Cm	-88	-88	19	134	GN
2009/10-3A	Lab	srgt LCS, rec	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	206	%	EPA 8270Cm	-88	-88	19	134	GN
2009/10-3A	Lab	srgt method blank	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	20.7	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	207	%	EPA 8270Cm	-88	-88	19	134	GN
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	108	µg/L	EPA 625	-88	-88			X
2009/10-3A	ME-SCR	srgt environ	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	21.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	217	%	EPA 625	-88	-88	6	145	GN

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	ME-SCR	srgt environ, rec	2/26/2010	Organic	p-Terphenyl-d14	n/a	=	215	%	EPA 8270Cm	-88	-88	19	134	GN
2009/10-3A	Lab	LCS	2/26/2010	Organic	Pyrene	n/a	=	4.83	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-3A	Lab	LCS dup	2/26/2010	Organic	Pyrene	n/a	=	4.85	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-3A	Lab	LCS dup, rec	2/26/2010	Organic	Pyrene	n/a	=	97	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-3A	Lab	LCS, rec	2/26/2010	Organic	Pyrene	n/a	=	97	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-3A	Lab	LCS, RPD	2/26/2010	Organic	Pyrene	n/a	=	0.4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-3A	Lab	method blank	2/26/2010	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-3A	Lab	srgt LCS	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.417	µg/L	EPA 608	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.398	µg/L	EPA 608	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608	-88	-88	26	131	X
2009/10-3A	Lab	srgt LCS, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	83	%	EPA 608	-88	-88	26	131	X
2009/10-3A	Lab	srgt method blank	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.341	µg/L	EPA 608	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	68	%	EPA 608	-88	-88	26	131	X
2009/10-3A	ME-SCR	srgt environ	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0837	µg/L	EPA 608	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	3/4/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	84	%	EPA 608	-88	-88	26	131	X
2009/10-3A	Lab	srgt LCS	3/3/2010	Organic	Triphenylphosphate	n/a	=	5.01	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt LCS, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	X
2009/10-3A	Lab	srgt matrix spike	3/3/2010	Organic	Triphenylphosphate	n/a	=	5.03	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt matrix spike dup	3/3/2010	Organic	Triphenylphosphate	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt matrix spike dup, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	71	150	X
2009/10-3A	Lab	srgt matrix spike, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	101	%	EPA 525.2	-88	-88	71	150	X
2009/10-3A	Lab	srgt method blank	3/3/2010	Organic	Triphenylphosphate	n/a	=	4.73	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	X
2009/10-3A	Lab	srgt LCS	3/10/2010	Organic	Triphenylphosphate	n/a	=	0.546	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	3/10/2010	Organic	Triphenylphosphate	n/a	=	0.628	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	3/10/2010	Organic	Triphenylphosphate	n/a	=	126	%	EPA 525.2	-88	-88	71	150	X
2009/10-3A	Lab	srgt LCS, rec	3/10/2010	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	71	150	X
2009/10-3A	Lab	srgt method blank	3/10/2010	Organic	Triphenylphosphate	n/a	=	0.545	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	3/10/2010	Organic	Triphenylphosphate	n/a	=	109	%	EPA 525.2	-88	-88	71	150	X
2009/10-3A	ME-SCR	srgt environ	3/3/2010	Organic	Triphenylphosphate	n/a	=	4.98	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	3/3/2010	Organic	Triphenylphosphate	n/a	=	100	%	EPA 525.2	-88	-88	71	150	X
2009/10-3A	ME-SCR	srgt environ	3/10/2010	Organic	Triphenylphosphate	n/a	=	0.61	µg/L	EPA 525.2	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	3/10/2010	Organic	Triphenylphosphate	n/a	=	122	%	EPA 525.2	-88	-88	71	150	X
2009/10-3A	Lab	srgt LCS	3/4/2010	PCB	PCB 209	n/a	=	0.431	µg/L	EPA 608	-88	-88			X
2009/10-3A	Lab	srgt LCS dup	3/4/2010	PCB	PCB 209	n/a	=	0.443	µg/L	EPA 608	-88	-88			X
2009/10-3A	Lab	srgt LCS dup, rec	3/4/2010	PCB	PCB 209	n/a	=	89	%	EPA 608	-88	-88	0.1	154	X
2009/10-3A	Lab	srgt LCS, rec	3/4/2010	PCB	PCB 209	n/a	=	86	%	EPA 608	-88	-88	0.1	154	X
2009/10-3A	Lab	srgt method blank	3/4/2010	PCB	PCB 209	n/a	=	0.386	µg/L	EPA 608	-88	-88			X
2009/10-3A	Lab	srgt method blank, rec	3/4/2010	PCB	PCB 209	n/a	=	77	%	EPA 608	-88	-88	0.1	154	X
2009/10-3A	ME-SCR	srgt environ	3/4/2010	PCB	PCB 209	n/a	=	0.0544	µg/L	EPA 608	-88	-88			X
2009/10-3A	ME-SCR	srgt environ, rec	3/4/2010	PCB	PCB 209	n/a	=	54	%	EPA 608	-88	-88	0.1	154	X
2009/10-3A	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1016	n/a	<	0.25	µg/L	EPA 608	0.25	2.5			X
2009/10-3A	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1221	n/a	<	0.3	µg/L	EPA 608	0.3	2.5			X
2009/10-3A	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1232	n/a	<	0.75	µg/L	EPA 608	0.75	2.5			X
2009/10-3A	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1242	n/a	<	0.35	µg/L	EPA 608	0.35	2.5			X
2009/10-3A	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1248	n/a	<	0.3	µg/L	EPA 608	0.3	2.5			X
2009/10-3A	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1254	n/a	<	0.2	µg/L	EPA 608	0.2	2.5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	method blank	3/4/2010	PCB	PCB Aroclor 1260	n/a	<	0.2	µg/L	EPA 608	0.2	2.5			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	2,4,5-T	n/a	=	1.45	µg/L	EPA 515.3	0.05	0.2			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	2,4,5-T	n/a	=	73	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	2,4,5-T	n/a	=	1.62	µg/L	EPA 515.3	0.05	0.2			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	2,4,5-T	n/a	=	1.54	µg/L	EPA 515.3	0.05	0.2			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	2,4,5-T	n/a	=	77	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	2,4,5-T	n/a	=	81	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	2,4,5-T	n/a	=	5	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	2,4,5-TP	n/a	=	1.51	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	2,4,5-TP	n/a	=	76	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	2,4,5-TP	n/a	=	1.61	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	2,4,5-TP	n/a	=	1.77	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	2,4,5-TP	n/a	=	89	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	2,4,5-TP	n/a	=	80	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	2,4,5-TP	n/a	=	10	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	2,4-D	n/a	=	1.4	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	2,4-D	n/a	=	70	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	2,4-D	n/a	=	1.52	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	2,4-D	n/a	=	1.5	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	2,4-D	n/a	=	75	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	2,4-D	n/a	=	76	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	2,4-D	n/a	=	2	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	2,4-DB	n/a	=	1.62	µg/L	EPA 515.3	0.42	1			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	2,4-DB	n/a	=	81	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	2,4-DB	n/a	=	2.26	µg/L	EPA 515.3	0.42	2			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	2,4-DB	n/a	=	2.3	µg/L	EPA 515.3	0.42	2			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	2,4-DB	n/a	=	115	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	2,4-DB	n/a	=	113	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	2,4-DB	n/a	=	2	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	2,4'-DDD	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	2,4'-DDE	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	2,4'-DDT	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2.32	µg/L	EPA 515.3	0.08	1			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	116	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1.62	µg/L	EPA 515.3	0.08	1			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1.57	µg/L	EPA 515.3	0.08	1			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	78	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	81	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	4,4'-DDD	n/a	=	0.408	µg/L	EPA 608	0.015	0.25			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	4,4'-DDD	n/a	=	0.393	µg/L	EPA 608	0.015	0.25			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	4,4'-DDD	n/a	=	79	%	EPA 608	-88	-88	30	141	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	4,4'-DDD	n/a	=	82	%	EPA 608	-88	-88	30	141	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	4,4'-DDD	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	4,4'-DDD	n/a	<	0.015	µg/L	EPA 608	0.015	0.25			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	4,4'-DDE	n/a	=	0.392	µg/L	EPA 608	0.012	0.25			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	4,4'-DDE	n/a	=	0.398	µg/L	EPA 608	0.012	0.25			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	4,4'-DDE	n/a	=	80	%	EPA 608	-88	-88	30	145	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	4,4'-DDE	n/a	=	78	%	EPA 608	-88	-88	30	145	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	4,4'-DDE	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	4,4'-DDE	n/a	<	0.012	µg/L	EPA 608	0.012	0.25			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	4,4'-DDT	n/a	=	0.43	µg/L	EPA 608	0.016	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	4,4'-DDT	n/a	=	0.423	µg/L	EPA 608	0.016	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	4,4'-DDT	n/a	=	85	%	EPA 608	-88	-88	25	160	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	4,4'-DDT	n/a	=	86	%	EPA 608	-88	-88	25	160	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	4,4'-DDT	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	4,4'-DDT	n/a	<	0.016	µg/L	EPA 608	0.016	0.05			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Acifluorfen	n/a	=	2.12	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Acifluorfen	n/a	=	106	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	Acifluorfen	n/a	=	2.25	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	Acifluorfen	n/a	=	2.16	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	Acifluorfen	n/a	=	108	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	Acifluorfen	n/a	=	112	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	Acifluorfen	n/a	=	4	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Alachlor	n/a	=	4.45	µg/L	EPA 525.2	0.07	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Alachlor	n/a	=	4.42	µg/L	EPA 525.2	0.07	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Alachlor	n/a	=	88	%	EPA 525.2	-88	-88	58	177	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Alachlor	n/a	=	89	%	EPA 525.2	-88	-88	58	177	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Alachlor	n/a	=	0.7	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Alachlor	n/a	=	4.64	µg/L	EPA 525.2	0.07	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Alachlor	n/a	=	93	%	EPA 525.2	-88	-88	58	164	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Aldrin	n/a	=	0.419	µg/L	EPA 608	0.0075	0.025			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	Aldrin	n/a	=	0.421	µg/L	EPA 608	0.0075	0.025			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	Aldrin	n/a	=	84	%	EPA 608	-88	-88	42	122	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Aldrin	n/a	=	84	%	EPA 608	-88	-88	42	122	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	Aldrin	n/a	=	0.5	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Aldrin	n/a	<	0.0075	µg/L	EPA 608	0.0075	0.025			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	alpha-BHC	n/a	=	0.384	µg/L	EPA 608	0.009	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	alpha-BHC	n/a	=	0.382	µg/L	EPA 608	0.009	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	alpha-BHC	n/a	=	76	%	EPA 608	-88	-88	37	134	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	alpha-BHC	n/a	=	77	%	EPA 608	-88	-88	37	134	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	alpha-BHC	n/a	=	0.5	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	alpha-BHC	n/a	<	0.009	µg/L	EPA 608	0.009	0.05			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	0.414	µg/L	EPA 608	0.0065	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	0.42	µg/L	EPA 608	0.0065	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	84	%	EPA 608	-88	-88	70	130	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	83	%	EPA 608	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	alpha-Chlordane	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	alpha-Chlordane	n/a	<	0.0065	µg/L	EPA 608	0.0065	0.05			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Atrazine	n/a	=	5.34	µg/L	EPA 525.2	0.047	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Atrazine	n/a	=	5.59	µg/L	EPA 525.2	0.047	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Atrazine	n/a	=	112	%	EPA 525.2	-88	-88	53	142	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Atrazine	n/a	=	107	%	EPA 525.2	-88	-88	53	142	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Atrazine	n/a	=	5	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Atrazine	n/a	=	5.34	µg/L	EPA 525.2	0.047	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Atrazine	n/a	=	107	%	EPA 525.2	-88	-88	68	133	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Azinphos methyl	n/a	=	0.118	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Azinphos methyl	n/a	=	0.0812	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Azinphos methyl	n/a	=	162	%	EPA 525.2	-88	-88	53	303	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Azinphos methyl	n/a	=	237	%	EPA 525.2	-88	-88	53	303	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Azinphos methyl	n/a	=	37	%	EPA 525.2	-88	-88	0	25	IL
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Bentazon	n/a	=	1.64	µg/L	EPA 515.3	0.23	1			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Bentazon	n/a	=	82	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	Bentazon	n/a	=	8.62	µg/L	EPA 515.3	0.23	2			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	Bentazon	n/a	=	10.5	µg/L	EPA 515.3	0.23	2			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	Bentazon	n/a	=	524	%	EPA 515.3	-88	-88	70	130	GB
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	Bentazon	n/a	=	431	%	EPA 515.3	-88	-88	70	130	GB
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	Bentazon	n/a	=	20	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	beta-BHC	n/a	=	0.401	µg/L	EPA 608	0.016	0.025			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	beta-BHC	n/a	=	0.408	µg/L	EPA 608	0.016	0.025			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	beta-BHC	n/a	=	82	%	EPA 608	-88	-88	14	147	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	beta-BHC	n/a	=	80	%	EPA 608	-88	-88	14	147	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	beta-BHC	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	beta-BHC	n/a	<	0.016	µg/L	EPA 608	0.016	0.025			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Bolstar	n/a	=	0.0415	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Bolstar	n/a	=	0.037	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Bolstar	n/a	=	74	%	EPA 525.2	-88	-88	70	214	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Bolstar	n/a	=	83	%	EPA 525.2	-88	-88	70	214	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Bolstar	n/a	=	11	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Bromacil	n/a	=	4.51	µg/L	EPA 525.2	0.9	1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Bromacil	n/a	=	4.95	µg/L	EPA 525.2	0.9	1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Bromacil	n/a	=	99	%	EPA 525.2	-88	-88	71	182	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Bromacil	n/a	=	90	%	EPA 525.2	-88	-88	71	182	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Bromacil	n/a	=	9	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Bromacil	n/a	=	4.78	µg/L	EPA 525.2	0.9	1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Bromacil	n/a	=	96	%	EPA 525.2	-88	-88	43	177	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Butachlor	n/a	=	4.64	µg/L	EPA 525.2	0.1	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Butachlor	n/a	=	4.63	µg/L	EPA 525.2	0.1	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Butachlor	n/a	=	93	%	EPA 525.2	-88	-88	67	181	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Butachlor	n/a	=	93	%	EPA 525.2	-88	-88	67	181	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Butachlor	n/a	=	0.2	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Butachlor	n/a	=	5.04	µg/L	EPA 525.2	0.1	0.2			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Butachlor	n/a	=	101	%	EPA 525.2	-88	-88	55	178	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Captan	n/a	=	6.03	µg/L	EPA 525.2	0.86	1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Captan	n/a	=	6.27	µg/L	EPA 525.2	0.86	1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Captan	n/a	=	125	%	EPA 525.2	-88	-88	45	182	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Captan	n/a	=	121	%	EPA 525.2	-88	-88	45	182	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Captan	n/a	=	4	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Captan	n/a	=	6.04	µg/L	EPA 525.2	0.86	1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Captan	n/a	=	121	%	EPA 525.2	-88	-88	20	215	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Chlordane (technical)	n/a	<	0.4	µg/L	EPA 608	0.4	0.5			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Chloropropham	n/a	=	5.63	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Chloropropham	n/a	=	5.7	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Chloropropham	n/a	=	114	%	EPA 525.2	-88	-88	76	137	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Chloropropham	n/a	=	113	%	EPA 525.2	-88	-88	76	137	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Chloropropham	n/a	=	1	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Chloropropham	n/a	=	5.43	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Chloropropham	n/a	=	109	%	EPA 525.2	-88	-88	74	133	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Chlorpyrifos	n/a	=	0.0411	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Chlorpyrifos	n/a	=	0.0459	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Chlorpyrifos	n/a	=	92	%	EPA 525.2	-88	-88	70	131	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Chlorpyrifos	n/a	=	82	%	EPA 525.2	-88	-88	70	131	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Chlorpyrifos	n/a	=	11	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Coumaphos	n/a	=	0.0682	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Coumaphos	n/a	=	0.0604	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Coumaphos	n/a	=	121	%	EPA 525.2	-88	-88	70	271	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Coumaphos	n/a	=	136	%	EPA 525.2	-88	-88	70	271	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Coumaphos	n/a	=	12	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Cyanazine	n/a	=	5	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Cyanazine	n/a	=	5.15	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Cyanazine	n/a	=	103	%	EPA 525.2	-88	-88	26	145	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Cyanazine	n/a	=	100	%	EPA 525.2	-88	-88	26	145	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Cyanazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Cyanazine	n/a	=	5	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Cyanazine	n/a	=	100	%	EPA 525.2	-88	-88	69	131	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Dalapon	n/a	=	1.92	µg/L	EPA 515.3	0.04	0.4			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Dalapon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	Dalapon	n/a	=	1.99	µg/L	EPA 515.3	0.04	0.4			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	Dalapon	n/a	=	1.92	µg/L	EPA 515.3	0.04	0.4			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	Dalapon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	Dalapon	n/a	=	100	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	Dalapon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	DCPA (Dacthal)	n/a	=	1.74	µg/L	EPA 515.3	0.02	0.1			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	DCPA (Dacthal)	n/a	=	87	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	DCPA (Dacthal)	n/a	=	1.94	µg/L	EPA 515.3	0.02	0.1			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	DCPA (Dacthal)	n/a	=	1.89	µg/L	EPA 515.3	0.02	0.1			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	DCPA (Dacthal)	n/a	=	94	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	DCPA (Dacthal)	n/a	=	97	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	DCPA (Dacthal)	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	delta-BHC	n/a	=	0.392	µg/L	EPA 608	0.012	0.025			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	delta-BHC	n/a	=	0.397	µg/L	EPA 608	0.012	0.025			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	delta-BHC	n/a	=	79	%	EPA 608	-88	-88	19	140	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	delta-BHC	n/a	=	78	%	EPA 608	-88	-88	19	140	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	delta-BHC	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	delta-BHC	n/a	<	0.012	µg/L	EPA 608	0.012	0.025			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Demeton-O	n/a	=	0.0431	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Demeton-O	n/a	=	0.0476	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Demeton-O	n/a	=	95	%	EPA 525.2	-88	-88	37	295	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Demeton-O	n/a	=	86	%	EPA 525.2	-88	-88	37	295	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Demeton-O	n/a	=	10	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Demeton-S	n/a	=	0.0442	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Demeton-S	n/a	=	0.0457	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Demeton-S	n/a	=	91	%	EPA 525.2	-88	-88	70	159	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Demeton-S	n/a	=	88	%	EPA 525.2	-88	-88	70	159	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Demeton-S	n/a	=	3	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Diazinon	n/a	=	0.047	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Diazinon	n/a	=	0.052	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Diazinon	n/a	=	104	%	EPA 525.2	-88	-88	70	163	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Diazinon	n/a	=	94	%	EPA 525.2	-88	-88	70	163	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Diazinon	n/a	=	10	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Dicamba	n/a	=	1.45	µg/L	EPA 515.3	0.08	0.6			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Dicamba	n/a	=	72	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	Dicamba	n/a	=	1.53	µg/L	EPA 515.3	0.08	0.6			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	Dicamba	n/a	=	1.74	µg/L	EPA 515.3	0.08	0.6			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	Dicamba	n/a	=	87	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	Dicamba	n/a	=	77	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	Dicamba	n/a	=	13	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Dichlorprop	n/a	=	2.19	µg/L	EPA 515.3	0.06	0.3			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Dichlorprop	n/a	=	109	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	Dichlorprop	n/a	=	1.88	µg/L	EPA 515.3	0.06	0.3			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	Dichlorprop	n/a	=	1.85	µg/L	EPA 515.3	0.06	0.3			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	Dichlorprop	n/a	=	93	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	Dichlorprop	n/a	=	94	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	Dichlorprop	n/a	=	2	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Dichlorvos	n/a	=	0.0517	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Dichlorvos	n/a	=	0.0553	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Dichlorvos	n/a	=	111	%	EPA 525.2	-88	-88	70	161	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Dichlorvos	n/a	=	103	%	EPA 525.2	-88	-88	70	161	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Dichlorvos	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Dieldrin	n/a	=	0.429	µg/L	EPA 608	0.01	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	Dieldrin	n/a	=	0.43	µg/L	EPA 608	0.01	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	Dieldrin	n/a	=	86	%	EPA 608	-88	-88	36	146	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Dieldrin	n/a	=	86	%	EPA 608	-88	-88	36	146	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	Dieldrin	n/a	=	0.4	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Dieldrin	n/a	<	0.01	µg/L	EPA 608	0.01	0.05			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Dimethoate	n/a	=	0.0545	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Dimethoate	n/a	=	0.0532	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Dimethoate	n/a	=	106	%	EPA 525.2	-88	-88	70	352	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Dimethoate	n/a	=	109	%	EPA 525.2	-88	-88	70	352	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Dimethoate	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Dinoseb	n/a	=	1.66	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Dinoseb	n/a	=	83	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	Dinoseb	n/a	=	1.8	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	Dinoseb	n/a	=	1.74	µg/L	EPA 515.3	0.05	0.4			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	Dinoseb	n/a	=	87	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	Dinoseb	n/a	=	90	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	Dinoseb	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Diphenamid	n/a	=	5.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Diphenamid	n/a	=	5.04	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Diphenamid	n/a	=	101	%	EPA 525.2	-88	-88	86	130	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	86	130	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Diphenamid	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Diphenamid	n/a	=	5.2	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Diphenamid	n/a	=	104	%	EPA 525.2	-88	-88	82	144	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Disulfoton	n/a	=	0.0309	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Disulfoton	n/a	=	0.0228	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Disulfoton	n/a	=	46	%	EPA 525.2	-88	-88	56	269	EUM
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Disulfoton	n/a	=	62	%	EPA 525.2	-88	-88	56	269	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Disulfoton	n/a	=	30	%	EPA 525.2	-88	-88	0	25	IL
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Endosulfan I	n/a	=	0.388	µg/L	EPA 608	0.0085	0.1			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	Endosulfan I	n/a	=	0.391	µg/L	EPA 608	0.0085	0.1			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	Endosulfan I	n/a	=	78	%	EPA 608	-88	-88	45	153	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Endosulfan I	n/a	=	78	%	EPA 608	-88	-88	45	153	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	Endosulfan I	n/a	=	0.8	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Endosulfan I	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.1			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Endosulfan II	n/a	=	0.395	µg/L	EPA 608	0.0095	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	Endosulfan II	n/a	=	0.386	µg/L	EPA 608	0.0095	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	Endosulfan II	n/a	=	77	%	EPA 608	-88	-88	2	202	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Endosulfan II	n/a	=	79	%	EPA 608	-88	-88	2	202	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	Endosulfan II	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Endosulfan II	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	0.384	µg/L	EPA 608	0.04	0.25			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	0.447	µg/L	EPA 608	0.04	0.25			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	89	%	EPA 608	-88	-88	26	144	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	77	%	EPA 608	-88	-88	26	144	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	Endosulfan sulfate	n/a	=	15	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Endosulfan sulfate	n/a	<	0.04	µg/L	EPA 608	0.04	0.25			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Endrin	n/a	=	0.372	µg/L	EPA 608	0.014	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	Endrin	n/a	=	0.373	µg/L	EPA 608	0.014	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	Endrin	n/a	=	75	%	EPA 608	-88	-88	30	147	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Endrin	n/a	=	74	%	EPA 608	-88	-88	30	147	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	Endrin	n/a	=	0.1	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Endrin	n/a	<	0.014	µg/L	EPA 608	0.014	0.05			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	0.389	µg/L	EPA 608	0.015	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	0.406	µg/L	EPA 608	0.015	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	81	%	EPA 608	-88	-88	41	203	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	78	%	EPA 608	-88	-88	41	203	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	Endrin aldehyde	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Endrin aldehyde	n/a	<	0.015	µg/L	EPA 608	0.015	0.05			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	EPTC	n/a	=	4.7	µg/L	EPA 525.2	0.23	1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	EPTC	n/a	=	4.77	µg/L	EPA 525.2	0.23	1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	EPTC	n/a	=	95	%	EPA 525.2	-88	-88	67	119	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	67	119	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	EPTC	n/a	=	1	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	EPTC	n/a	=	4.7	µg/L	EPA 525.2	0.23	1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	EPTC	n/a	=	94	%	EPA 525.2	-88	-88	75	110	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Ethoprop	n/a	=	0.0452	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Ethoprop	n/a	=	0.0499	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Ethoprop	n/a	=	100	%	EPA 525.2	-88	-88	70	155	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Ethoprop	n/a	=	90	%	EPA 525.2	-88	-88	70	155	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Ethoprop	n/a	=	10	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Ethyl parathion	n/a	=	0.0487	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Ethyl parathion	n/a	=	0.0494	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Ethyl parathion	n/a	=	99	%	EPA 525.2	-88	-88	70	242	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Ethyl parathion	n/a	=	97	%	EPA 525.2	-88	-88	70	242	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Ethyl parathion	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Fensulfothion	n/a	=	0.0573	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Fensulfothion	n/a	=	0.0608	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Fensulfothion	n/a	=	122	%	EPA 525.2	-88	-88	70	169	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Fensulfothion	n/a	=	115	%	EPA 525.2	-88	-88	70	169	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Fensulfothion	n/a	=	6	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Fenthion	n/a	=	0.0351	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Fenthion	n/a	=	0.0401	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Fenthion	n/a	=	80	%	EPA 525.2	-88	-88	70	163	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Fenthion	n/a	=	70	%	EPA 525.2	-88	-88	70	163	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Fenthion	n/a	=	13	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.396	µg/L	EPA 608	0.01	0.1			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.39	µg/L	EPA 608	0.01	0.1			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	78	%	EPA 608	-88	-88	32	127	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	79	%	EPA 608	-88	-88	32	127	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	1	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	gamma-BHC (Lindane)	n/a	<	0.01	µg/L	EPA 608	0.01	0.1			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	0.419	µg/L	EPA 608	0.007	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	0.426	µg/L	EPA 608	0.007	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	85	%	EPA 608	-88	-88	70	130	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	84	%	EPA 608	-88	-88	70	130	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	gamma-Chlordane	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	gamma-Chlordane	n/a	<	0.007	µg/L	EPA 608	0.007	0.05			X
2009/10-3A	000NONPJ	matrix spike	2/25/2010	Pesticide	Glyphosate	n/a	=	26.8	µg/L	EPA 547	1.8	5			X
2009/10-3A	000NONPJ	matrix spike	2/25/2010	Pesticide	Glyphosate	n/a	=	26.1	µg/L	EPA 547	1.8	5			X
2009/10-3A	000NONPJ	matrix spike dup	2/25/2010	Pesticide	Glyphosate	n/a	=	23	µg/L	EPA 547	1.8	5			X
2009/10-3A	000NONPJ	matrix spike dup	2/25/2010	Pesticide	Glyphosate	n/a	=	26.9	µg/L	EPA 547	1.8	5			X
2009/10-3A	000NONPJ	matrix spike dup, rec	2/25/2010	Pesticide	Glyphosate	n/a	=	92	%	EPA 547	-88	-88	68	134	X
2009/10-3A	000NONPJ	matrix spike dup, rec	2/25/2010	Pesticide	Glyphosate	n/a	=	108	%	EPA 547	-88	-88	68	134	X
2009/10-3A	000NONPJ	matrix spike, rec	2/25/2010	Pesticide	Glyphosate	n/a	=	107	%	EPA 547	-88	-88	68	134	X
2009/10-3A	000NONPJ	matrix spike, rec	2/25/2010	Pesticide	Glyphosate	n/a	=	104	%	EPA 547	-88	-88	68	134	X
2009/10-3A	000NONPJ	matrix spike, RPD	2/25/2010	Pesticide	Glyphosate	n/a	=	12	%	EPA 547	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike, RPD	2/25/2010	Pesticide	Glyphosate	n/a	=	0.6	%	EPA 547	-88	-88	0	30	X
2009/10-3A	Lab	LCS	2/25/2010	Pesticide	Glyphosate	n/a	=	22.8	µg/L	EPA 547	1.8	5			X
2009/10-3A	Lab	LCS, rec	2/25/2010	Pesticide	Glyphosate	n/a	=	91	%	EPA 547	-88	-88	71	137	X
2009/10-3A	Lab	method blank	2/25/2010	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Heptachlor	n/a	=	0.403	µg/L	EPA 608	0.0085	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	Heptachlor	n/a	=	0.4	µg/L	EPA 608	0.0085	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	Heptachlor	n/a	=	80	%	EPA 608	-88	-88	34	111	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Heptachlor	n/a	=	81	%	EPA 608	-88	-88	34	111	X
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	Heptachlor	n/a	=	0.8	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Heptachlor	n/a	<	0.0085	µg/L	EPA 608	0.0085	0.05			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	0.414	µg/L	EPA 608	0.0095	0.05			X
2009/10-3A	Lab	LCS dup	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	0.424	µg/L	EPA 608	0.0095	0.05			X
2009/10-3A	Lab	LCS dup, rec	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	85	%	EPA 608	-88	-88	37	142	X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	83	%	EPA 608	-88	-88	37	142	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS, RPD	3/4/2010	Pesticide	Heptachlor epoxide	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Heptachlor epoxide	n/a	<	0.0095	µg/L	EPA 608	0.0095	0.05			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Malathion	n/a	=	0.0553	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Malathion	n/a	=	0.0671	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Malathion	n/a	=	134	%	EPA 525.2	-88	-88	70	208	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Malathion	n/a	=	111	%	EPA 525.2	-88	-88	70	208	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Malathion	n/a	=	19	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Merphos	n/a	=	0.0577	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Merphos	n/a	=	0.0705	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Merphos	n/a	=	141	%	EPA 525.2	-88	-88	70	161	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Merphos	n/a	=	115	%	EPA 525.2	-88	-88	70	161	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Merphos	n/a	=	20	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Methoxychlor	n/a	<	0.027	µg/L	EPA 608	0.027	0.1			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Methyl parathion	n/a	=	0.0546	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Methyl parathion	n/a	=	0.0534	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Methyl parathion	n/a	=	107	%	EPA 525.2	-88	-88	70	229	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Methyl parathion	n/a	=	109	%	EPA 525.2	-88	-88	70	229	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Methyl parathion	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Metolachlor	n/a	=	4.5	µg/L	EPA 525.2	0.056	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Metolachlor	n/a	=	4.46	µg/L	EPA 525.2	0.056	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Metolachlor	n/a	=	89	%	EPA 525.2	-88	-88	53	178	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Metolachlor	n/a	=	90	%	EPA 525.2	-88	-88	53	178	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Metolachlor	n/a	=	0.9	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Metolachlor	n/a	=	4.73	µg/L	EPA 525.2	0.056	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Metolachlor	n/a	=	95	%	EPA 525.2	-88	-88	55	170	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Metribuzin	n/a	=	4.08	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Metribuzin	n/a	=	4.48	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Metribuzin	n/a	=	90	%	EPA 525.2	-88	-88	64	155	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Metribuzin	n/a	=	82	%	EPA 525.2	-88	-88	64	155	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Metribuzin	n/a	=	9	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Metribuzin	n/a	=	4.41	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Metribuzin	n/a	=	88	%	EPA 525.2	-88	-88	44	149	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Mevinphos	n/a	=	0.0396	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Mevinphos	n/a	=	0.0419	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Mevinphos	n/a	=	84	%	EPA 525.2	-88	-88	70	148	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Mevinphos	n/a	=	79	%	EPA 525.2	-88	-88	70	148	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Mevinphos	n/a	=	6	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Mirex	n/a	<	0.05	µg/L	EPA 608	0.05	0.05			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Molinate	n/a	=	4.91	µg/L	EPA 525.2	0.051	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Molinate	n/a	=	4.95	µg/L	EPA 525.2	0.051	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Molinate	n/a	=	99	%	EPA 525.2	-88	-88	68	125	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Molinate	n/a	=	98	%	EPA 525.2	-88	-88	68	125	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Molinate	n/a	=	0.8	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Molinate	n/a	=	4.85	µg/L	EPA 525.2	0.051	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Molinate	n/a	=	97	%	EPA 525.2	-88	-88	76	116	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Naled	n/a	=	0.142	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Naled	n/a	=	0.145	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Naled	n/a	=	289	%	EPA 525.2	-88	-88	70	299	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Naled	n/a	=	283	%	EPA 525.2	-88	-88	70	299	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Naled	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Pentachlorophenol	n/a	=	2.14	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Pentachlorophenol	n/a	=	107	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	Pentachlorophenol	n/a	=	2.23	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	Pentachlorophenol	n/a	=	2.21	µg/L	EPA 515.3	0.02	0.2			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	Pentachlorophenol	n/a	=	110	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	Pentachlorophenol	n/a	=	111	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	Pentachlorophenol	n/a	=	0.8	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Phorate	n/a	=	0.0373	µg/L	EPA 525.2	0.003	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Phorate	n/a	=	0.039	µg/L	EPA 525.2	0.003	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Phorate	n/a	=	78	%	EPA 525.2	-88	-88	70	243	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Phorate	n/a	=	75	%	EPA 525.2	-88	-88	70	243	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Phorate	n/a	=	5	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			X
2009/10-3A	Lab	LCS	3/4/2010	Pesticide	Picloram	n/a	=	2.07	µg/L	EPA 515.3	0.34	0.6			X
2009/10-3A	Lab	LCS, rec	3/4/2010	Pesticide	Picloram	n/a	=	103	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6			X
2009/10-3A	ME-SCR	matrix spike	3/4/2010	Pesticide	Picloram	n/a	=	2.18	µg/L	EPA 515.3	0.34	0.6			X
2009/10-3A	ME-SCR	matrix spike dup	3/4/2010	Pesticide	Picloram	n/a	=	2.1	µg/L	EPA 515.3	0.34	0.6			X
2009/10-3A	ME-SCR	matrix spike dup, rec	3/4/2010	Pesticide	Picloram	n/a	=	105	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, rec	3/4/2010	Pesticide	Picloram	n/a	=	109	%	EPA 515.3	-88	-88	70	130	X
2009/10-3A	ME-SCR	matrix spike, RPD	3/4/2010	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Prometon	n/a	=	2.53	µg/L	EPA 525.2	0.16	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Prometon	n/a	=	3.61	µg/L	EPA 525.2	0.16	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Prometon	n/a	=	72	%	EPA 525.2	-88	-88	5	148	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Prometon	n/a	=	51	%	EPA 525.2	-88	-88	5	148	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Prometon	n/a	=	35	%	EPA 525.2	-88	-88	0	30	IL
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Prometon	n/a	=	2.97	µg/L	EPA 525.2	0.16	0.2			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Prometon	n/a	=	59	%	EPA 525.2	-88	-88	6	110	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Prometryn	n/a	=	4.19	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Prometryn	n/a	=	4.43	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Prometryn	n/a	=	89	%	EPA 525.2	-88	-88	44	169	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Prometryn	n/a	=	84	%	EPA 525.2	-88	-88	44	169	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Prometryn	n/a	=	6	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Prometryn	n/a	=	4.56	µg/L	EPA 525.2	0.074	0.1			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Prometryn	n/a	=	91	%	EPA 525.2	-88	-88	34	152	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0423	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0488	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	98	%	EPA 525.2	-88	-88	70	145	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	85	%	EPA 525.2	-88	-88	70	145	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	14	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Simazine	n/a	=	3.54	µg/L	EPA 525.2	0.083	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Simazine	n/a	=	3.95	µg/L	EPA 525.2	0.083	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Simazine	n/a	=	79	%	EPA 525.2	-88	-88	53	152	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Simazine	n/a	=	71	%	EPA 525.2	-88	-88	53	152	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Simazine	n/a	=	11	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Simazine	n/a	=	3.88	µg/L	EPA 525.2	0.083	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Simazine	n/a	=	78	%	EPA 525.2	-88	-88	54	156	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.117	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.129	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	258	%	EPA 525.2	-88	-88	70	278	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	235	%	EPA 525.2	-88	-88	70	278	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	9	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Terbacil	n/a	=	4.87	µg/L	EPA 525.2	0.55	2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Terbacil	n/a	=	5.27	µg/L	EPA 525.2	0.55	2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Terbacil	n/a	=	105	%	EPA 525.2	-88	-88	56	159	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Terbacil	n/a	=	97	%	EPA 525.2	-88	-88	56	159	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Terbacil	n/a	=	8	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Terbacil	n/a	=	5.14	µg/L	EPA 525.2	0.55	2			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Terbacil	n/a	=	103	%	EPA 525.2	-88	-88	66	140	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Thiobencarb	n/a	=	4.06	µg/L	EPA 525.2	0.11	0.2			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Thiobencarb	n/a	=	4.08	µg/L	EPA 525.2	0.11	0.2			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Thiobencarb	n/a	=	82	%	EPA 525.2	-88	-88	71	160	X
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Thiobencarb	n/a	=	81	%	EPA 525.2	-88	-88	71	160	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Thiobencarb	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Thiobencarb	n/a	=	4.35	µg/L	EPA 525.2	0.11	0.2			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Thiobencarb	n/a	=	87	%	EPA 525.2	-88	-88	57	162	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Tokuthion	n/a	=	0.0347	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Tokuthion	n/a	=	0.0407	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Tokuthion	n/a	=	81	%	EPA 525.2	-88	-88	70	122	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Tokuthion	n/a	=	69	%	EPA 525.2	-88	-88	70	122	EUM
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Tokuthion	n/a	=	16	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-3A	Lab	method blank	3/4/2010	Pesticide	Toxaphene	n/a	<	0.6	µg/L	EPA 608	0.6	2.5			X
2009/10-3A	Lab	LCS	3/10/2010	Pesticide	Trichloronate	n/a	=	0.0348	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3A	Lab	LCS dup	3/10/2010	Pesticide	Trichloronate	n/a	=	0.041	µg/L	EPA 525.2	0.0067	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-3A	Lab	LCS dup, rec	3/10/2010	Pesticide	Trichloronate	n/a	=	82	%	EPA 525.2	-88	-88	70	122	X
2009/10-3A	Lab	LCS, rec	3/10/2010	Pesticide	Trichloronate	n/a	=	70	%	EPA 525.2	-88	-88	70	122	X
2009/10-3A	Lab	LCS, RPD	3/10/2010	Pesticide	Trichloronate	n/a	=	16	%	EPA 525.2	-88	-88	0	25	X
2009/10-3A	Lab	method blank	3/10/2010	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-3A	000NONPJ	matrix spike	3/3/2010	Pesticide	Trithion	n/a	=	4.58	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3A	000NONPJ	matrix spike dup	3/3/2010	Pesticide	Trithion	n/a	=	4.24	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3A	000NONPJ	matrix spike dup, rec	3/3/2010	Pesticide	Trithion	n/a	=	85	%	EPA 525.2	-88	-88	86	144	GB
2009/10-3A	000NONPJ	matrix spike, rec	3/3/2010	Pesticide	Trithion	n/a	=	92	%	EPA 525.2	-88	-88	86	144	X
2009/10-3A	000NONPJ	matrix spike, RPD	3/3/2010	Pesticide	Trithion	n/a	=	8	%	EPA 525.2	-88	-88	0	30	X
2009/10-3A	Lab	LCS	3/3/2010	Pesticide	Trithion	n/a	=	5.08	µg/L	EPA 525.2	0.01	0.1			X
2009/10-3A	Lab	LCS, rec	3/3/2010	Pesticide	Trithion	n/a	=	102	%	EPA 525.2	-88	-88	62	149	X
2009/10-3A	Lab	method blank	3/3/2010	Pesticide	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-4	000NONPJ	matrix spike	3/23/2010	Anion	Chloride	n/a	=	42.9	mg/L	EPA 300.0	0.4	2.5			X
2009/10-4	000NONPJ	matrix spike dup	3/23/2010	Anion	Chloride	n/a	=	42.6	mg/L	EPA 300.0	0.4	2.5			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/23/2010	Anion	Chloride	n/a	=	100	%	EPA 300.0	-88	-88	72	118	X
2009/10-4	000NONPJ	matrix spike, rec	3/23/2010	Anion	Chloride	n/a	=	101	%	EPA 300.0	-88	-88	72	118	X
2009/10-4	000NONPJ	matrix spike, RPD	3/23/2010	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	X
2009/10-4	000NONPJ	matrix spike	3/24/2010	Anion	Chloride	n/a	=	188	mg/L	EPA 300.0	0.4	2.5			X
2009/10-4	000NONPJ	matrix spike dup	3/24/2010	Anion	Chloride	n/a	=	188	mg/L	EPA 300.0	0.4	2.5			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/24/2010	Anion	Chloride	n/a	=	76	%	EPA 300.0	-88	-88	72	118	X
2009/10-4	000NONPJ	matrix spike, rec	3/24/2010	Anion	Chloride	n/a	=	75	%	EPA 300.0	-88	-88	72	118	X
2009/10-4	000NONPJ	matrix spike, RPD	3/24/2010	Anion	Chloride	n/a	=	0.09	%	EPA 300.0	-88	-88	0	20	X
2009/10-4	Lab	LCS	3/23/2010	Anion	Chloride	n/a	=	3.84	mg/L	EPA 300.0	0.079	0.5			X
2009/10-4	Lab	LCS, rec	3/23/2010	Anion	Chloride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/23/2010	Anion	Chloride	n/a	<	0.079	mg/L	EPA 300.0	0.079	0.5			X
2009/10-4	Lab	LCS	3/24/2010	Anion	Chloride	n/a	=	3.88	mg/L	EPA 300.0	0.079	0.5			X
2009/10-4	Lab	LCS, rec	3/24/2010	Anion	Chloride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/24/2010	Anion	Chloride	n/a	<	0.079	mg/L	EPA 300.0	0.079	0.5			X
2009/10-4	ME-CC	matrix spike	3/23/2010	Anion	Chloride	n/a	=	263	mg/L	EPA 300.0	0.79	5			X
2009/10-4	ME-CC	matrix spike dup	3/23/2010	Anion	Chloride	n/a	=	265	mg/L	EPA 300.0	0.79	5			X
2009/10-4	ME-CC	matrix spike dup, rec	3/23/2010	Anion	Chloride	n/a	=	120	%	EPA 300.0	-88	-88	72	118	GB
2009/10-4	ME-CC	matrix spike, rec	3/23/2010	Anion	Chloride	n/a	=	115	%	EPA 300.0	-88	-88	72	118	X
2009/10-4	ME-CC	matrix spike, RPD	3/23/2010	Anion	Chloride	n/a	=	0.7	%	EPA 300.0	-88	-88	0	20	X
2009/10-4	MO-CAM	matrix spike	3/24/2010	Anion	Chloride	n/a	=	361	mg/L	EPA 300.0	0.79	5			X
2009/10-4	MO-CAM	matrix spike dup	3/24/2010	Anion	Chloride	n/a	=	363	mg/L	EPA 300.0	0.79	5			X
2009/10-4	MO-CAM	matrix spike dup, rec	3/24/2010	Anion	Chloride	n/a	=	51	%	EPA 300.0	-88	-88	72	118	GB
2009/10-4	MO-CAM	matrix spike, rec	3/24/2010	Anion	Chloride	n/a	=	46	%	EPA 300.0	-88	-88	72	118	GB
2009/10-4	MO-CAM	matrix spike, RPD	3/24/2010	Anion	Chloride	n/a	=	0.6	%	EPA 300.0	-88	-88	0	20	X
2009/10-4	000NONPJ	matrix spike	3/23/2010	Anion	Fluoride	n/a	=	9.71	mg/L	EPA 300.0	0.065	0.5			X
2009/10-4	000NONPJ	matrix spike dup	3/23/2010	Anion	Fluoride	n/a	=	9.7	mg/L	EPA 300.0	0.065	0.5			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/23/2010	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	79	109	X
2009/10-4	000NONPJ	matrix spike, rec	3/23/2010	Anion	Fluoride	n/a	=	93	%	EPA 300.0	-88	-88	79	109	X
2009/10-4	000NONPJ	matrix spike, RPD	3/23/2010	Anion	Fluoride	n/a	=	0.1	%	EPA 300.0	-88	-88	0	20	X
2009/10-4	000NONPJ	matrix spike	3/24/2010	Anion	Fluoride	n/a	=	10	mg/L	EPA 300.0	0.065	0.5			X
2009/10-4	000NONPJ	matrix spike dup	3/24/2010	Anion	Fluoride	n/a	=	10.1	mg/L	EPA 300.0	0.065	0.5			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/24/2010	Anion	Fluoride	n/a	=	100	%	EPA 300.0	-88	-88	79	109	X
2009/10-4	000NONPJ	matrix spike, rec	3/24/2010	Anion	Fluoride	n/a	=	99	%	EPA 300.0	-88	-88	79	109	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	000NONPJ	matrix spike, RPD	3/24/2010	Anion	Fluoride	n/a	=	0.4	%	EPA 300.0	-88	-88	0	20	X
2009/10-4	Lab	LCS	3/23/2010	Anion	Fluoride	n/a	=	1.92	mg/L	EPA 300.0	0.013	0.1			X
2009/10-4	Lab	LCS, rec	3/23/2010	Anion	Fluoride	n/a	=	96	%	EPA 300.0	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/23/2010	Anion	Fluoride	n/a	<	0.013	mg/L	EPA 300.0	0.013	0.1			X
2009/10-4	Lab	LCS	3/24/2010	Anion	Fluoride	n/a	=	1.93	mg/L	EPA 300.0	0.013	0.1			X
2009/10-4	Lab	LCS, rec	3/24/2010	Anion	Fluoride	n/a	=	97	%	EPA 300.0	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/24/2010	Anion	Fluoride	n/a	<	0.013	mg/L	EPA 300.0	0.013	0.1			X
2009/10-4	ME-CC	matrix spike	3/23/2010	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.13	1			X
2009/10-4	ME-CC	matrix spike dup	3/23/2010	Anion	Fluoride	n/a	=	19.4	mg/L	EPA 300.0	0.13	1			X
2009/10-4	ME-CC	matrix spike dup, rec	3/23/2010	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	X
2009/10-4	ME-CC	matrix spike, rec	3/23/2010	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	X
2009/10-4	ME-CC	matrix spike, RPD	3/23/2010	Anion	Fluoride	n/a	=	0.05	%	EPA 300.0	-88	-88	0	20	X
2009/10-4	MO-CAM	matrix spike	3/24/2010	Anion	Fluoride	n/a	=	19.6	mg/L	EPA 300.0	0.13	1			X
2009/10-4	MO-CAM	matrix spike dup	3/24/2010	Anion	Fluoride	n/a	=	19.8	mg/L	EPA 300.0	0.13	1			X
2009/10-4	MO-CAM	matrix spike dup, rec	3/24/2010	Anion	Fluoride	n/a	=	95	%	EPA 300.0	-88	-88	79	109	X
2009/10-4	MO-CAM	matrix spike, rec	3/24/2010	Anion	Fluoride	n/a	=	94	%	EPA 300.0	-88	-88	79	109	X
2009/10-4	MO-CAM	matrix spike, RPD	3/24/2010	Anion	Fluoride	n/a	=	0.9	%	EPA 300.0	-88	-88	0	20	X
2009/10-4	000NONPJ	matrix spike	3/31/2010	Anion	Perchlorate	n/a	=	8.06	µg/L	EPA 314.0	0.82	2			X
2009/10-4	000NONPJ	matrix spike dup	3/31/2010	Anion	Perchlorate	n/a	=	8.32	µg/L	EPA 314.0	0.82	2			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/31/2010	Anion	Perchlorate	n/a	=	83	%	EPA 314.0	-88	-88	80	120	X
2009/10-4	000NONPJ	matrix spike, rec	3/31/2010	Anion	Perchlorate	n/a	=	81	%	EPA 314.0	-88	-88	80	120	X
2009/10-4	000NONPJ	matrix spike, RPD	3/31/2010	Anion	Perchlorate	n/a	=	3	%	EPA 314.0	-88	-88	0	15	X
2009/10-4	000NONPJ	matrix spike	4/2/2010	Anion	Perchlorate	n/a	=	9.13	µg/L	EPA 314.0	0.82	2			X
2009/10-4	000NONPJ	matrix spike dup	4/2/2010	Anion	Perchlorate	n/a	=	9.21	µg/L	EPA 314.0	0.82	2			X
2009/10-4	000NONPJ	matrix spike dup, rec	4/2/2010	Anion	Perchlorate	n/a	=	80	%	EPA 314.0	-88	-88	80	120	X
2009/10-4	000NONPJ	matrix spike, rec	4/2/2010	Anion	Perchlorate	n/a	=	79	%	EPA 314.0	-88	-88	80	120	GB
2009/10-4	000NONPJ	matrix spike, RPD	4/2/2010	Anion	Perchlorate	n/a	=	0.9	%	EPA 314.0	-88	-88	0	15	X
2009/10-4	Lab	LCS	3/31/2010	Anion	Perchlorate	n/a	=	9.04	µg/L	EPA 314.0	0.82	2			X
2009/10-4	Lab	LCS, rec	3/31/2010	Anion	Perchlorate	n/a	=	90	%	EPA 314.0	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/31/2010	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-4	Lab	LCS	4/2/2010	Anion	Perchlorate	n/a	=	9.13	µg/L	EPA 314.0	0.82	2			X
2009/10-4	Lab	LCS, rec	4/2/2010	Anion	Perchlorate	n/a	=	91	%	EPA 314.0	-88	-88	85	115	X
2009/10-4	Lab	method blank	4/2/2010	Anion	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2			X
2009/10-4	Lab	LCS	3/26/2010	Cation	Calcium	Total	=	49.1	mg/L	EPA 200.7	0.016	0.1			X
2009/10-4	Lab	LCS, rec	3/26/2010	Cation	Calcium	Total	=	98	%	EPA 200.7	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/26/2010	Cation	Calcium	Total	<	0.016	mg/L	EPA 200.7	0.016	0.1			X
2009/10-4	ME-SCR	matrix spike	3/26/2010	Cation	Calcium	Total	=	175	mg/L	EPA 200.7	0.016	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/26/2010	Cation	Calcium	Total	=	172	mg/L	EPA 200.7	0.016	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/26/2010	Cation	Calcium	Total	=	90	%	EPA 200.7	-88	-88	70	130	X
2009/10-4	ME-SCR	matrix spike, rec	3/26/2010	Cation	Calcium	Total	=	95	%	EPA 200.7	-88	-88	70	130	X
2009/10-4	ME-SCR	matrix spike, RPD	3/26/2010	Cation	Calcium	Total	=	1	%	EPA 200.7	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/26/2010	Cation	Magnesium	Total	=	49.3	mg/L	EPA 200.7	0.012	0.1			X
2009/10-4	Lab	LCS, rec	3/26/2010	Cation	Magnesium	Total	=	99	%	EPA 200.7	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/26/2010	Cation	Magnesium	Total	<	0.012	mg/L	EPA 200.7	0.012	0.1			X
2009/10-4	ME-SCR	matrix spike	3/26/2010	Cation	Magnesium	Total	=	91.7	mg/L	EPA 200.7	0.012	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/26/2010	Cation	Magnesium	Total	=	90.6	mg/L	EPA 200.7	0.012	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/26/2010	Cation	Magnesium	Total	=	98	%	EPA 200.7	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	matrix spike, rec	3/26/2010	Cation	Magnesium	Total	=	100	%	EPA 200.7	-88	-88	70	130	X
2009/10-4	ME-SCR	matrix spike, RPD	3/26/2010	Cation	Magnesium	Total	=	1	%	EPA 200.7	-88	-88	0	30	X
2009/10-4	000NONPJ	lab duplicate	3/22/2010	Conventional	Alkalinity as CaCO3	n/a	=	201	mg/L	SM 2320 B	1.2	10		15	X
2009/10-4	Lab	LCS	3/22/2010	Conventional	Alkalinity as CaCO3	n/a	=	254	mg/L	SM 2320 B	1.2	10			X
2009/10-4	Lab	LCS, rec	3/22/2010	Conventional	Alkalinity as CaCO3	n/a	=	101	%	SM 2320 B	-88	-88	94	108	X
2009/10-4	Lab	method blank	3/22/2010	Conventional	Alkalinity as CaCO3	n/a	DNQ	6.83	mg/L	SM 2320 B	1.2	10			X
2009/10-4	Lab	LCS	3/24/2010	Conventional	BOD	n/a	=	180	mg/L	SM 5210 B	0.1	2			X
2009/10-4	Lab	LCS, rec	3/24/2010	Conventional	BOD	n/a	=	91	%	SM 5210 B	-88	-88	85	115	X
2009/10-4	Lab	LCS	3/23/2010	Conventional	COD	n/a	=	99.9	mg/L	EPA 410.4	1.8	5			X
2009/10-4	Lab	LCS, rec	3/23/2010	Conventional	COD	n/a	=	100	%	EPA 410.4	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/23/2010	Conventional	COD	n/a	<	1.8	mg/L	EPA 410.4	1.8	5			X
2009/10-4	ME-CC	matrix spike	3/23/2010	Conventional	COD	n/a	=	219	mg/L	EPA 410.4	3.7	10			D
2009/10-4	ME-CC	matrix spike dup	3/23/2010	Conventional	COD	n/a	=	219	mg/L	EPA 410.4	3.7	10			D
2009/10-4	ME-CC	matrix spike dup, rec	3/23/2010	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	D
2009/10-4	ME-CC	matrix spike, rec	3/23/2010	Conventional	COD	n/a	=	101	%	EPA 410.4	-88	-88	90	110	D
2009/10-4	ME-CC	matrix spike, RPD	3/23/2010	Conventional	COD	n/a	=	0.04	%	EPA 410.4	-88	-88	0	15	D
2009/10-4	ME-SCR	matrix spike	3/23/2010	Conventional	COD	n/a	=	215	mg/L	EPA 410.4	3.7	10			D
2009/10-4	ME-SCR	matrix spike dup	3/23/2010	Conventional	COD	n/a	=	215	mg/L	EPA 410.4	3.7	10			D
2009/10-4	ME-SCR	matrix spike dup, rec	3/23/2010	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	D
2009/10-4	ME-SCR	matrix spike, rec	3/23/2010	Conventional	COD	n/a	=	102	%	EPA 410.4	-88	-88	90	110	D
2009/10-4	ME-SCR	matrix spike, RPD	3/23/2010	Conventional	COD	n/a	=	0.009	%	EPA 410.4	-88	-88	0	15	D
2009/10-4	Lab	LCS	3/26/2010	Conventional	Cyanide	Total	=	0.0464	mg/L	EPA 335.4	0.0027	0.005			
2009/10-4	Lab	LCS, rec	3/26/2010	Conventional	Cyanide	Total	=	93	%	EPA 335.4	-88	-88	90	110	
2009/10-4	Lab	method blank	3/26/2010	Conventional	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005			
2009/10-4	ME-VR2	matrix spike	3/26/2010	Conventional	Cyanide	Total	=	0.148	mg/L	EPA 335.4	0.0027	0.005			
2009/10-4	ME-VR2	matrix spike dup	3/26/2010	Conventional	Cyanide	Total	=	0.137	mg/L	EPA 335.4	0.0027	0.005			
2009/10-4	ME-VR2	matrix spike dup, rec	3/26/2010	Conventional	Cyanide	Total	=	68	%	EPA 335.4	-88	-88	90	110	GB
2009/10-4	ME-VR2	matrix spike, rec	3/26/2010	Conventional	Cyanide	Total	=	74	%	EPA 335.4	-88	-88	90	110	GB
2009/10-4	ME-VR2	matrix spike, RPD	3/26/2010	Conventional	Cyanide	Total	=	8	%	EPA 335.4	-88	-88	0	20	
2009/10-4	MO-CAM	matrix spike	3/26/2010	Conventional	Cyanide	Total	=	0.191	mg/L	EPA 335.4	0.0027	0.005			
2009/10-4	MO-CAM	matrix spike dup	3/26/2010	Conventional	Cyanide	Total	=	0.184	mg/L	EPA 335.4	0.0027	0.005			
2009/10-4	MO-CAM	matrix spike dup, rec	3/26/2010	Conventional	Cyanide	Total	=	92	%	EPA 335.4	-88	-88	90	110	
2009/10-4	MO-CAM	matrix spike, rec	3/26/2010	Conventional	Cyanide	Total	=	96	%	EPA 335.4	-88	-88	90	110	
2009/10-4	MO-CAM	matrix spike, RPD	3/26/2010	Conventional	Cyanide	Total	=	4	%	EPA 335.4	-88	-88	0	20	
2009/10-4	000NONPJ	matrix spike	3/18/2010	Conventional	MBAS	n/a	=	0.279	mg/L	SM 5540 C	0.019	0.05			X
2009/10-4	000NONPJ	matrix spike dup	3/18/2010	Conventional	MBAS	n/a	=	0.271	mg/L	SM 5540 C	0.019	0.05			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/18/2010	Conventional	MBAS	n/a	=	106	%	SM 5540 C	-88	-88	77	118	X
2009/10-4	000NONPJ	matrix spike, rec	3/18/2010	Conventional	MBAS	n/a	=	110	%	SM 5540 C	-88	-88	77	118	X
2009/10-4	000NONPJ	matrix spike, RPD	3/18/2010	Conventional	MBAS	n/a	=	3	%	SM 5540 C	-88	-88	0	20	X
2009/10-4	Lab	LCS	3/18/2010	Conventional	MBAS	n/a	=	0.194	mg/L	SM 5540 C	0.019	0.05			X
2009/10-4	Lab	LCS, rec	3/18/2010	Conventional	MBAS	n/a	=	97	%	SM 5540 C	-88	-88	79	113	X
2009/10-4	Lab	method blank	3/18/2010	Conventional	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05			X
2009/10-4	000NONPJ	lab duplicate	3/18/2010	Conventional	pH	n/a	=	7.59	pH Units	SM 4500-H+ B	0.1	0.1		3.24	
2009/10-4	Lab	CRM	3/18/2010	Conventional	pH	n/a	=	6.83	pH Units	SM 4500-H+ B	0.1	0.1			
2009/10-4	Lab	CRM, rec	3/18/2010	Conventional	pH	n/a	=	100	%	SM 4500-H+ B	-88	-88	96.7	102	
2009/10-4	Lab	LCS	3/31/2010	Conventional	Phenolics	n/a	=	0.0968	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-4	Lab	LCS, rec	3/31/2010	Conventional	Phenolics	n/a	=	97	%	EPA 420.4	-88	-88	90	110	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	method blank	3/31/2010	Conventional	Phenolics	n/a	<	0.0016	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-4	MO-VEN	matrix spike	3/31/2010	Conventional	Phenolics	n/a	=	0.152	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-4	MO-VEN	matrix spike dup	3/31/2010	Conventional	Phenolics	n/a	=	0.145	mg/L	EPA 420.4	0.0016	0.01			X
2009/10-4	MO-VEN	matrix spike dup, rec	3/31/2010	Conventional	Phenolics	n/a	=	93	%	EPA 420.4	-88	-88	90	110	X
2009/10-4	MO-VEN	matrix spike, rec	3/31/2010	Conventional	Phenolics	n/a	=	100	%	EPA 420.4	-88	-88	90	110	X
2009/10-4	MO-VEN	matrix spike, RPD	3/31/2010	Conventional	Phenolics	n/a	=	5	%	EPA 420.4	-88	-88	0	20	X
2009/10-4	000NONPJ	lab duplicate	3/22/2010	Conventional	Specific Conductance	n/a	=	440	µmhos/cm	SM 2510 B	0.23	2		4.28	X
2009/10-4	Lab	LCS	3/22/2010	Conventional	Specific Conductance	n/a	=	200	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Conventional	Specific Conductance	n/a	=	100	%	SM 2510 B	-88	-88	95	105	X
2009/10-4	Lab	method blank	3/22/2010	Conventional	Specific Conductance	n/a	DNQ	0.4	µmhos/cm	SM 2510 B	0.23	2			X
2009/10-4	Lab	LCS	3/18/2010	Conventional	Total Chlorine Residual	n/a	=	0.207	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-4	Lab	LCS, rec	3/18/2010	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl G	-88	-88	82	112	X
2009/10-4	Lab	method blank	3/18/2010	Conventional	Total Chlorine Residual	n/a	<	0.0016	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-4	ME-CC	matrix spike	3/18/2010	Conventional	Total Chlorine Residual	n/a	=	0.214	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-4	ME-CC	matrix spike dup	3/18/2010	Conventional	Total Chlorine Residual	n/a	=	0.211	mg/L	SM 4500-Cl G	0.0016	0.05			X
2009/10-4	ME-CC	matrix spike dup, rec	3/18/2010	Conventional	Total Chlorine Residual	n/a	=	104	%	SM 4500-Cl G	-88	-88	65	128	X
2009/10-4	ME-CC	matrix spike, rec	3/18/2010	Conventional	Total Chlorine Residual	n/a	=	105	%	SM 4500-Cl G	-88	-88	65	128	X
2009/10-4	ME-CC	matrix spike, RPD	3/18/2010	Conventional	Total Chlorine Residual	n/a	=	1	%	SM 4500-Cl G	-88	-88	0	15	X
2009/10-4	000NONPJ	lab duplicate	3/22/2010	Conventional	Total Dissolved Solids	n/a	=	1320	mg/L	SM 2540 C	4	10		10	X
2009/10-4	Lab	LCS	3/22/2010	Conventional	Total Dissolved Solids	n/a	=	816	mg/L	SM 2540 C	4	10			X
2009/10-4	Lab	LCS, rec	3/22/2010	Conventional	Total Dissolved Solids	n/a	=	99	%	SM 2540 C	-88	-88	91	104	X
2009/10-4	Lab	method blank	3/22/2010	Conventional	Total Dissolved Solids	n/a	<	4	mg/L	SM 2540 C	4	10			X
2009/10-4	Lab	LCS	3/24/2010	Conventional	Total Organic Carbon	n/a	=	4.74	mg/L	SM 5310 C	0.032	0.3			X
2009/10-4	Lab	LCS, rec	3/24/2010	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/24/2010	Conventional	Total Organic Carbon	n/a	DNQ	0.0487	mg/L	SM 5310 C	0.032	0.3			X
2009/10-4	ME-VR2	matrix spike	3/24/2010	Conventional	Total Organic Carbon	n/a	=	6.26	mg/L	SM 5310 C	0.032	0.3			X
2009/10-4	ME-VR2	matrix spike dup	3/24/2010	Conventional	Total Organic Carbon	n/a	=	6.24	mg/L	SM 5310 C	0.032	0.3			X
2009/10-4	ME-VR2	matrix spike dup, rec	3/24/2010	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	84	107	X
2009/10-4	ME-VR2	matrix spike, rec	3/24/2010	Conventional	Total Organic Carbon	n/a	=	95	%	SM 5310 C	-88	-88	84	107	X
2009/10-4	ME-VR2	matrix spike, RPD	3/24/2010	Conventional	Total Organic Carbon	n/a	=	0.3	%	SM 5310 C	-88	-88	0	20	X
2009/10-4	000NONPJ	lab duplicate	3/22/2010	Conventional	Total Suspended Solids	n/a	=	573	mg/L	SM 2540 D	5	5		20	X
2009/10-4	Lab	method blank	3/22/2010	Conventional	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5			X
2009/10-4	000NONPJ	lab duplicate	3/19/2010	Conventional	Turbidity	n/a	=	2.21	NTU	EPA 180.1	0.04	0.1		10	X
2009/10-4	Lab	LCS	3/19/2010	Conventional	Turbidity	n/a	=	6.19	NTU	EPA 180.1	0.04	0.1			X
2009/10-4	Lab	LCS, rec	3/19/2010	Conventional	Turbidity	n/a	=	100	%	EPA 180.1	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/19/2010	Conventional	Turbidity	n/a	<	0.04	NTU	EPA 180.1	0.04	0.1			X
2009/10-4	000NONPJ	lab duplicate	3/23/2010	Conventional	Volatile Suspended Solids	n/a	=	280	mg/L	EPA 160.4	3.1	5		15	X
2009/10-4	Lab	method blank	3/23/2010	Conventional	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5			X
2009/10-4	Lab	LCS	3/23/2010	Hydrocarbon	Oil and Grease	n/a	=	18.8	mg/L	EPA 1664A	2	5			
2009/10-4	Lab	LCS	3/23/2010	Hydrocarbon	Oil and Grease	n/a	DNQ	4.7	mg/L	EPA 1664A	2	5			
2009/10-4	Lab	LCS dup	3/23/2010	Hydrocarbon	Oil and Grease	n/a	=	17.9	mg/L	EPA 1664A	2	5			
2009/10-4	Lab	LCS dup, rec	3/23/2010	Hydrocarbon	Oil and Grease	n/a	=	90	%	EPA 1664A	-88	-88	78	114	
2009/10-4	Lab	LCS, rec	3/23/2010	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2009/10-4	Lab	LCS, rec	3/23/2010	Hydrocarbon	Oil and Grease	n/a	=	94	%	EPA 1664A	-88	-88	78	114	
2009/10-4	Lab	LCS, RPD	3/23/2010	Hydrocarbon	Oil and Grease	n/a	=	5	%	EPA 1664A	-88	-88	0	18	
2009/10-4	Lab	method blank	3/23/2010	Hydrocarbon	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5			
2009/10-4	Lab	method blank	3/23/2010	Hydrocarbon	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5			

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	LCS	3/30/2010	Metal	Aluminum	Dissolved	=	52.2	µg/L	EPA 200.8	0.19	5			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Aluminum	Dissolved	=	104	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Aluminum	Dissolved	DNQ	0.95	µg/L	EPA 200.8	0.19	5			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Aluminum	Total	=	52.2	µg/L	EPA 200.8	0.19	5			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Aluminum	Total	=	104	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Aluminum	Total	DNQ	0.95	µg/L	EPA 200.8	0.19	5			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Aluminum	Total	=	246	µg/L	EPA 200.8	0.19	5			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Aluminum	Total	=	335	µg/L	EPA 200.8	0.19	5			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Aluminum	Total	=	316	%	EPA 200.8	-88	-88	70	130	GB
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Aluminum	Total	=	138	%	EPA 200.8	-88	-88	70	130	GB
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Aluminum	Total	=	31	%	EPA 200.8	-88	-88	0	30	IL
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Aluminum	Total	=	90.6	µg/L	EPA 200.8	0.95	25			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Aluminum	Total	=	94.7	µg/L	EPA 200.8	0.95	25			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Aluminum	Total	=	124	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Aluminum	Total	=	116	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Aluminum	Total	=	4	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Antimony	Dissolved	=	46.7	µg/L	EPA 200.8	0.008	0.5			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Antimony	Dissolved	=	93	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Antimony	Dissolved	DNQ	0.0493	µg/L	EPA 200.8	0.008	0.5			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Antimony	Total	=	46.7	µg/L	EPA 200.8	0.008	0.5			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Antimony	Total	=	93	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Antimony	Total	DNQ	0.0493	µg/L	EPA 200.8	0.008	0.5			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Antimony	Total	=	47.1	µg/L	EPA 200.8	0.008	0.5			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Antimony	Total	=	46.5	µg/L	EPA 200.8	0.008	0.5			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Antimony	Total	=	92	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Antimony	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Antimony	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Antimony	Total	=	50.2	µg/L	EPA 200.8	0.04	2.5			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Antimony	Total	=	51.2	µg/L	EPA 200.8	0.04	2.5			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Antimony	Total	=	100	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Antimony	Total	=	98	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Antimony	Total	=	2	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Arsenic	Dissolved	=	49.6	µg/L	EPA 200.8	0.014	0.4			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Arsenic	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Arsenic	Dissolved	<	0.014	µg/L	EPA 200.8	0.014	0.4			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Arsenic	Total	=	49.6	µg/L	EPA 200.8	0.014	0.4			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Arsenic	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Arsenic	Total	<	0.014	µg/L	EPA 200.8	0.014	0.4			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Arsenic	Total	=	54.8	µg/L	EPA 200.8	0.014	0.4			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Arsenic	Total	=	53.9	µg/L	EPA 200.8	0.014	0.4			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Arsenic	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Arsenic	Total	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Arsenic	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Arsenic	Total	=	56.8	µg/L	EPA 200.8	0.07	2			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Arsenic	Total	=	58.8	µg/L	EPA 200.8	0.07	2			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Arsenic	Total	=	108	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Arsenic	Total	=	104	%	EPA 200.8	-88	-88	70	130	D

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Arsenic	Total	=	3	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Barium	Total	=	48.9	µg/L	EPA 200.8	0.024	0.5			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Barium	Total	<	0.024	µg/L	EPA 200.8	0.024	0.5			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Barium	Total	=	92.7	µg/L	EPA 200.8	0.024	0.5			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Barium	Total	=	91.8	µg/L	EPA 200.8	0.024	0.5			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Barium	Total	=	92.8	µg/L	EPA 200.8	0.12	2.5			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Barium	Total	=	94	µg/L	EPA 200.8	0.12	2.5			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Barium	Total	=	100	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Barium	Total	=	98	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Barium	Total	=	1	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Beryllium	Dissolved	=	48.3	µg/L	EPA 200.8	0.022	0.1			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Beryllium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Beryllium	Total	=	48.3	µg/L	EPA 200.8	0.022	0.1			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Beryllium	Total	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Beryllium	Total	=	41.5	µg/L	EPA 200.8	0.022	0.1			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Beryllium	Total	=	40	µg/L	EPA 200.8	0.022	0.1			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Beryllium	Total	=	80	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Beryllium	Total	=	83	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Beryllium	Total	=	4	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Beryllium	Total	=	36	µg/L	EPA 200.8	0.11	0.5			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Beryllium	Total	=	36.8	µg/L	EPA 200.8	0.11	0.5			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Beryllium	Total	=	74	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Beryllium	Total	=	72	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Beryllium	Total	=	2	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Cadmium	Dissolved	=	50.9	µg/L	EPA 200.8	0.013	0.1			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Cadmium	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Cadmium	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Cadmium	Total	=	50.9	µg/L	EPA 200.8	0.013	0.1			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Cadmium	Total	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Cadmium	Total	<	0.013	µg/L	EPA 200.8	0.013	0.1			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Cadmium	Total	=	44.5	µg/L	EPA 200.8	0.013	0.1			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Cadmium	Total	=	44.5	µg/L	EPA 200.8	0.013	0.1			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Cadmium	Total	=	88	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Cadmium	Total	=	88	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Cadmium	Total	=	0.006	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Cadmium	Total	=	46.7	µg/L	EPA 200.8	0.065	0.5			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Cadmium	Total	=	47	µg/L	EPA 200.8	0.065	0.5			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Cadmium	Total	=	94	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Cadmium	Total	=	93	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Cadmium	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Chromium	Dissolved	=	50	µg/L	EPA 200.8	0.012	0.2			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Chromium	Dissolved	=	100	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Chromium	Dissolved	<	0.012	µg/L	EPA 200.8	0.012	0.2			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Chromium	Total	=	50	µg/L	EPA 200.8	0.012	0.2			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Chromium	Total	=	100	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Chromium	Total	<	0.012	µg/L	EPA 200.8	0.012	0.2			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Chromium	Total	=	55.3	µg/L	EPA 200.8	0.012	0.2			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Chromium	Total	=	54.5	µg/L	EPA 200.8	0.012	0.2			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Chromium	Total	=	107	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Chromium	Total	=	108	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Chromium	Total	=	1	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Chromium	Total	=	54.9	µg/L	EPA 200.8	0.06	1			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Chromium	Total	=	54.8	µg/L	EPA 200.8	0.06	1			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Chromium	Total	=	108	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Chromium	Total	=	109	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Chromium	Total	=	0.1	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/19/2010	Metal	Chromium VI	n/a	=	4.98	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-4	Lab	LCS, rec	3/19/2010	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/19/2010	Metal	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-4	ME-CC	matrix spike	3/19/2010	Metal	Chromium VI	n/a	=	5.36	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-4	ME-CC	matrix spike dup	3/19/2010	Metal	Chromium VI	n/a	=	5.33	µg/L	EPA 218.6	0.0059	0.3			X
2009/10-4	ME-CC	matrix spike dup, rec	3/19/2010	Metal	Chromium VI	n/a	=	99	%	EPA 218.6	-88	-88	88	112	X
2009/10-4	ME-CC	matrix spike, rec	3/19/2010	Metal	Chromium VI	n/a	=	100	%	EPA 218.6	-88	-88	88	112	X
2009/10-4	ME-CC	matrix spike, RPD	3/19/2010	Metal	Chromium VI	n/a	=	0.5	%	EPA 218.6	-88	-88	0	10	X
2009/10-4	Lab	LCS	3/30/2010	Metal	Copper	Dissolved	=	51	µg/L	EPA 200.8	0.022	0.5			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Copper	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Copper	Dissolved	DNQ	0.0262	µg/L	EPA 200.8	0.022	0.5			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Copper	Total	=	51	µg/L	EPA 200.8	0.022	0.5			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Copper	Total	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Copper	Total	DNQ	0.0262	µg/L	EPA 200.8	0.022	0.5			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Copper	Total	=	56.4	µg/L	EPA 200.8	0.022	0.5			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Copper	Total	=	55.9	µg/L	EPA 200.8	0.022	0.5			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Copper	Total	=	103	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Copper	Total	=	104	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Copper	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Copper	Total	=	96.6	µg/L	EPA 200.8	0.11	2.5			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Copper	Total	=	98.1	µg/L	EPA 200.8	0.11	2.5			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Copper	Total	=	100	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Copper	Total	=	97	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Copper	Total	=	2	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Iron	Dissolved	=	1180	µg/L	EPA 200.8	0.6	20			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Iron	Dissolved	=	112	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Iron	Dissolved	<	0.6	µg/L	EPA 200.8	0.6	20			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Iron	Total	=	1180	µg/L	EPA 200.8	0.6	20			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Iron	Total	=	112	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Iron	Total	<	0.6	µg/L	EPA 200.8	0.6	20			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Iron	Total	=	1580	µg/L	EPA 200.8	0.6	20			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Iron	Total	=	1730	µg/L	EPA 200.8	0.6	20			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Iron	Total	=	137	%	EPA 200.8	-88	-88	70	130	GB
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Iron	Total	=	122	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Iron	Total	=	10	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Iron	Total	=	1390	µg/L	EPA 200.8	3	100			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Iron	Total	=	1410	µg/L	EPA 200.8	3	100			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Iron	Total	=	118	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Iron	Total	=	116	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Iron	Total	=	2	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Lead	Dissolved	=	47.7	µg/L	EPA 200.8	0.017	0.2			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Lead	Dissolved	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Lead	Total	=	47.7	µg/L	EPA 200.8	0.017	0.2			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Lead	Total	=	95	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Lead	Total	<	0.017	µg/L	EPA 200.8	0.017	0.2			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Lead	Total	=	48.3	µg/L	EPA 200.8	0.034	0.4			D
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Lead	Total	=	48.5	µg/L	EPA 200.8	0.034	0.4			D
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Lead	Total	=	96	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Lead	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Lead	Total	=	53.9	µg/L	EPA 200.8	0.085	1			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Lead	Total	=	54	µg/L	EPA 200.8	0.085	1			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Lead	Total	=	107	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Lead	Total	=	106	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Lead	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Mercury	Dissolved	=	1020	ng/L	EPA 245.1	3.9	50			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Mercury	Dissolved	=	102	%	EPA 245.1	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Mercury	Dissolved	DNQ	44	ng/L	EPA 245.1	3.9	50			X
2009/10-4	000NONPJ	matrix spike	3/24/2010	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			
2009/10-4	000NONPJ	matrix spike dup	3/24/2010	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			
2009/10-4	000NONPJ	matrix spike dup, rec	3/24/2010	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2009/10-4	000NONPJ	matrix spike, rec	3/24/2010	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	
2009/10-4	000NONPJ	matrix spike, RPD	3/24/2010	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	
2009/10-4	000NONPJ	matrix spike	3/30/2010	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-4	000NONPJ	matrix spike dup	3/30/2010	Metal	Mercury	Total	=	1010	ng/L	EPA 245.1	3.9	50			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/30/2010	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	X
2009/10-4	000NONPJ	matrix spike, rec	3/30/2010	Metal	Mercury	Total	=	97	%	EPA 245.1	-88	-88	70	130	X
2009/10-4	000NONPJ	matrix spike, RPD	3/30/2010	Metal	Mercury	Total	=	0	%	EPA 245.1	-88	-88	0	20	X
2009/10-4	Lab	LCS	3/24/2010	Metal	Mercury	Total	=	1030	ng/L	EPA 245.1	3.9	50			
2009/10-4	Lab	LCS, rec	3/24/2010	Metal	Mercury	Total	=	103	%	EPA 245.1	-88	-88	85	115	
2009/10-4	Lab	method blank	3/24/2010	Metal	Mercury	Total	DNQ	19	ng/L	EPA 245.1	3.9	50			
2009/10-4	Lab	LCS	3/30/2010	Metal	Mercury	Total	=	1020	ng/L	EPA 245.1	3.9	50			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Mercury	Total	=	102	%	EPA 245.1	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Mercury	Total	DNQ	44	ng/L	EPA 245.1	3.9	50			X
2009/10-4	ME-VR2	matrix spike	3/30/2010	Metal	Mercury	Total	=	1040	ng/L	EPA 245.1	3.9	50			X
2009/10-4	ME-VR2	matrix spike dup	3/30/2010	Metal	Mercury	Total	=	1060	ng/L	EPA 245.1	3.9	50			X
2009/10-4	ME-VR2	matrix spike dup, rec	3/30/2010	Metal	Mercury	Total	=	101	%	EPA 245.1	-88	-88	70	130	X
2009/10-4	ME-VR2	matrix spike, rec	3/30/2010	Metal	Mercury	Total	=	99	%	EPA 245.1	-88	-88	70	130	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-VR2	matrix spike, RPD	3/30/2010	Metal	Mercury	Total	=	2	%	EPA 245.1	-88	-88	0	20	X
2009/10-4	Lab	LCS	3/30/2010	Metal	Nickel	Dissolved	=	51.2	µg/L	EPA 200.8	0.011	0.8			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Nickel	Dissolved	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Nickel	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.8			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Nickel	Total	=	51.2	µg/L	EPA 200.8	0.011	0.8			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Nickel	Total	<	0.011	µg/L	EPA 200.8	0.011	0.8			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Nickel	Total	=	57.9	µg/L	EPA 200.8	0.011	0.8			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Nickel	Total	=	58.4	µg/L	EPA 200.8	0.011	0.8			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Nickel	Total	=	102	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Nickel	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Nickel	Total	=	59.3	µg/L	EPA 200.8	0.055	4			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Nickel	Total	=	58.7	µg/L	EPA 200.8	0.055	4			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Nickel	Total	=	85	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Nickel	Total	=	86	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Nickel	Total	=	1	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Selenium	Dissolved	=	56.1	µg/L	EPA 200.8	0.017	0.4			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Selenium	Dissolved	=	112	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Selenium	Dissolved	DNQ	0.0178	µg/L	EPA 200.8	0.017	0.4			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Selenium	Total	=	56.1	µg/L	EPA 200.8	0.017	0.4			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Selenium	Total	=	112	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Selenium	Total	DNQ	0.0178	µg/L	EPA 200.8	0.017	0.4			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Selenium	Total	=	48	µg/L	EPA 200.8	0.017	0.4			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Selenium	Total	=	46.2	µg/L	EPA 200.8	0.017	0.4			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Selenium	Total	=	89	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Selenium	Total	=	93	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Selenium	Total	=	4	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Selenium	Total	=	61.4	µg/L	EPA 200.8	0.085	2			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Selenium	Total	=	61.7	µg/L	EPA 200.8	0.085	2			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Selenium	Total	=	101	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Selenium	Total	=	100	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Selenium	Total	=	0.6	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Silver	Dissolved	=	49.4	µg/L	EPA 200.8	0.008	0.2			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Silver	Dissolved	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Silver	Dissolved	DNQ	0.0089	µg/L	EPA 200.8	0.008	0.2			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Silver	Total	=	49.4	µg/L	EPA 200.8	0.008	0.2			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Silver	Total	=	99	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Silver	Total	DNQ	0.0089	µg/L	EPA 200.8	0.008	0.2			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Silver	Total	=	46.2	µg/L	EPA 200.8	0.008	0.2			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Silver	Total	=	45.9	µg/L	EPA 200.8	0.008	0.2			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Silver	Total	=	92	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Silver	Total	=	0.8	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Silver	Total	=	48.1	µg/L	EPA 200.8	0.04	1			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Silver	Total	=	48.3	µg/L	EPA 200.8	0.04	1			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Silver	Total	=	97	%	EPA 200.8	-88	-88	70	130	D

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Silver	Total	=	96	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Silver	Total	=	0.5	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Thallium	Dissolved	=	48.6	µg/L	EPA 200.8	0.02	0.2			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Thallium	Dissolved	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Thallium	Total	=	48.6	µg/L	EPA 200.8	0.02	0.2			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Thallium	Total	=	97	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Thallium	Total	=	49.3	µg/L	EPA 200.8	0.04	0.4			D
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Thallium	Total	=	49.4	µg/L	EPA 200.8	0.04	0.4			D
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Thallium	Total	=	99	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Thallium	Total	=	0.2	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Thallium	Total	=	54.7	µg/L	EPA 200.8	0.1	1			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Thallium	Total	=	55.2	µg/L	EPA 200.8	0.1	1			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Thallium	Total	=	110	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Thallium	Total	=	109	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Thallium	Total	=	0.9	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	Lab	LCS	3/30/2010	Metal	Zinc	Dissolved	=	54.3	µg/L	EPA 200.8	0.3	5			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Zinc	Dissolved	=	109	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Zinc	Dissolved	<	0.3	µg/L	EPA 200.8	0.3	5			X
2009/10-4	Lab	LCS	3/30/2010	Metal	Zinc	Total	=	54.3	µg/L	EPA 200.8	0.3	5			X
2009/10-4	Lab	LCS, rec	3/30/2010	Metal	Zinc	Total	=	109	%	EPA 200.8	-88	-88	85	115	X
2009/10-4	Lab	method blank	3/30/2010	Metal	Zinc	Total	<	0.3	µg/L	EPA 200.8	0.3	5			X
2009/10-4	ME-CC	matrix spike	3/30/2010	Metal	Zinc	Total	=	56.4	µg/L	EPA 200.8	0.3	5			X
2009/10-4	ME-CC	matrix spike dup	3/30/2010	Metal	Zinc	Total	=	57.4	µg/L	EPA 200.8	0.3	5			X
2009/10-4	ME-CC	matrix spike dup, rec	3/30/2010	Metal	Zinc	Total	=	82	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/30/2010	Metal	Zinc	Total	=	80	%	EPA 200.8	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/30/2010	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	X
2009/10-4	MO-VEN	matrix spike	3/30/2010	Metal	Zinc	Total	=	54.6	µg/L	EPA 200.8	1.5	25			D
2009/10-4	MO-VEN	matrix spike dup	3/30/2010	Metal	Zinc	Total	=	55.7	µg/L	EPA 200.8	1.5	25			D
2009/10-4	MO-VEN	matrix spike dup, rec	3/30/2010	Metal	Zinc	Total	=	79	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, rec	3/30/2010	Metal	Zinc	Total	=	77	%	EPA 200.8	-88	-88	70	130	D
2009/10-4	MO-VEN	matrix spike, RPD	3/30/2010	Metal	Zinc	Total	=	2	%	EPA 200.8	-88	-88	0	30	D
2009/10-4	000NONPJ	matrix spike	3/26/2010	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike	3/26/2010	Nutrient	Ammonia as N	n/a	=	1.01	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike dup	3/26/2010	Nutrient	Ammonia as N	n/a	=	1.06	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike dup	3/26/2010	Nutrient	Ammonia as N	n/a	=	1.03	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/26/2010	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike dup, rec	3/26/2010	Nutrient	Ammonia as N	n/a	=	101	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	3/26/2010	Nutrient	Ammonia as N	n/a	=	99	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	3/26/2010	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, RPD	3/26/2010	Nutrient	Ammonia as N	n/a	=	5	%	EPA 350.1	-88	-88	0	10	X
2009/10-4	000NONPJ	matrix spike, RPD	3/26/2010	Nutrient	Ammonia as N	n/a	=	1	%	EPA 350.1	-88	-88	0	10	X
2009/10-4	000NONPJ	matrix spike	4/1/2010	Nutrient	Ammonia as N	n/a	=	1.26	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike	4/1/2010	Nutrient	Ammonia as N	n/a	=	0.998	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike dup	4/1/2010	Nutrient	Ammonia as N	n/a	=	1.24	mg/L	EPA 350.1	0.048	0.1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	000NONPJ	matrix spike dup	4/1/2010	Nutrient	Ammonia as N	n/a	=	1.05	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike dup, rec	4/1/2010	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike dup, rec	4/1/2010	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	4/1/2010	Nutrient	Ammonia as N	n/a	=	94	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	4/1/2010	Nutrient	Ammonia as N	n/a	=	98	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, RPD	4/1/2010	Nutrient	Ammonia as N	n/a	=	2	%	EPA 350.1	-88	-88	0	10	X
2009/10-4	000NONPJ	matrix spike, RPD	4/1/2010	Nutrient	Ammonia as N	n/a	=	5	%	EPA 350.1	-88	-88	0	10	X
2009/10-4	000NONPJ	matrix spike	4/8/2010	Nutrient	Ammonia as N	n/a	=	1.31	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike dup	4/8/2010	Nutrient	Ammonia as N	n/a	=	1.24	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike dup, rec	4/8/2010	Nutrient	Ammonia as N	n/a	=	96	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	4/8/2010	Nutrient	Ammonia as N	n/a	=	103	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, RPD	4/8/2010	Nutrient	Ammonia as N	n/a	=	5	%	EPA 350.1	-88	-88	0	10	X
2009/10-4	Lab	LCS	3/26/2010	Nutrient	Ammonia as N	n/a	=	1.21	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	Lab	LCS, rec	3/26/2010	Nutrient	Ammonia as N	n/a	=	121	%	EPA 350.1	-88	-88	90	110	EUM
2009/10-4	Lab	method blank	3/26/2010	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	Lab	LCS	4/1/2010	Nutrient	Ammonia as N	n/a	=	0.997	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	Lab	LCS, rec	4/1/2010	Nutrient	Ammonia as N	n/a	=	100	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	Lab	method blank	4/1/2010	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	Lab	LCS	4/8/2010	Nutrient	Ammonia as N	n/a	=	1.04	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	Lab	LCS, rec	4/8/2010	Nutrient	Ammonia as N	n/a	=	104	%	EPA 350.1	-88	-88	90	110	X
2009/10-4	Lab	method blank	4/8/2010	Nutrient	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1			X
2009/10-4	000NONPJ	matrix spike	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	8.65	mg/L	EPA 353.2	0.033	0.1			X
2009/10-4	000NONPJ	matrix spike	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	8.67	mg/L	EPA 353.2	0.033	0.1			X
2009/10-4	000NONPJ	matrix spike dup	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	8.82	mg/L	EPA 353.2	0.033	0.1			X
2009/10-4	000NONPJ	matrix spike dup	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	8.62	mg/L	EPA 353.2	0.033	0.1			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike dup, rec	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, RPD	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	X
2009/10-4	000NONPJ	matrix spike, RPD	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	X
2009/10-4	Lab	LCS	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	1.07	mg/L	EPA 353.2	0.033	0.1			X
2009/10-4	Lab	LCS, rec	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/19/2010	Nutrient	Nitrate + Nitrite as N	n/a	<	0.033	mg/L	EPA 353.2	0.033	0.1			X
2009/10-4	000NONPJ	matrix spike	3/19/2010	Nutrient	Nitrate as N	n/a	=	8.67	mg/L	EPA 353.2	0.022	0.1			X
2009/10-4	000NONPJ	matrix spike	3/19/2010	Nutrient	Nitrate as N	n/a	=	8.65	mg/L	EPA 353.2	0.022	0.1			X
2009/10-4	000NONPJ	matrix spike dup	3/19/2010	Nutrient	Nitrate as N	n/a	=	8.62	mg/L	EPA 353.2	0.022	0.1			X
2009/10-4	000NONPJ	matrix spike dup	3/19/2010	Nutrient	Nitrate as N	n/a	=	8.82	mg/L	EPA 353.2	0.022	0.1			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/19/2010	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike dup, rec	3/19/2010	Nutrient	Nitrate as N	n/a	=	103	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	3/19/2010	Nutrient	Nitrate as N	n/a	=	95	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	3/19/2010	Nutrient	Nitrate as N	n/a	=	106	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, RPD	3/19/2010	Nutrient	Nitrate as N	n/a	=	2	%	EPA 353.2	-88	-88	0	20	X
2009/10-4	000NONPJ	matrix spike, RPD	3/19/2010	Nutrient	Nitrate as N	n/a	=	0.6	%	EPA 353.2	-88	-88	0	20	X
2009/10-4	Lab	LCS	3/19/2010	Nutrient	Nitrate as N	n/a	=	1.07	mg/L	EPA 353.2	0.022	0.1			X
2009/10-4	Lab	LCS, rec	3/19/2010	Nutrient	Nitrate as N	n/a	=	107	%	EPA 353.2	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/19/2010	Nutrient	Nitrate as N	n/a	<	0.022	mg/L	EPA 353.2	0.022	0.1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	LCS	3/29/2010	Nutrient	Phosphorus as P	Dissolved	=	0.0459	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-4	Lab	LCS, rec	3/29/2010	Nutrient	Phosphorus as P	Dissolved	=	92	%	EPA 365.1	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/29/2010	Nutrient	Phosphorus as P	Dissolved	DNQ	0.0015	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-4	000NONPJ	matrix spike	3/29/2010	Nutrient	Phosphorus as P	Total	=	0.35	mg/L	EPA 365.1	0.0028	0.02			D
2009/10-4	000NONPJ	matrix spike	3/29/2010	Nutrient	Phosphorus as P	Total	=	0.202	mg/L	EPA 365.1	0.0028	0.02			D
2009/10-4	000NONPJ	matrix spike dup	3/29/2010	Nutrient	Phosphorus as P	Total	=	0.352	mg/L	EPA 365.1	0.0028	0.02			D
2009/10-4	000NONPJ	matrix spike dup	3/29/2010	Nutrient	Phosphorus as P	Total	=	0.202	mg/L	EPA 365.1	0.0028	0.02			D
2009/10-4	000NONPJ	matrix spike dup, rec	3/29/2010	Nutrient	Phosphorus as P	Total	=	88	%	EPA 365.1	-88	-88	90	110	D,GB
2009/10-4	000NONPJ	matrix spike dup, rec	3/29/2010	Nutrient	Phosphorus as P	Total	=	76	%	EPA 365.1	-88	-88	90	110	D,GB
2009/10-4	000NONPJ	matrix spike, rec	3/29/2010	Nutrient	Phosphorus as P	Total	=	84	%	EPA 365.1	-88	-88	90	110	D,GB
2009/10-4	000NONPJ	matrix spike, rec	3/29/2010	Nutrient	Phosphorus as P	Total	=	76	%	EPA 365.1	-88	-88	90	110	D,GB
2009/10-4	000NONPJ	matrix spike, RPD	3/29/2010	Nutrient	Phosphorus as P	Total	=	0.6	%	EPA 365.1	-88	-88	0	10	D
2009/10-4	000NONPJ	matrix spike, RPD	3/29/2010	Nutrient	Phosphorus as P	Total	=	0	%	EPA 365.1	-88	-88	0	10	D
2009/10-4	Lab	LCS	3/29/2010	Nutrient	Phosphorus as P	Total	=	0.0459	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-4	Lab	LCS, rec	3/29/2010	Nutrient	Phosphorus as P	Total	=	92	%	EPA 365.1	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/29/2010	Nutrient	Phosphorus as P	Total	DNQ	0.0015	mg/L	EPA 365.1	0.0014	0.01			X
2009/10-4	000NONPJ	matrix spike	3/30/2010	Nutrient	TKN	n/a	=	1.33	mg/L	EPA 351.2	0.074	0.1			X
2009/10-4	000NONPJ	matrix spike dup	3/30/2010	Nutrient	TKN	n/a	=	1.32	mg/L	EPA 351.2	0.074	0.1			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/30/2010	Nutrient	TKN	n/a	=	101	%	EPA 351.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, rec	3/30/2010	Nutrient	TKN	n/a	=	102	%	EPA 351.2	-88	-88	90	110	X
2009/10-4	000NONPJ	matrix spike, RPD	3/30/2010	Nutrient	TKN	n/a	=	0.8	%	EPA 351.2	-88	-88	0	15	X
2009/10-4	Lab	LCS	3/30/2010	Nutrient	TKN	n/a	=	1.09	mg/L	EPA 351.2	0.074	0.1			X
2009/10-4	Lab	LCS, rec	3/30/2010	Nutrient	TKN	n/a	=	109	%	EPA 351.2	-88	-88	90	110	X
2009/10-4	Lab	method blank	3/30/2010	Nutrient	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1			X
2009/10-4	MO-MEI	matrix spike	3/30/2010	Nutrient	TKN	n/a	=	2.42	mg/L	EPA 351.2	0.074	0.1			X
2009/10-4	MO-MEI	matrix spike dup	3/30/2010	Nutrient	TKN	n/a	=	2.36	mg/L	EPA 351.2	0.074	0.1			X
2009/10-4	MO-MEI	matrix spike dup, rec	3/30/2010	Nutrient	TKN	n/a	=	117	%	EPA 351.2	-88	-88	90	110	GB
2009/10-4	MO-MEI	matrix spike, rec	3/30/2010	Nutrient	TKN	n/a	=	123	%	EPA 351.2	-88	-88	90	110	GB
2009/10-4	MO-MEI	matrix spike, RPD	3/30/2010	Nutrient	TKN	n/a	=	3	%	EPA 351.2	-88	-88	0	15	X
2009/10-4	Lab	LCS	3/22/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	2.95	µg/L	EPA 625	0.26	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	59	%	EPA 625	-88	-88	44	142	X
2009/10-4	Lab	method blank	3/22/2010	Organic	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	3.18	µg/L	EPA 625	0.26	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	3.46	µg/L	EPA 625	0.26	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	44	142	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	44	142	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	1,2,4-Trichlorobenzene	n/a	=	8	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	1,2-Dichlorobenzene	n/a	=	3.2	µg/L	EPA 625	0.3	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	1,2-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	32	129	X
2009/10-4	Lab	method blank	3/22/2010	Organic	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	1,2-Dichlorobenzene	n/a	=	3.45	µg/L	EPA 625	0.3	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	1,2-Dichlorobenzene	n/a	=	3.78	µg/L	EPA 625	0.3	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	1,2-Dichlorobenzene	n/a	=	76	%	EPA 625	-88	-88	32	129	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	1,2-Dichlorobenzene	n/a	=	69	%	EPA 625	-88	-88	32	129	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	1,2-Dichlorobenzene	n/a	=	9	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	srgt LCS	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.4	µg/L	EPA 524.2	0	0			
2009/10-4	Lab	srgt LCS dup	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.5	µg/L	EPA 524.2	0	0			

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	srgt LCS dup, rec	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	105	%	EPA 524.2	-88	-88	70	130	
2009/10-4	Lab	srgt LCS, rec	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	104	%	EPA 524.2	-88	-88	70	130	
2009/10-4	Lab	srgt method blank	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	8.92	µg/L	EPA 524.2	0	0			
2009/10-4	Lab	srgt method blank, rec	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	89	%	EPA 524.2	-88	-88	70	130	
2009/10-4	ME-CC	srgt environ	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.8	µg/L	EPA 524.2	0	0			
2009/10-4	ME-CC	srgt environ, rec	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2009/10-4	ME-SCR	srgt environ	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.64	µg/L	EPA 524.2	0	0			
2009/10-4	ME-SCR	srgt environ, rec	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	96	%	EPA 524.2	-88	-88	70	130	
2009/10-4	ME-VR2	srgt environ	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.83	µg/L	EPA 524.2	0	0			
2009/10-4	ME-VR2	srgt environ, rec	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2009/10-4	MO-CAM	srgt environ	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.8	µg/L	EPA 524.2	0	0			
2009/10-4	MO-CAM	srgt environ, rec	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	108	%	EPA 524.2	-88	-88	70	130	
2009/10-4	MO-MEI	srgt environ	3/20/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.29	µg/L	EPA 524.2	0	0			
2009/10-4	MO-MEI	srgt environ, rec	3/20/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	93	%	EPA 524.2	-88	-88	70	130	
2009/10-4	MO-OJA	srgt environ	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	9.7	µg/L	EPA 524.2	0	0			
2009/10-4	MO-OJA	srgt environ, rec	3/19/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2009/10-4	MO-VEN	srgt environ	3/20/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	10.3	µg/L	EPA 524.2	0	0			
2009/10-4	MO-VEN	srgt environ, rec	3/20/2010	Organic	1,2-Dichlorobenzene-d4	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2009/10-4	Lab	method blank	3/22/2010	Organic	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1			X
2009/10-4	Lab	LCS	3/22/2010	Organic	1,3-Dichlorobenzene	n/a	=	3.21	µg/L	EPA 625	0.36	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	1,3-Dichlorobenzene	n/a	=	64	%	EPA 625	-88	-88	0.1	172	X
2009/10-4	Lab	method blank	3/22/2010	Organic	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	1,3-Dichlorobenzene	n/a	=	3.49	µg/L	EPA 625	0.36	1			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	1,3-Dichlorobenzene	n/a	=	3.71	µg/L	EPA 625	0.36	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	1,3-Dichlorobenzene	n/a	=	74	%	EPA 625	-88	-88	0.1	172	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	1,3-Dichlorobenzene	n/a	=	70	%	EPA 625	-88	-88	0.1	172	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	1,3-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	srgt LCS	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	Lab	srgt method blank	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.02	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	100	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	Lab	srgt LCS	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.515	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	Lab	srgt method blank	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.46	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	92	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	ME-CC	srgt environ	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.86	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	ME-CC	srgt environ	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.629	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	126	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	ME-SCR	srgt environ	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.89	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	ME-SCR	srgt matrix spike	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.26	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.93	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	99	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	ME-SCR	srgt matrix spike, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	105	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	ME-SCR	srgt environ	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.732	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	146	%	EPA 525.2	-88	-88	73	136	GN

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	srgt matrix spike	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.592	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.689	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	138	%	EPA 525.2	-88	-88	73	136	GN
2009/10-4	ME-SCR	srgt matrix spike, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	118	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	ME-VR2	srgt environ	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.87	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	97	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	ME-VR2	srgt environ	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.654	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	131	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	MO-CAM	srgt environ	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	1.5	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	30	%	EPA 525.2	-88	-88	73	136	GN
2009/10-4	MO-CAM	srgt environ	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.356	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	71	%	EPA 525.2	-88	-88	73	136	GN
2009/10-4	MO-MEI	srgt environ	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.92	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	98	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	MO-MEI	srgt environ	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.813	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	163	%	EPA 525.2	-88	-88	73	136	GN
2009/10-4	MO-OJA	srgt environ	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	5.14	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	103	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	MO-OJA	srgt environ	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.839	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	168	%	EPA 525.2	-88	-88	73	136	GN
2009/10-4	MO-VEN	srgt environ	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	4.52	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/25/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	90	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	MO-VEN	srgt environ	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	0.538	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	4/12/2010	Organic	1,3-Dimethyl-2-nitrobenzene	n/a	=	108	%	EPA 525.2	-88	-88	73	136	X
2009/10-4	Lab	LCS	3/22/2010	Organic	1,4-Dichlorobenzene	n/a	=	3.24	µg/L	EPA 625	0.32	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	1,4-Dichlorobenzene	n/a	=	65	%	EPA 625	-88	-88	20	124	X
2009/10-4	Lab	method blank	3/22/2010	Organic	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	1,4-Dichlorobenzene	n/a	=	3.41	µg/L	EPA 625	0.32	1			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	1,4-Dichlorobenzene	n/a	=	3.62	µg/L	EPA 625	0.32	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	1,4-Dichlorobenzene	n/a	=	72	%	EPA 625	-88	-88	20	124	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	1,4-Dichlorobenzene	n/a	=	68	%	EPA 625	-88	-88	20	124	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	1,4-Dichlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	method blank	3/24/2010	Organic	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1			X
2009/10-4	Lab	srgt LCS	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	15.2	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	Lab	srgt method blank	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	13.5	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	Lab	srgt LCS	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	16.8	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	84	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	Lab	srgt method blank	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	15.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	76	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	ME-CC	srgt environ	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	16.4	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	ME-CC	srgt environ	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	18.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	91	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	ME-SCR	srgt environ	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	16.5	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	82	%	EPA 625	-88	-88	0.1	157	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	srgt environ	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	18.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	92	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	ME-VR2	srgt environ	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	15.7	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	ME-VR2	srgt environ	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	17.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	MO-CAM	srgt environ	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	14.8	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	74	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	MO-CAM	srgt environ	3/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	15.6	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	MO-MEI	srgt environ	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	11.5	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	MO-MEI	srgt environ	3/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	13.4	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	67	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	MO-OJA	srgt environ	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	16.5	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	83	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	MO-OJA	srgt matrix spike	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	15.5	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	15.8	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	79	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	78	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	MO-OJA	srgt matrix spike	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	17.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	17.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	86	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/24/2010	Organic	2,4,6-Tribromophenol	n/a	=	88	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	MO-OJA	srgt environ	3/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	19.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	MO-VEN	srgt environ	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	11.1	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/22/2010	Organic	2,4,6-Tribromophenol	n/a	=	55	%	EPA 625	-88	-88	0.1	157	X
2009/10-4	MO-VEN	srgt environ	3/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	11.5	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/25/2010	Organic	2,4,6-Tribromophenol	n/a	=	57	%	EPA 8270Cm	-88	-88	44	115	X
2009/10-4	Lab	LCS	3/24/2010	Organic	2,4,6-Trichlorophenol	n/a	=	4.17	µg/L	EPA 8270Cm	0.3	1			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	2,4,6-Trichlorophenol	n/a	=	83	%	EPA 8270Cm	-88	-88	39	125	X
2009/10-4	Lab	method blank	3/24/2010	Organic	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			X
2009/10-4	Lab	LCS	3/24/2010	Organic	2,4-Dichlorophenol	n/a	=	3.74	µg/L	EPA 8270Cm	0.51	1			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	2,4-Dichlorophenol	n/a	=	75	%	EPA 8270Cm	-88	-88	60	116	X
2009/10-4	Lab	method blank	3/24/2010	Organic	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1			X
2009/10-4	Lab	srgt LCS	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.5	µg/L	EPA 515.3	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	115	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	srgt method blank	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	14.4	µg/L	EPA 515.3	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	144	%	EPA 515.3	-88	-88	70	130	GN
2009/10-4	ME-CC	srgt environ	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12	µg/L	EPA 515.3	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	120	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	srgt matrix spike	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.4	µg/L	EPA 515.3	-88	-88			X
2009/10-4	ME-CC	srgt matrix spike dup	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.3	-88	-88			X
2009/10-4	ME-CC	srgt matrix spike dup, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	srgt matrix spike, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	114	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-SCR	srgt environ	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	12.3	µg/L	EPA 515.3	-88	-88			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	srgt environ, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	123	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-VR2	srgt environ	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	13.7	µg/L	EPA 515.3	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	137	%	EPA 515.3	-88	-88	70	130	GN
2009/10-4	MO-CAM	srgt environ	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.7	µg/L	EPA 515.3	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	107	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	MO-MEI	srgt environ	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	11.2	µg/L	EPA 515.3	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	112	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	MO-OJA	srgt environ	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	13.2	µg/L	EPA 515.3	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	132	%	EPA 515.3	-88	-88	70	130	GN
2009/10-4	MO-VEN	srgt environ	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	10.8	µg/L	EPA 515.3	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/26/2010	Organic	2,4-Dichlorophenylacetic acid	n/a	=	108	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	LCS	3/24/2010	Organic	2,4-Dimethylphenol	n/a	=	2.62	µg/L	EPA 8270Cm	1	2			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	2,4-Dimethylphenol	n/a	=	52	%	EPA 8270Cm	-88	-88	2	117	X
2009/10-4	Lab	method blank	3/24/2010	Organic	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-4	Lab	LCS	3/24/2010	Organic	2,4-Dinitrophenol	n/a	=	5.02	µg/L	EPA 8270Cm	1	2			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	2,4-Dinitrophenol	n/a	=	100	%	EPA 8270Cm	-88	-88	28	140	X
2009/10-4	Lab	method blank	3/24/2010	Organic	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-4	Lab	LCS	3/22/2010	Organic	2,4-Dinitrotoluene	n/a	=	4.03	µg/L	EPA 625	0.4	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	2,4-Dinitrotoluene	n/a	=	81	%	EPA 625	-88	-88	39	139	X
2009/10-4	Lab	method blank	3/22/2010	Organic	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	2,4-Dinitrotoluene	n/a	=	4.02	µg/L	EPA 625	0.4	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	2,4-Dinitrotoluene	n/a	=	4.21	µg/L	EPA 625	0.4	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	2,4-Dinitrotoluene	n/a	=	84	%	EPA 625	-88	-88	39	139	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	2,4-Dinitrotoluene	n/a	=	80	%	EPA 625	-88	-88	39	139	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	2,4-Dinitrotoluene	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	2,6-Dinitrotoluene	n/a	=	3.63	µg/L	EPA 625	0.24	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	2,6-Dinitrotoluene	n/a	=	73	%	EPA 625	-88	-88	50	158	X
2009/10-4	Lab	method blank	3/22/2010	Organic	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	2,6-Dinitrotoluene	n/a	=	3.77	µg/L	EPA 625	0.24	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	2,6-Dinitrotoluene	n/a	=	3.99	µg/L	EPA 625	0.24	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	2,6-Dinitrotoluene	n/a	=	80	%	EPA 625	-88	-88	50	158	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	2,6-Dinitrotoluene	n/a	=	75	%	EPA 625	-88	-88	50	158	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	2,6-Dinitrotoluene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	2-Chloronaphthalene	n/a	=	3.48	µg/L	EPA 625	0.26	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	2-Chloronaphthalene	n/a	=	70	%	EPA 625	-88	-88	60	118	X
2009/10-4	Lab	method blank	3/22/2010	Organic	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	2-Chloronaphthalene	n/a	=	3.62	µg/L	EPA 625	0.26	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	2-Chloronaphthalene	n/a	=	3.94	µg/L	EPA 625	0.26	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	2-Chloronaphthalene	n/a	=	79	%	EPA 625	-88	-88	60	118	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	2-Chloronaphthalene	n/a	=	72	%	EPA 625	-88	-88	60	118	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	2-Chloronaphthalene	n/a	=	8	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/24/2010	Organic	2-Chlorophenol	n/a	=	3.49	µg/L	EPA 8270Cm	0.65	1			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	2-Chlorophenol	n/a	=	70	%	EPA 8270Cm	-88	-88	56	98	X
2009/10-4	Lab	method blank	3/24/2010	Organic	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1			X
2009/10-4	MO-OJA	matrix spike	3/24/2010	Organic	2-Chlorophenol	n/a	=	3.61	µg/L	EPA 8270Cm	0.65	1			X
2009/10-4	MO-OJA	matrix spike dup	3/24/2010	Organic	2-Chlorophenol	n/a	=	3.86	µg/L	EPA 8270Cm	0.65	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/24/2010	Organic	2-Chlorophenol	n/a	=	77	%	EPA 8270Cm	-88	-88	47	102	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	MO-OJA	matrix spike, rec	3/24/2010	Organic	2-Chlorophenol	n/a	=	72	%	EPA 8270Cm	-88	-88	47	102	X
2009/10-4	MO-OJA	matrix spike, RPD	3/24/2010	Organic	2-Chlorophenol	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	srgt LCS	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	6.87	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 625	-88	-88	22	130	X
2009/10-4	Lab	srgt method blank	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	6.43	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	64	%	EPA 625	-88	-88	22	130	X
2009/10-4	Lab	srgt LCS	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	6.19	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	62	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	Lab	srgt method blank	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	5.62	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	56	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	ME-CC	srgt environ	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	7.45	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	130	X
2009/10-4	ME-CC	srgt environ	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	6.57	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	ME-SCR	srgt environ	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	7.78	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	78	%	EPA 625	-88	-88	22	130	X
2009/10-4	ME-SCR	srgt environ	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	6.91	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	ME-VR2	srgt environ	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	7.44	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	130	X
2009/10-4	ME-VR2	srgt environ	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	6.59	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	66	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	MO-CAM	srgt environ	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	7.71	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	77	%	EPA 625	-88	-88	22	130	X
2009/10-4	MO-CAM	srgt environ	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	6.88	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	69	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	MO-MEI	srgt environ	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	6.68	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 625	-88	-88	22	130	X
2009/10-4	MO-MEI	srgt environ	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	6.03	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	60	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	MO-OJA	srgt environ	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	8.15	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	82	%	EPA 625	-88	-88	22	130	X
2009/10-4	MO-OJA	srgt matrix spike	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	7.02	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	7.44	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	74	%	EPA 625	-88	-88	22	130	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	70	%	EPA 625	-88	-88	22	130	X
2009/10-4	MO-OJA	srgt environ	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	7.33	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	73	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	MO-OJA	srgt matrix spike	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	6.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	6.74	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	67	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	63	%	EPA 8270Cm	-88	-88	51	139	X
2009/10-4	MO-VEN	srgt environ	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	4.62	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/22/2010	Organic	2-Fluorobiphenyl	n/a	=	46	%	EPA 625	-88	-88	22	130	X
2009/10-4	MO-VEN	srgt environ	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	4.04	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/25/2010	Organic	2-Fluorobiphenyl	n/a	=	40	%	EPA 8270Cm	-88	-88	51	139	GN
2009/10-4	Lab	srgt LCS	3/22/2010	Organic	2-Fluorophenol	n/a	=	9.1	µg/L	EPA 625	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	srgt LCS, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	6	96	X
2009/10-4	Lab	srgt method blank	3/22/2010	Organic	2-Fluorophenol	n/a	=	9.29	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	6	96	X
2009/10-4	Lab	srgt LCS	3/24/2010	Organic	2-Fluorophenol	n/a	=	9.3	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/24/2010	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	Lab	srgt method blank	3/24/2010	Organic	2-Fluorophenol	n/a	=	9.48	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/24/2010	Organic	2-Fluorophenol	n/a	=	47	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	ME-CC	srgt environ	3/22/2010	Organic	2-Fluorophenol	n/a	=	9.2	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	6	96	X
2009/10-4	ME-CC	srgt environ	3/24/2010	Organic	2-Fluorophenol	n/a	=	9.61	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/24/2010	Organic	2-Fluorophenol	n/a	=	48	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	ME-SCR	srgt environ	3/22/2010	Organic	2-Fluorophenol	n/a	=	9.72	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	49	%	EPA 625	-88	-88	6	96	X
2009/10-4	ME-SCR	srgt environ	3/24/2010	Organic	2-Fluorophenol	n/a	=	9.77	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/24/2010	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	ME-VR2	srgt environ	3/22/2010	Organic	2-Fluorophenol	n/a	=	9.53	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	6	96	X
2009/10-4	ME-VR2	srgt environ	3/24/2010	Organic	2-Fluorophenol	n/a	=	9.59	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/24/2010	Organic	2-Fluorophenol	n/a	=	48	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	MO-CAM	srgt environ	3/22/2010	Organic	2-Fluorophenol	n/a	=	9.58	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	48	%	EPA 625	-88	-88	6	96	X
2009/10-4	MO-CAM	srgt environ	3/25/2010	Organic	2-Fluorophenol	n/a	=	9.79	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/25/2010	Organic	2-Fluorophenol	n/a	=	49	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	MO-MEI	srgt environ	3/22/2010	Organic	2-Fluorophenol	n/a	=	7.82	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	39	%	EPA 625	-88	-88	6	96	X
2009/10-4	MO-MEI	srgt environ	3/25/2010	Organic	2-Fluorophenol	n/a	=	7.72	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/25/2010	Organic	2-Fluorophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	MO-OJA	srgt environ	3/22/2010	Organic	2-Fluorophenol	n/a	=	10.1	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	50	%	EPA 625	-88	-88	6	96	X
2009/10-4	MO-OJA	srgt matrix spike	3/22/2010	Organic	2-Fluorophenol	n/a	=	8.79	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/22/2010	Organic	2-Fluorophenol	n/a	=	9.2	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	46	%	EPA 625	-88	-88	6	96	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	44	%	EPA 625	-88	-88	6	96	X
2009/10-4	MO-OJA	srgt matrix spike	3/24/2010	Organic	2-Fluorophenol	n/a	=	9.18	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/24/2010	Organic	2-Fluorophenol	n/a	=	9.52	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/24/2010	Organic	2-Fluorophenol	n/a	=	48	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/24/2010	Organic	2-Fluorophenol	n/a	=	46	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	MO-OJA	srgt environ	3/25/2010	Organic	2-Fluorophenol	n/a	=	10.1	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/25/2010	Organic	2-Fluorophenol	n/a	=	51	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	MO-VEN	srgt environ	3/22/2010	Organic	2-Fluorophenol	n/a	=	6.66	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/22/2010	Organic	2-Fluorophenol	n/a	=	33	%	EPA 625	-88	-88	6	96	X
2009/10-4	MO-VEN	srgt environ	3/25/2010	Organic	2-Fluorophenol	n/a	=	6.77	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/25/2010	Organic	2-Fluorophenol	n/a	=	34	%	EPA 8270Cm	-88	-88	24	82	X
2009/10-4	Lab	method blank	3/24/2010	Organic	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1			X
2009/10-4	Lab	LCS	3/24/2010	Organic	2-Nitrophenol	n/a	=	3.97	µg/L	EPA 8270Cm	0.71	1			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	2-Nitrophenol	n/a	=	79	%	EPA 8270Cm	-88	-88	54	121	X
2009/10-4	Lab	method blank	3/24/2010	Organic	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	LCS	3/22/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	8.41	µg/L	EPA 625	0.3	5			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	168	%	EPA 625	-88	-88	0.1	262	X
2009/10-4	Lab	method blank	3/22/2010	Organic	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	4.04	µg/L	EPA 625	0.3	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	5.27	µg/L	EPA 625	0.3	5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	105	%	EPA 625	-88	-88	0.1	262	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	81	%	EPA 625	-88	-88	0.1	262	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	3,3'-Dichlorobenzidine	n/a	=	26	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	method blank	3/24/2010	Organic	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1			X
2009/10-4	Lab	LCS	3/24/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	4.83	µg/L	EPA 8270Cm	0.14	1			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	=	97	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-4	Lab	method blank	3/24/2010	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1			X
2009/10-4	Lab	srgt LCS	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	10.2	µg/L	EPA 524.2	0	0			
2009/10-4	Lab	srgt LCS dup	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	10.4	µg/L	EPA 524.2	0	0			
2009/10-4	Lab	srgt LCS dup, rec	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 524.2	-88	-88	70	130	
2009/10-4	Lab	srgt LCS, rec	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	102	%	EPA 524.2	-88	-88	70	130	
2009/10-4	Lab	srgt method blank	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	9.04	µg/L	EPA 524.2	0	0			
2009/10-4	Lab	srgt method blank, rec	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	90	%	EPA 524.2	-88	-88	70	130	
2009/10-4	ME-CC	srgt environ	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	10.3	µg/L	EPA 524.2	0	0			
2009/10-4	ME-CC	srgt environ, rec	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	103	%	EPA 524.2	-88	-88	70	130	
2009/10-4	ME-SCR	srgt environ	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	9.87	µg/L	EPA 524.2	0	0			
2009/10-4	ME-SCR	srgt environ, rec	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2009/10-4	ME-VR2	srgt environ	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	9.89	µg/L	EPA 524.2	0	0			
2009/10-4	ME-VR2	srgt environ, rec	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	99	%	EPA 524.2	-88	-88	70	130	
2009/10-4	MO-CAM	srgt environ	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	10.5	µg/L	EPA 524.2	0	0			
2009/10-4	MO-CAM	srgt environ, rec	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	105	%	EPA 524.2	-88	-88	70	130	
2009/10-4	MO-MEI	srgt environ	3/20/2010	Organic	4-Bromofluorobenzene	n/a	=	9.85	µg/L	EPA 524.2	0	0			
2009/10-4	MO-MEI	srgt environ, rec	3/20/2010	Organic	4-Bromofluorobenzene	n/a	=	98	%	EPA 524.2	-88	-88	70	130	
2009/10-4	MO-OJA	srgt environ	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	9.97	µg/L	EPA 524.2	0	0			
2009/10-4	MO-OJA	srgt environ, rec	3/19/2010	Organic	4-Bromofluorobenzene	n/a	=	100	%	EPA 524.2	-88	-88	70	130	
2009/10-4	MO-VEN	srgt environ	3/20/2010	Organic	4-Bromofluorobenzene	n/a	=	10.4	µg/L	EPA 524.2	0	0			
2009/10-4	MO-VEN	srgt environ, rec	3/20/2010	Organic	4-Bromofluorobenzene	n/a	=	104	%	EPA 524.2	-88	-88	70	130	
2009/10-4	Lab	LCS	3/22/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	3.42	µg/L	EPA 625	0.23	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	68	%	EPA 625	-88	-88	56	127	X
2009/10-4	Lab	method blank	3/22/2010	Organic	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	3.53	µg/L	EPA 625	0.23	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	3.68	µg/L	EPA 625	0.23	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	74	%	EPA 625	-88	-88	56	127	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	71	%	EPA 625	-88	-88	56	127	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	4-Bromophenyl phenyl ether	n/a	=	4	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/24/2010	Organic	4-Chloro-3-methylphenol	n/a	=	3.85	µg/L	EPA 8270Cm	0.37	1			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	4-Chloro-3-methylphenol	n/a	=	77	%	EPA 8270Cm	-88	-88	67	107	X
2009/10-4	Lab	method blank	3/24/2010	Organic	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1			X
2009/10-4	MO-OJA	matrix spike	3/24/2010	Organic	4-Chloro-3-methylphenol	n/a	=	4.21	µg/L	EPA 8270Cm	0.37	1			X
2009/10-4	MO-OJA	matrix spike dup	3/24/2010	Organic	4-Chloro-3-methylphenol	n/a	=	4.28	µg/L	EPA 8270Cm	0.37	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/24/2010	Organic	4-Chloro-3-methylphenol	n/a	=	86	%	EPA 8270Cm	-88	-88	39	121	X
2009/10-4	MO-OJA	matrix spike, rec	3/24/2010	Organic	4-Chloro-3-methylphenol	n/a	=	84	%	EPA 8270Cm	-88	-88	39	121	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	MO-OJA	matrix spike, RPD	3/24/2010	Organic	4-Chloro-3-methylphenol	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	3.55	µg/L	EPA 625	0.24	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	71	%	EPA 625	-88	-88	25	158	X
2009/10-4	Lab	method blank	3/22/2010	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	3.6	µg/L	EPA 625	0.24	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	3.88	µg/L	EPA 625	0.24	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	78	%	EPA 625	-88	-88	25	158	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	72	%	EPA 625	-88	-88	25	158	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	4-Chlorophenyl phenyl ether	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/24/2010	Organic	4-Nitrophenol	n/a	=	1.97	µg/L	EPA 8270Cm	1	1			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	4-Nitrophenol	n/a	=	39	%	EPA 8270Cm	-88	-88	26	79	X
2009/10-4	Lab	method blank	3/24/2010	Organic	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2			X
2009/10-4	MO-OJA	matrix spike	3/24/2010	Organic	4-Nitrophenol	n/a	=	1.99	µg/L	EPA 8270Cm	1	1			X
2009/10-4	MO-OJA	matrix spike dup	3/24/2010	Organic	4-Nitrophenol	n/a	=	1.77	µg/L	EPA 8270Cm	1	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/24/2010	Organic	4-Nitrophenol	n/a	=	35	%	EPA 8270Cm	-88	-88	1	65	X
2009/10-4	MO-OJA	matrix spike, rec	3/24/2010	Organic	4-Nitrophenol	n/a	=	40	%	EPA 8270Cm	-88	-88	1	65	X
2009/10-4	MO-OJA	matrix spike, RPD	3/24/2010	Organic	4-Nitrophenol	n/a	=	12	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Acenaphthene	n/a	=	3.17	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Acenaphthene	n/a	=	63	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Acenaphthene	n/a	=	3.24	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Acenaphthene	n/a	=	3.53	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Acenaphthene	n/a	=	71	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Acenaphthene	n/a	=	65	%	EPA 8270Cm	-88	-88	47	145	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Acenaphthene	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Acenaphthylene	n/a	=	3.54	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Acenaphthylene	n/a	=	71	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Acenaphthylene	n/a	=	3.6	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Acenaphthylene	n/a	=	3.92	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Acenaphthylene	n/a	=	78	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Acenaphthylene	n/a	=	72	%	EPA 8270Cm	-88	-88	33	145	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Acenaphthylene	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Anthracene	n/a	=	4.3	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Anthracene	n/a	=	86	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Anthracene	n/a	=	4.31	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Anthracene	n/a	=	4.47	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Anthracene	n/a	=	89	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Anthracene	n/a	=	86	%	EPA 8270Cm	-88	-88	27	133	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Anthracene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Benz(a)anthracene	n/a	=	4.11	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Benz(a)anthracene	n/a	=	82	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Benz(a)anthracene	n/a	=	3.97	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Benz(a)anthracene	n/a	=	4.04	µg/L	EPA 8270Cm	0.28	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Benz(a)anthracene	n/a	=	81	%	EPA 8270Cm	-88	-88	33	143	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Benz(a)anthracene	n/a	=	79	%	EPA 8270Cm	-88	-88	33	143	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Benz(a)anthracene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5			X
2009/10-4	Lab	LCS	3/25/2010	Organic	Benzo(a)pyrene	n/a	=	3.19	µg/L	EPA 525.2	0.018	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Benzo(a)pyrene	n/a	=	64	%	EPA 525.2	-88	-88	54	136	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Benzo(a)pyrene	n/a	<	0.018	µg/L	EPA 525.2	0.018	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Organic	Benzo(a)pyrene	n/a	=	2.7	µg/L	EPA 525.2	0.018	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Organic	Benzo(a)pyrene	n/a	=	3.73	µg/L	EPA 525.2	0.018	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Organic	Benzo(a)pyrene	n/a	=	52	%	EPA 525.2	-88	-88	29	153	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Organic	Benzo(a)pyrene	n/a	=	31	%	EPA 525.2	-88	-88	29	153	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Organic	Benzo(a)pyrene	n/a	=	32	%	EPA 525.2	-88	-88	0	30	IL
2009/10-4	Lab	LCS	3/25/2010	Organic	Benzo(b)fluoranthene	n/a	=	3.99	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Benzo(b)fluoranthene	n/a	=	80	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Benzo(b)fluoranthene	n/a	=	3.98	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Benzo(b)fluoranthene	n/a	=	4.07	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Benzo(b)fluoranthene	n/a	=	81	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Benzo(b)fluoranthene	n/a	=	80	%	EPA 8270Cm	-88	-88	24	159	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Benzo(b)fluoranthene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Benzo(g,h,i)perylene	n/a	=	6	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Benzo(g,h,i)perylene	n/a	=	120	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Benzo(g,h,i)perylene	n/a	=	6.22	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Benzo(g,h,i)perylene	n/a	=	6.09	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Benzo(g,h,i)perylene	n/a	=	122	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Benzo(g,h,i)perylene	n/a	=	124	%	EPA 8270Cm	-88	-88	0.1	219	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Benzo(g,h,i)perylene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Benzo(k)fluoranthene	n/a	=	4.25	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Benzo(k)fluoranthene	n/a	=	85	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Benzo(k)fluoranthene	n/a	=	4.21	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Benzo(k)fluoranthene	n/a	=	4.29	µg/L	EPA 8270Cm	0.12	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Benzo(k)fluoranthene	n/a	=	86	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Benzo(k)fluoranthene	n/a	=	84	%	EPA 8270Cm	-88	-88	11	162	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Benzo(k)fluoranthene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	3.77	µg/L	EPA 625	0.4	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	75	%	EPA 625	-88	-88	33	184	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	3.78	µg/L	EPA 625	0.4	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	4.12	µg/L	EPA 625	0.4	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	82	%	EPA 625	-88	-88	33	184	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	76	%	EPA 625	-88	-88	33	184	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Bis(2-chloroethoxy)methane	n/a	=	9	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	3.27	µg/L	EPA 625	0.46	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	65	%	EPA 625	-88	-88	12	158	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	3.48	µg/L	EPA 625	0.46	1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	3.74	µg/L	EPA 625	0.46	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	75	%	EPA 625	-88	-88	12	158	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	70	%	EPA 625	-88	-88	12	158	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Bis(2-chloroethyl)ether	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3.35	µg/L	EPA 625	0.48	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	67	%	EPA 625	-88	-88	36	166	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3.51	µg/L	EPA 625	0.48	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	3.77	µg/L	EPA 625	0.48	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	75	%	EPA 625	-88	-88	36	166	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	70	%	EPA 625	-88	-88	36	166	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Bis(2-chloroisopropyl)ether	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4.45	µg/L	EPA 525.2	0.23	0.23			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	89	%	EPA 525.2	-88	-88	50	145	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	3.3	µg/L	EPA 525.2	0.23	0.23			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	4.52	µg/L	EPA 525.2	0.23	0.23			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	77	%	EPA 525.2	-88	-88	28	147	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	53	%	EPA 525.2	-88	-88	28	147	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Organic	Bis(2-ethylhexyl)adipate	n/a	=	31	%	EPA 525.2	-88	-88	0	30	IL
2009/10-4	Lab	LCS	3/25/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.16	µg/L	EPA 525.2	0.51	3			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 525.2	-88	-88	54	142	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.51	µg/L	EPA 525.2	0.51	3			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4.38	µg/L	EPA 525.2	0.51	3			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	5.76	µg/L	EPA 525.2	0.51	3			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	85	%	EPA 525.2	-88	-88	23	154	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	57	%	EPA 525.2	-88	-88	23	154	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	27	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Butyl benzyl phthalate	n/a	=	4.91	µg/L	EPA 625	1	1.2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Butyl benzyl phthalate	n/a	=	98	%	EPA 625	-88	-88	0.1	152	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Butyl benzyl phthalate	n/a	=	5.09	µg/L	EPA 625	1	5			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Butyl benzyl phthalate	n/a	=	5.09	µg/L	EPA 625	1	5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Butyl benzyl phthalate	n/a	=	102	%	EPA 625	-88	-88	0.1	152	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Butyl benzyl phthalate	n/a	=	102	%	EPA 625	-88	-88	0.1	152	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Butyl benzyl phthalate	n/a	=	0	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Chrysene	n/a	=	4.13	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Chrysene	n/a	=	83	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Chrysene	n/a	=	4.03	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Chrysene	n/a	=	4.13	µg/L	EPA 8270Cm	0.09	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Chrysene	n/a	=	83	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Chrysene	n/a	=	81	%	EPA 8270Cm	-88	-88	17	168	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Chrysene	n/a	=	2	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Dibenz(a,h)anthracene	n/a	=	6.04	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Dibenz(a,h)anthracene	n/a	=	121	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Dibenz(a,h)anthracene	n/a	=	6.11	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Dibenz(a,h)anthracene	n/a	=	5.93	µg/L	EPA 8270Cm	0.13	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Dibenz(a,h)anthracene	n/a	=	119	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Dibenz(a,h)anthracene	n/a	=	122	%	EPA 8270Cm	-88	-88	0.1	227	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Dibenz(a,h)anthracene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Diethyl phthalate	n/a	=	3.98	µg/L	EPA 625	0.23	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Diethyl phthalate	n/a	=	80	%	EPA 625	-88	-88	0.1	112	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Diethyl phthalate	n/a	=	4.12	µg/L	EPA 625	0.23	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Diethyl phthalate	n/a	=	4.31	µg/L	EPA 625	0.23	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Diethyl phthalate	n/a	=	86	%	EPA 625	-88	-88	0.1	112	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Diethyl phthalate	n/a	=	82	%	EPA 625	-88	-88	0.1	112	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Diethyl phthalate	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Dimethyl phthalate	n/a	=	3.58	µg/L	EPA 625	0.26	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Dimethyl phthalate	n/a	=	72	%	EPA 625	-88	-88	0.1	112	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Dimethyl phthalate	n/a	=	3.69	µg/L	EPA 625	0.26	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Dimethyl phthalate	n/a	=	3.91	µg/L	EPA 625	0.26	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Dimethyl phthalate	n/a	=	78	%	EPA 625	-88	-88	0.1	112	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Dimethyl phthalate	n/a	=	74	%	EPA 625	-88	-88	0.1	112	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Dimethyl phthalate	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Di-n-butylphthalate	n/a	=	4.51	µg/L	EPA 625	0.53	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Di-n-butylphthalate	n/a	=	90	%	EPA 625	-88	-88	1	118	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Di-n-butylphthalate	n/a	=	4.58	µg/L	EPA 625	0.53	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Di-n-butylphthalate	n/a	=	4.63	µg/L	EPA 625	0.53	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Di-n-butylphthalate	n/a	=	93	%	EPA 625	-88	-88	1	118	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Di-n-butylphthalate	n/a	=	92	%	EPA 625	-88	-88	1	118	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Di-n-butylphthalate	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Di-n-octylphthalate	n/a	=	4.54	µg/L	EPA 625	0.28	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Di-n-octylphthalate	n/a	=	91	%	EPA 625	-88	-88	6	146	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Di-n-octylphthalate	n/a	=	4.7	µg/L	EPA 625	0.28	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Di-n-octylphthalate	n/a	=	4.69	µg/L	EPA 625	0.28	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Di-n-octylphthalate	n/a	=	94	%	EPA 625	-88	-88	6	146	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Di-n-octylphthalate	n/a	=	94	%	EPA 625	-88	-88	6	146	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Di-n-octylphthalate	n/a	=	0.2	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Fluoranthene	n/a	=	3.79	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Fluoranthene	n/a	=	76	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Fluoranthene	n/a	=	3.72	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Fluoranthene	n/a	=	3.84	µg/L	EPA 8270Cm	0.2	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Fluoranthene	n/a	=	77	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Fluoranthene	n/a	=	74	%	EPA 8270Cm	-88	-88	26	137	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Fluoranthene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Fluorene	n/a	=	3.32	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Fluorene	n/a	=	66	%	EPA 8270Cm	-88	-88	59	121	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	method blank	3/25/2010	Organic	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Fluorene	n/a	=	3.43	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Fluorene	n/a	=	3.68	µg/L	EPA 8270Cm	0.15	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Fluorene	n/a	=	74	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Fluorene	n/a	=	69	%	EPA 8270Cm	-88	-88	59	121	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Fluorene	n/a	=	7	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Hexachlorobenzene	n/a	=	4.14	µg/L	EPA 625	0.15	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625	-88	-88	0.1	152	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Hexachlorobenzene	n/a	=	4.16	µg/L	EPA 625	0.15	1			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Hexachlorobenzene	n/a	=	4.42	µg/L	EPA 625	0.15	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Hexachlorobenzene	n/a	=	88	%	EPA 625	-88	-88	0.1	152	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Hexachlorobenzene	n/a	=	83	%	EPA 625	-88	-88	0.1	152	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Hexachlorobenzene	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Hexachlorobutadiene	n/a	=	3.28	µg/L	EPA 625	0.41	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Hexachlorobutadiene	n/a	=	66	%	EPA 625	-88	-88	24	116	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Hexachlorobutadiene	n/a	=	3.55	µg/L	EPA 625	0.41	1			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Hexachlorobutadiene	n/a	=	3.81	µg/L	EPA 625	0.41	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Hexachlorobutadiene	n/a	=	76	%	EPA 625	-88	-88	24	116	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Hexachlorobutadiene	n/a	=	71	%	EPA 625	-88	-88	24	116	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Hexachlorobutadiene	n/a	=	7	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Hexachlorocyclopentadiene	n/a	=	1.42	µg/L	EPA 625	0	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Hexachlorocyclopentadiene	n/a	=	28	%	EPA 625	-88	-88	0.1	136	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Hexachlorocyclopentadiene	n/a	=	2	µg/L	EPA 625	0	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Hexachlorocyclopentadiene	n/a	=	2.02	µg/L	EPA 625	0	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Hexachlorocyclopentadiene	n/a	=	40	%	EPA 625	-88	-88	0.1	146	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Hexachlorocyclopentadiene	n/a	=	40	%	EPA 625	-88	-88	0.1	146	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Hexachlorocyclopentadiene	n/a	=	1	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Hexachloroethane	n/a	=	3.19	µg/L	EPA 625	0.36	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Hexachloroethane	n/a	=	64	%	EPA 625	-88	-88	40	113	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Hexachloroethane	n/a	=	3.45	µg/L	EPA 625	0.36	1			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Hexachloroethane	n/a	=	3.68	µg/L	EPA 625	0.36	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Hexachloroethane	n/a	=	74	%	EPA 625	-88	-88	40	113	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Hexachloroethane	n/a	=	69	%	EPA 625	-88	-88	40	113	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Hexachloroethane	n/a	=	6	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6.17	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	123	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	6	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5.85	µg/L	EPA 8270Cm	0.1	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	117	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	120	%	EPA 8270Cm	-88	-88	0.1	171	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	3	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Isophorone	n/a	=	3.68	µg/L	EPA 625	0.33	1			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Isophorone	n/a	=	74	%	EPA 625	-88	-88	21	196	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Isophorone	n/a	=	3.74	µg/L	EPA 625	0.33	1			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Isophorone	n/a	=	4.07	µg/L	EPA 625	0.33	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Isophorone	n/a	=	81	%	EPA 625	-88	-88	21	196	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Isophorone	n/a	=	75	%	EPA 625	-88	-88	21	196	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Isophorone	n/a	=	8	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/19/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.15	µg/L	EPA 524.2	1.1	3			
2009/10-4	Lab	LCS dup	3/19/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	5.82	µg/L	EPA 524.2	1.1	3			
2009/10-4	Lab	LCS dup, rec	3/19/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	97	%	EPA 524.2	-88	-88	70	130	
2009/10-4	Lab	LCS, rec	3/19/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	86	%	EPA 524.2	-88	-88	70	130	
2009/10-4	Lab	LCS, RPD	3/19/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	=	12	%	EPA 524.2	-88	-88	0	30	
2009/10-4	Lab	method blank	3/19/2010	Organic	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3			
2009/10-4	Lab	LCS	3/25/2010	Organic	Naphthalene	n/a	=	3.11	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Naphthalene	n/a	=	62	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Naphthalene	n/a	=	3.28	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Naphthalene	n/a	=	3.58	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Naphthalene	n/a	=	72	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Naphthalene	n/a	=	66	%	EPA 8270Cm	-88	-88	21	133	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Naphthalene	n/a	=	9	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	Nitrobenzene	n/a	=	3.66	µg/L	EPA 625	0.37	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	Nitrobenzene	n/a	=	73	%	EPA 625	-88	-88	35	180	X
2009/10-4	Lab	method blank	3/22/2010	Organic	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	Nitrobenzene	n/a	=	3.73	µg/L	EPA 625	0.37	1			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	Nitrobenzene	n/a	=	3.94	µg/L	EPA 625	0.37	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	Nitrobenzene	n/a	=	79	%	EPA 625	-88	-88	35	180	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	Nitrobenzene	n/a	=	75	%	EPA 625	-88	-88	35	180	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	Nitrobenzene	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	srgt LCS	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	7.67	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	34	139	X
2009/10-4	Lab	srgt method blank	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	7.39	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	74	%	EPA 625	-88	-88	34	139	X
2009/10-4	Lab	srgt LCS	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	6.79	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	Lab	srgt method blank	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	6.57	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	66	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	ME-CC	srgt environ	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	7.9	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	79	%	EPA 625	-88	-88	34	139	X
2009/10-4	ME-CC	srgt environ	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	7.14	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	71	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	ME-SCR	srgt environ	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	8.34	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	83	%	EPA 625	-88	-88	34	139	X
2009/10-4	ME-SCR	srgt environ	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	7.33	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	ME-VR2	srgt environ	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	7.73	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	77	%	EPA 625	-88	-88	34	139	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-VR2	srgt environ	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	6.89	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	69	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	MO-CAM	srgt environ	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	8.59	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625	-88	-88	34	139	X
2009/10-4	MO-CAM	srgt environ	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	7.52	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	MO-MEI	srgt environ	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	7.26	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	73	%	EPA 625	-88	-88	34	139	X
2009/10-4	MO-MEI	srgt environ	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	6.69	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	67	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	MO-OJA	srgt environ	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	8.58	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	86	%	EPA 625	-88	-88	34	139	X
2009/10-4	MO-OJA	srgt matrix spike	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	7.47	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	7.97	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	80	%	EPA 625	-88	-88	34	139	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	75	%	EPA 625	-88	-88	34	139	X
2009/10-4	MO-OJA	srgt environ	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	7.62	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	76	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	MO-OJA	srgt matrix spike	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	6.77	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	7.19	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	72	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	68	%	EPA 8270Cm	-88	-88	51	143	X
2009/10-4	MO-VEN	srgt environ	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	5.42	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/22/2010	Organic	Nitrobenzene-d5	n/a	=	54	%	EPA 625	-88	-88	34	139	X
2009/10-4	MO-VEN	srgt environ	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	4.65	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/25/2010	Organic	Nitrobenzene-d5	n/a	=	46	%	EPA 8270Cm	-88	-88	51	143	GN
2009/10-4	Lab	LCS	3/22/2010	Organic	N-Nitrosodimethylamine	n/a	=	2.49	µg/L	EPA 625	0.36	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	N-Nitrosodimethylamine	n/a	=	50	%	EPA 625	-88	-88	27	78	X
2009/10-4	Lab	method blank	3/22/2010	Organic	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	N-Nitrosodimethylamine	n/a	=	2.56	µg/L	EPA 625	0.36	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	N-Nitrosodimethylamine	n/a	=	2.77	µg/L	EPA 625	0.36	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	N-Nitrosodimethylamine	n/a	=	55	%	EPA 625	-88	-88	22	70	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	N-Nitrosodimethylamine	n/a	=	51	%	EPA 625	-88	-88	22	70	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	N-Nitrosodimethylamine	n/a	=	8	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	3.94	µg/L	EPA 625	0.41	2			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625	-88	-88	0.1	230	X
2009/10-4	Lab	method blank	3/22/2010	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	4.1	µg/L	EPA 625	0.41	2			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	4.51	µg/L	EPA 625	0.41	2			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	90	%	EPA 625	-88	-88	0.1	230	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	82	%	EPA 625	-88	-88	0.1	230	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	N-Nitrosodi-N-propylamine	n/a	=	10	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Organic	N-Nitrosodiphenylamine	n/a	=	3.71	µg/L	EPA 625	0.23	1			X
2009/10-4	Lab	LCS, rec	3/22/2010	Organic	N-Nitrosodiphenylamine	n/a	=	74	%	EPA 625	-88	-88	48	129	X
2009/10-4	Lab	method blank	3/22/2010	Organic	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1			X
2009/10-4	MO-OJA	matrix spike	3/22/2010	Organic	N-Nitrosodiphenylamine	n/a	=	3.67	µg/L	EPA 625	0.23	1			X
2009/10-4	MO-OJA	matrix spike dup	3/22/2010	Organic	N-Nitrosodiphenylamine	n/a	=	3.84	µg/L	EPA 625	0.23	1			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	MO-OJA	matrix spike dup, rec	3/22/2010	Organic	N-Nitrosodiphenylamine	n/a	=	77	%	EPA 625	-88	-88	17	138	X
2009/10-4	MO-OJA	matrix spike, rec	3/22/2010	Organic	N-Nitrosodiphenylamine	n/a	=	73	%	EPA 625	-88	-88	17	138	X
2009/10-4	MO-OJA	matrix spike, RPD	3/22/2010	Organic	N-Nitrosodiphenylamine	n/a	=	5	%	EPA 625	-88	-88	0	30	X
2009/10-4	Lab	srgt LCS	3/25/2010	Organic	Perylene-d12	n/a	=	3.29	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/25/2010	Organic	Perylene-d12	n/a	=	66	%	EPA 525.2	-88	-88	48	141	X
2009/10-4	Lab	srgt method blank	3/25/2010	Organic	Perylene-d12	n/a	=	3.07	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/25/2010	Organic	Perylene-d12	n/a	=	61	%	EPA 525.2	-88	-88	48	141	X
2009/10-4	ME-CC	srgt environ	3/25/2010	Organic	Perylene-d12	n/a	=	3.34	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/25/2010	Organic	Perylene-d12	n/a	=	67	%	EPA 525.2	-88	-88	48	141	X
2009/10-4	ME-SCR	srgt environ	3/25/2010	Organic	Perylene-d12	n/a	=	2.69	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/25/2010	Organic	Perylene-d12	n/a	=	54	%	EPA 525.2	-88	-88	48	141	X
2009/10-4	ME-SCR	srgt matrix spike	3/25/2010	Organic	Perylene-d12	n/a	=	3.71	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup	3/25/2010	Organic	Perylene-d12	n/a	=	3.41	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup, rec	3/25/2010	Organic	Perylene-d12	n/a	=	68	%	EPA 525.2	-88	-88	48	141	X
2009/10-4	ME-SCR	srgt matrix spike, rec	3/25/2010	Organic	Perylene-d12	n/a	=	74	%	EPA 525.2	-88	-88	48	141	X
2009/10-4	ME-VR2	srgt environ	3/25/2010	Organic	Perylene-d12	n/a	=	3.52	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/25/2010	Organic	Perylene-d12	n/a	=	70	%	EPA 525.2	-88	-88	48	141	X
2009/10-4	MO-CAM	srgt environ	3/25/2010	Organic	Perylene-d12	n/a	=	1.99	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/25/2010	Organic	Perylene-d12	n/a	=	40	%	EPA 525.2	-88	-88	48	141	GN
2009/10-4	MO-MEI	srgt environ	3/25/2010	Organic	Perylene-d12	n/a	=	3.22	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/25/2010	Organic	Perylene-d12	n/a	=	64	%	EPA 525.2	-88	-88	48	141	X
2009/10-4	MO-OJA	srgt environ	3/25/2010	Organic	Perylene-d12	n/a	=	4	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/25/2010	Organic	Perylene-d12	n/a	=	80	%	EPA 525.2	-88	-88	48	141	X
2009/10-4	MO-VEN	srgt environ	3/25/2010	Organic	Perylene-d12	n/a	=	1.63	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/25/2010	Organic	Perylene-d12	n/a	=	33	%	EPA 525.2	-88	-88	48	141	GN
2009/10-4	Lab	LCS	3/25/2010	Organic	Phenanthrene	n/a	=	3.55	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Phenanthrene	n/a	=	71	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Phenanthrene	n/a	=	3.64	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Phenanthrene	n/a	=	3.79	µg/L	EPA 8270Cm	0.11	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Phenanthrene	n/a	=	76	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Phenanthrene	n/a	=	73	%	EPA 8270Cm	-88	-88	54	120	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Phenanthrene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/24/2010	Organic	Phenol	n/a	=	1.58	µg/L	EPA 8270Cm	0.35	1			X
2009/10-4	Lab	LCS, rec	3/24/2010	Organic	Phenol	n/a	=	32	%	EPA 8270Cm	-88	-88	36	65	EUM
2009/10-4	Lab	method blank	3/24/2010	Organic	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1			X
2009/10-4	MO-OJA	matrix spike	3/24/2010	Organic	Phenol	n/a	=	2.03	µg/L	EPA 8270Cm	0.35	1			X
2009/10-4	MO-OJA	matrix spike dup	3/24/2010	Organic	Phenol	n/a	=	2.12	µg/L	EPA 8270Cm	0.35	1			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/24/2010	Organic	Phenol	n/a	=	30	%	EPA 8270Cm	-88	-88	14	50	X
2009/10-4	MO-OJA	matrix spike, rec	3/24/2010	Organic	Phenol	n/a	=	28	%	EPA 8270Cm	-88	-88	14	50	X
2009/10-4	MO-OJA	matrix spike, RPD	3/24/2010	Organic	Phenol	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	srgt LCS	3/22/2010	Organic	Phenol-d5	n/a	=	6	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/22/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	X
2009/10-4	Lab	srgt method blank	3/22/2010	Organic	Phenol-d5	n/a	=	5.68	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/22/2010	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	X
2009/10-4	Lab	srgt LCS	3/24/2010	Organic	Phenol-d5	n/a	=	5.92	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/24/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 8270Cm	-88	-88	13	58	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	srgt method blank	3/24/2010	Organic	Phenol-d5	n/a	=	5.99	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/24/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	ME-CC	srgt environ	3/22/2010	Organic	Phenol-d5	n/a	=	5.67	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/22/2010	Organic	Phenol-d5	n/a	=	28	%	EPA 625	-88	-88	2	70	X
2009/10-4	ME-CC	srgt environ	3/24/2010	Organic	Phenol-d5	n/a	=	5.99	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/24/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	ME-SCR	srgt environ	3/22/2010	Organic	Phenol-d5	n/a	=	6.06	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/22/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	X
2009/10-4	ME-SCR	srgt environ	3/24/2010	Organic	Phenol-d5	n/a	=	6.14	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/24/2010	Organic	Phenol-d5	n/a	=	31	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	ME-VR2	srgt environ	3/22/2010	Organic	Phenol-d5	n/a	=	6.03	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/22/2010	Organic	Phenol-d5	n/a	=	30	%	EPA 625	-88	-88	2	70	X
2009/10-4	ME-VR2	srgt environ	3/24/2010	Organic	Phenol-d5	n/a	=	5.89	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/24/2010	Organic	Phenol-d5	n/a	=	29	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	MO-CAM	srgt environ	3/22/2010	Organic	Phenol-d5	n/a	=	6.49	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/22/2010	Organic	Phenol-d5	n/a	=	32	%	EPA 625	-88	-88	2	70	X
2009/10-4	MO-CAM	srgt environ	3/25/2010	Organic	Phenol-d5	n/a	=	6.92	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/25/2010	Organic	Phenol-d5	n/a	=	35	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	MO-MEI	srgt environ	3/22/2010	Organic	Phenol-d5	n/a	=	4.82	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/22/2010	Organic	Phenol-d5	n/a	=	24	%	EPA 625	-88	-88	2	70	X
2009/10-4	MO-MEI	srgt environ	3/25/2010	Organic	Phenol-d5	n/a	=	4.85	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/25/2010	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	MO-OJA	srgt environ	3/22/2010	Organic	Phenol-d5	n/a	=	6.18	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/22/2010	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	X
2009/10-4	MO-OJA	srgt matrix spike	3/22/2010	Organic	Phenol-d5	n/a	=	5.74	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/22/2010	Organic	Phenol-d5	n/a	=	6.12	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/22/2010	Organic	Phenol-d5	n/a	=	31	%	EPA 625	-88	-88	2	70	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/22/2010	Organic	Phenol-d5	n/a	=	29	%	EPA 625	-88	-88	2	70	X
2009/10-4	MO-OJA	srgt matrix spike	3/24/2010	Organic	Phenol-d5	n/a	=	5.88	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/24/2010	Organic	Phenol-d5	n/a	=	6.13	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/24/2010	Organic	Phenol-d5	n/a	=	31	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/24/2010	Organic	Phenol-d5	n/a	=	29	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	MO-OJA	srgt environ	3/25/2010	Organic	Phenol-d5	n/a	=	6.2	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/25/2010	Organic	Phenol-d5	n/a	=	31	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	MO-VEN	srgt environ	3/22/2010	Organic	Phenol-d5	n/a	=	4.69	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/22/2010	Organic	Phenol-d5	n/a	=	23	%	EPA 625	-88	-88	2	70	X
2009/10-4	MO-VEN	srgt environ	3/25/2010	Organic	Phenol-d5	n/a	=	4.83	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/25/2010	Organic	Phenol-d5	n/a	=	24	%	EPA 8270Cm	-88	-88	13	58	X
2009/10-4	Lab	srgt LCS	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	6.76	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	6	145	X
2009/10-4	Lab	srgt method blank	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	7.5	µg/L	EPA 625	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	75	%	EPA 625	-88	-88	6	145	X
2009/10-4	Lab	srgt LCS	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	5.48	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	Lab	srgt method blank	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	6.13	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	61	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	ME-CC	srgt environ	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	7.45	µg/L	EPA 625	-88	-88			X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-CC	srgt environ, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	74	%	EPA 625	-88	-88	6	145	X
2009/10-4	ME-CC	srgt environ	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	6.21	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	62	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	ME-SCR	srgt environ	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	8.38	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 625	-88	-88	6	145	X
2009/10-4	ME-SCR	srgt environ	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	6.49	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	65	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	ME-VR2	srgt environ	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	8.95	µg/L	EPA 625	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	90	%	EPA 625	-88	-88	6	145	X
2009/10-4	ME-VR2	srgt environ	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	7.28	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	73	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	MO-CAM	srgt environ	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	8.92	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	89	%	EPA 625	-88	-88	6	145	X
2009/10-4	MO-CAM	srgt environ	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	6.39	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	64	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	MO-MEI	srgt environ	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	10.7	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	107	%	EPA 625	-88	-88	6	145	X
2009/10-4	MO-MEI	srgt environ	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	8.38	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	84	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	MO-OJA	srgt environ	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	9.52	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	95	%	EPA 625	-88	-88	6	145	X
2009/10-4	MO-OJA	srgt matrix spike	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	6.83	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	7.25	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	72	%	EPA 625	-88	-88	6	145	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	68	%	EPA 625	-88	-88	6	145	X
2009/10-4	MO-OJA	srgt environ	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	7.72	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	77	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	MO-OJA	srgt matrix spike	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	5.47	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	5.95	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-OJA	srgt matrix spike dup, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	60	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	MO-OJA	srgt matrix spike, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	55	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	MO-VEN	srgt environ	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	7.06	µg/L	EPA 625	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/22/2010	Organic	p-Terphenyl-d14	n/a	=	71	%	EPA 625	-88	-88	6	145	X
2009/10-4	MO-VEN	srgt environ	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	5.75	µg/L	EPA 8270Cm	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/25/2010	Organic	p-Terphenyl-d14	n/a	=	58	%	EPA 8270Cm	-88	-88	19	134	X
2009/10-4	Lab	LCS	3/25/2010	Organic	Pyrene	n/a	=	3.75	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-4	Lab	LCS, rec	3/25/2010	Organic	Pyrene	n/a	=	75	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-4	Lab	method blank	3/25/2010	Organic	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-4	MO-OJA	matrix spike	3/25/2010	Organic	Pyrene	n/a	=	3.66	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-4	MO-OJA	matrix spike dup	3/25/2010	Organic	Pyrene	n/a	=	3.8	µg/L	EPA 8270Cm	0.21	0.5			X
2009/10-4	MO-OJA	matrix spike dup, rec	3/25/2010	Organic	Pyrene	n/a	=	76	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-4	MO-OJA	matrix spike, rec	3/25/2010	Organic	Pyrene	n/a	=	73	%	EPA 8270Cm	-88	-88	52	115	X
2009/10-4	MO-OJA	matrix spike, RPD	3/25/2010	Organic	Pyrene	n/a	=	4	%	EPA 8270Cm	-88	-88	0	30	X
2009/10-4	Lab	srgt LCS	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0854	µg/L	EPA 608	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	26	131	X
2009/10-4	Lab	srgt method blank	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0881	µg/L	EPA 608	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	88	%	EPA 608	-88	-88	26	131	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-CC	srgt environ	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0789	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 608	-88	-88	26	131	X
2009/10-4	ME-SCR	srgt environ	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0947	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	95	%	EPA 608	-88	-88	26	131	X
2009/10-4	ME-SCR	srgt matrix spike	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0853	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0798	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	80	%	EPA 608	-88	-88	26	131	X
2009/10-4	ME-SCR	srgt matrix spike, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	85	%	EPA 608	-88	-88	26	131	X
2009/10-4	ME-VR2	srgt environ	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0768	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 608	-88	-88	26	131	X
2009/10-4	MO-CAM	srgt environ	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0725	µg/L	EPA 608	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	73	%	EPA 608	-88	-88	26	131	X
2009/10-4	MO-MEI	srgt environ	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0372	µg/L	EPA 608	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	37	%	EPA 608	-88	-88	26	131	X
2009/10-4	MO-OJA	srgt environ	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0706	µg/L	EPA 608	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	71	%	EPA 608	-88	-88	26	131	X
2009/10-4	MO-VEN	srgt environ	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.0565	µg/L	EPA 608	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/30/2010	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	56	%	EPA 608	-88	-88	26	131	X
2009/10-4	Lab	srgt LCS	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.4	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	88	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	Lab	srgt method blank	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.07	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	81	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	Lab	srgt LCS	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.938	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	188	%	EPA 525.2	-88	-88	71	150	GN
2009/10-4	Lab	srgt method blank	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.743	µg/L	EPA 525.2	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	149	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-CC	srgt environ	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.75	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-CC	srgt environ	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.677	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	135	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-SCR	srgt environ	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.6	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-SCR	srgt matrix spike	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.95	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.7	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	94	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-SCR	srgt matrix spike, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	99	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-SCR	srgt environ	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.681	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	136	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-SCR	srgt matrix spike	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.695	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.473	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	95	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-SCR	srgt matrix spike, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	139	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-VR2	srgt environ	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.65	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	93	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	ME-VR2	srgt environ	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.663	µg/L	EPA 525.2	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	133	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	MO-CAM	srgt environ	3/25/2010	Organic	Triphenylphosphate	n/a	=	3.77	µg/L	EPA 525.2	-88	-88			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	MO-CAM	srgt environ, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	75	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	MO-CAM	srgt environ	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.745	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	149	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	MO-MEI	srgt environ	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.25	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	85	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	MO-MEI	srgt environ	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.481	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	96	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	MO-OJA	srgt environ	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.58	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	92	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	MO-OJA	srgt environ	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.561	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	112	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	MO-VEN	srgt environ	3/25/2010	Organic	Triphenylphosphate	n/a	=	4.07	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/25/2010	Organic	Triphenylphosphate	n/a	=	81	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	MO-VEN	srgt environ	4/12/2010	Organic	Triphenylphosphate	n/a	=	0.355	µg/L	EPA 525.2	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	4/12/2010	Organic	Triphenylphosphate	n/a	=	71	%	EPA 525.2	-88	-88	71	150	X
2009/10-4	Lab	srgt LCS	3/30/2010	PCB	PCB 209	n/a	=	0.101	µg/L	EPA 608	-88	-88			X
2009/10-4	Lab	srgt LCS, rec	3/30/2010	PCB	PCB 209	n/a	=	101	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	Lab	srgt method blank	3/30/2010	PCB	PCB 209	n/a	=	0.0989	µg/L	EPA 608	-88	-88			X
2009/10-4	Lab	srgt method blank, rec	3/30/2010	PCB	PCB 209	n/a	=	99	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	ME-CC	srgt environ	3/30/2010	PCB	PCB 209	n/a	=	0.0557	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-CC	srgt environ, rec	3/30/2010	PCB	PCB 209	n/a	=	56	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	ME-SCR	srgt environ	3/30/2010	PCB	PCB 209	n/a	=	0.05	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-SCR	srgt environ, rec	3/30/2010	PCB	PCB 209	n/a	=	50	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	ME-SCR	srgt matrix spike	3/30/2010	PCB	PCB 209	n/a	=	0.0513	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup	3/30/2010	PCB	PCB 209	n/a	=	0.0453	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-SCR	srgt matrix spike dup, rec	3/30/2010	PCB	PCB 209	n/a	=	45	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	ME-SCR	srgt matrix spike, rec	3/30/2010	PCB	PCB 209	n/a	=	51	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	ME-VR2	srgt environ	3/30/2010	PCB	PCB 209	n/a	=	0.0602	µg/L	EPA 608	-88	-88			X
2009/10-4	ME-VR2	srgt environ, rec	3/30/2010	PCB	PCB 209	n/a	=	60	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	MO-CAM	srgt environ	3/30/2010	PCB	PCB 209	n/a	=	0.0286	µg/L	EPA 608	-88	-88			X
2009/10-4	MO-CAM	srgt environ, rec	3/30/2010	PCB	PCB 209	n/a	=	29	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	MO-MEI	srgt environ	3/30/2010	PCB	PCB 209	n/a	=	0.0503	µg/L	EPA 608	-88	-88			X
2009/10-4	MO-MEI	srgt environ, rec	3/30/2010	PCB	PCB 209	n/a	=	50	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	MO-OJA	srgt environ	3/30/2010	PCB	PCB 209	n/a	=	0.0226	µg/L	EPA 608	-88	-88			X
2009/10-4	MO-OJA	srgt environ, rec	3/30/2010	PCB	PCB 209	n/a	=	23	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	MO-VEN	srgt environ	3/30/2010	PCB	PCB 209	n/a	=	0.0514	µg/L	EPA 608	-88	-88			X
2009/10-4	MO-VEN	srgt environ, rec	3/30/2010	PCB	PCB 209	n/a	=	51	%	EPA 608	-88	-88	0.1	154	X
2009/10-4	Lab	method blank	3/30/2010	PCB	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5			X
2009/10-4	Lab	method blank	3/30/2010	PCB	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			X
2009/10-4	Lab	method blank	3/30/2010	PCB	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5			X
2009/10-4	Lab	method blank	3/30/2010	PCB	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5			X
2009/10-4	Lab	method blank	3/30/2010	PCB	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5			X
2009/10-4	Lab	method blank	3/30/2010	PCB	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			X
2009/10-4	Lab	method blank	3/30/2010	PCB	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5			X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	2,4,5-T	n/a	=	1.64	µg/L	EPA 515.3	0.05	0.2			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	2,4,5-T	n/a	=	82	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	2,4,5-T	n/a	=	1.7	µg/L	EPA 515.3	0.05	0.2			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	2,4,5-T	n/a	=	1.69	µg/L	EPA 515.3	0.05	0.2			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	2,4,5-T	n/a	=	85	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	2,4,5-T	n/a	=	85	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	2,4,5-T	n/a	=	0.7	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	2,4,5-TP	n/a	=	1.79	µg/L	EPA 515.3	0.02	0.2			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	2,4,5-TP	n/a	=	90	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	2,4,5-TP	n/a	=	1.95	µg/L	EPA 515.3	0.02	0.2			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	2,4,5-TP	n/a	=	1.94	µg/L	EPA 515.3	0.02	0.2			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	2,4,5-TP	n/a	=	97	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	2,4,5-TP	n/a	=	97	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	2,4,5-TP	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	2,4-D	n/a	=	1.43	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	2,4-D	n/a	=	71	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	2,4-D	n/a	=	1.78	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	2,4-D	n/a	=	1.82	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	2,4-D	n/a	=	91	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	2,4-D	n/a	=	89	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	2,4-D	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	2,4-DB	n/a	=	2.1	µg/L	EPA 515.3	0.42	2			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	2,4-DB	n/a	=	105	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	2,4-DB	n/a	=	1.65	µg/L	EPA 515.3	0.42	1.5			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	2,4-DB	n/a	=	1.8	µg/L	EPA 515.3	0.42	1.5			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	2,4-DB	n/a	=	90	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	2,4-DB	n/a	=	82	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	2,4-DB	n/a	=	9	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01			X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01			X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01			X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	1.42	µg/L	EPA 515.3	0.08	1			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	71	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2.01	µg/L	EPA 515.3	0.08	1			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	2.26	µg/L	EPA 515.3	0.08	1			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	113	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	101	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	3,5-Dichlorobenzoic acid	n/a	=	12	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	4,4'-DDD	n/a	=	0.0751	µg/L	EPA 608	0.003	0.05			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	4,4'-DDD	n/a	=	75	%	EPA 608	-88	-88	30	141	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	4,4'-DDD	n/a	=	0.0886	µg/L	EPA 608	0.003	0.05			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	4,4'-DDD	n/a	=	0.0864	µg/L	EPA 608	0.003	0.05			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	4,4'-DDD	n/a	=	86	%	EPA 608	-88	-88	31	141	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	4,4'-DDD	n/a	=	89	%	EPA 608	-88	-88	31	141	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	4,4'-DDD	n/a	=	2	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	4,4'-DDE	n/a	=	0.083	µg/L	EPA 608	0.0025	0.05			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	4,4'-DDE	n/a	=	83	%	EPA 608	-88	-88	30	145	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	4,4'-DDE	n/a	=	0.0812	µg/L	EPA 608	0.0025	0.05			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	4,4'-DDE	n/a	=	0.0758	µg/L	EPA 608	0.0025	0.05			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	4,4'-DDE	n/a	=	76	%	EPA 608	-88	-88	30	145	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	4,4'-DDE	n/a	=	81	%	EPA 608	-88	-88	30	145	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	4,4'-DDE	n/a	=	7	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	4,4'-DDT	n/a	=	0.104	µg/L	EPA 608	0.0031	0.01			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	4,4'-DDT	n/a	=	104	%	EPA 608	-88	-88	25	160	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	4,4'-DDT	n/a	=	0.106	µg/L	EPA 608	0.0031	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	4,4'-DDT	n/a	=	0.102	µg/L	EPA 608	0.0031	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	4,4'-DDT	n/a	=	102	%	EPA 608	-88	-88	25	160	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	4,4'-DDT	n/a	=	106	%	EPA 608	-88	-88	25	160	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	4,4'-DDT	n/a	=	4	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	Acifluorfen	n/a	=	1.64	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	Acifluorfen	n/a	=	82	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	Acifluorfen	n/a	=	1.86	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	Acifluorfen	n/a	=	1.94	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	Acifluorfen	n/a	=	97	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	Acifluorfen	n/a	=	93	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	Acifluorfen	n/a	=	4	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Alachlor	n/a	=	4.9	µg/L	EPA 525.2	0.07	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Alachlor	n/a	=	98	%	EPA 525.2	-88	-88	58	164	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Alachlor	n/a	=	4.95	µg/L	EPA 525.2	0.07	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Alachlor	n/a	=	5.33	µg/L	EPA 525.2	0.07	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Alachlor	n/a	=	107	%	EPA 525.2	-88	-88	58	177	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Alachlor	n/a	=	99	%	EPA 525.2	-88	-88	58	177	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Alachlor	n/a	=	7	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	Aldrin	n/a	=	0.0856	µg/L	EPA 608	0.0015	0.005			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	Aldrin	n/a	=	86	%	EPA 608	-88	-88	42	122	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	Aldrin	n/a	=	0.0807	µg/L	EPA 608	0.0015	0.005			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	Aldrin	n/a	=	0.0761	µg/L	EPA 608	0.0015	0.005			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	Aldrin	n/a	=	76	%	EPA 608	-88	-88	42	122	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	Aldrin	n/a	=	81	%	EPA 608	-88	-88	42	122	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	Aldrin	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	alpha-BHC	n/a	=	0.0851	µg/L	EPA 608	0.0018	0.01			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	alpha-BHC	n/a	=	85	%	EPA 608	-88	-88	37	134	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	alpha-BHC	n/a	=	0.0788	µg/L	EPA 608	0.0018	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	alpha-BHC	n/a	=	0.0742	µg/L	EPA 608	0.0018	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	alpha-BHC	n/a	=	74	%	EPA 608	-88	-88	37	134	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	alpha-BHC	n/a	=	79	%	EPA 608	-88	-88	37	134	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	alpha-BHC	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	alpha-Chlordane	n/a	=	0.0944	µg/L	EPA 608	0.0041	0.01			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	alpha-Chlordane	n/a	=	94	%	EPA 608	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	alpha-Chlordane	n/a	=	0.0916	µg/L	EPA 608	0.0041	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	alpha-Chlordane	n/a	=	0.0854	µg/L	EPA 608	0.0041	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	alpha-Chlordane	n/a	=	85	%	EPA 608	-88	-88	60	130	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	alpha-Chlordane	n/a	=	92	%	EPA 608	-88	-88	60	130	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	alpha-Chlordane	n/a	=	7	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Atrazine	n/a	=	5.11	µg/L	EPA 525.2	0.047	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Atrazine	n/a	=	102	%	EPA 525.2	-88	-88	68	133	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Atrazine	n/a	=	5.66	µg/L	EPA 525.2	0.047	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Atrazine	n/a	=	5.51	µg/L	EPA 525.2	0.047	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Atrazine	n/a	=	110	%	EPA 525.2	-88	-88	53	142	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Atrazine	n/a	=	113	%	EPA 525.2	-88	-88	53	142	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Atrazine	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Azinphos methyl	n/a	=	0.493	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Azinphos methyl	n/a	=	986	%	EPA 525.2	-88	-88	53	303	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Azinphos methyl	n/a	=	0.45	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Azinphos methyl	n/a	=	0.473	µg/L	EPA 525.2	0.0055	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Azinphos methyl	n/a	=	946	%	EPA 525.2	-88	-88	53	303	GB
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Azinphos methyl	n/a	=	901	%	EPA 525.2	-88	-88	53	303	GB
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Azinphos methyl	n/a	=	5	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	Bentazon	n/a	=	2.47	µg/L	EPA 515.3	0.23	2			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	Bentazon	n/a	=	124	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	Bentazon	n/a	=	3.68	µg/L	EPA 515.3	0.23	2			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	Bentazon	n/a	=	3.5	µg/L	EPA 515.3	0.23	2			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	Bentazon	n/a	=	175	%	EPA 515.3	-88	-88	70	130	GB
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	Bentazon	n/a	=	184	%	EPA 515.3	-88	-88	70	130	GB
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	Bentazon	n/a	=	5	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	beta-BHC	n/a	=	0.0875	µg/L	EPA 608	0.0031	0.005			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	beta-BHC	n/a	=	88	%	EPA 608	-88	-88	14	147	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	beta-BHC	n/a	=	0.0912	µg/L	EPA 608	0.0031	0.005			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	beta-BHC	n/a	=	0.0835	µg/L	EPA 608	0.0031	0.005			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	beta-BHC	n/a	=	83	%	EPA 608	-88	-88	17	147	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	beta-BHC	n/a	=	91	%	EPA 608	-88	-88	17	147	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	beta-BHC	n/a	=	9	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Bolstar	n/a	=	0.0768	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Bolstar	n/a	=	154	%	EPA 525.2	-88	-88	70	214	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Bolstar	n/a	=	0.0528	µg/L	EPA 525.2	0.0046	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Bolstar	n/a	=	0.0569	µg/L	EPA 525.2	0.0046	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Bolstar	n/a	=	114	%	EPA 525.2	-88	-88	70	214	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Bolstar	n/a	=	106	%	EPA 525.2	-88	-88	70	214	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Bolstar	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Bromacil	n/a	=	4.79	µg/L	EPA 525.2	0.9	1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Bromacil	n/a	=	96	%	EPA 525.2	-88	-88	43	177	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Bromacil	n/a	=	5.47	µg/L	EPA 525.2	0.9	1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Bromacil	n/a	=	5.36	µg/L	EPA 525.2	0.9	1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Bromacil	n/a	=	107	%	EPA 525.2	-88	-88	71	182	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Bromacil	n/a	=	109	%	EPA 525.2	-88	-88	71	182	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Bromacil	n/a	=	2	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Butachlor	n/a	=	5.42	µg/L	EPA 525.2	0.1	0.2			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Butachlor	n/a	=	108	%	EPA 525.2	-88	-88	55	178	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Butachlor	n/a	=	4.55	µg/L	EPA 525.2	0.1	0.2			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Butachlor	n/a	=	5.5	µg/L	EPA 525.2	0.1	0.2			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Butachlor	n/a	=	110	%	EPA 525.2	-88	-88	67	181	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Butachlor	n/a	=	91	%	EPA 525.2	-88	-88	67	181	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Butachlor	n/a	=	19	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Captan	n/a	=	4.28	µg/L	EPA 525.2	0.86	1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Captan	n/a	=	86	%	EPA 525.2	-88	-88	20	215	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Captan	n/a	=	5.66	µg/L	EPA 525.2	0.86	1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Captan	n/a	=	5.23	µg/L	EPA 525.2	0.86	1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Captan	n/a	=	105	%	EPA 525.2	-88	-88	45	182	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Captan	n/a	=	113	%	EPA 525.2	-88	-88	45	182	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Captan	n/a	=	8	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1			X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Chloropropham	n/a	=	5.34	µg/L	EPA 525.2	0.01	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Chloropropham	n/a	=	107	%	EPA 525.2	-88	-88	74	133	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Chloropropham	n/a	=	5.52	µg/L	EPA 525.2	0.01	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Chloropropham	n/a	=	5.55	µg/L	EPA 525.2	0.01	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Chloropropham	n/a	=	111	%	EPA 525.2	-88	-88	76	137	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Chloropropham	n/a	=	110	%	EPA 525.2	-88	-88	76	137	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Chloropropham	n/a	=	0.5	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Chlorpyrifos	n/a	=	0.0956	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Chlorpyrifos	n/a	=	191	%	EPA 525.2	-88	-88	70	131	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Chlorpyrifos	n/a	=	0.0616	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Chlorpyrifos	n/a	=	0.0643	µg/L	EPA 525.2	0.0069	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Chlorpyrifos	n/a	=	129	%	EPA 525.2	-88	-88	70	131	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Chlorpyrifos	n/a	=	123	%	EPA 525.2	-88	-88	70	131	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Chlorpyrifos	n/a	=	4	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Coumaphos	n/a	=	0.229	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Coumaphos	n/a	=	458	%	EPA 525.2	-88	-88	70	271	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Coumaphos	n/a	=	0.181	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Coumaphos	n/a	=	0.183	µg/L	EPA 525.2	0.0051	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Coumaphos	n/a	=	366	%	EPA 525.2	-88	-88	70	271	GB
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Coumaphos	n/a	=	362	%	EPA 525.2	-88	-88	70	271	GB
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Coumaphos	n/a	=	0.9	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Cyanazine	n/a	=	4.96	µg/L	EPA 525.2	0.02	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Cyanazine	n/a	=	99	%	EPA 525.2	-88	-88	69	131	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Cyanazine	n/a	=	4.37	µg/L	EPA 525.2	0.02	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Cyanazine	n/a	=	4.46	µg/L	EPA 525.2	0.02	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Cyanazine	n/a	=	89	%	EPA 525.2	-88	-88	26	145	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Cyanazine	n/a	=	87	%	EPA 525.2	-88	-88	26	145	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Cyanazine	n/a	=	2	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	Dalapon	n/a	=	1.86	µg/L	EPA 515.3	0.04	0.4			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	Dalapon	n/a	=	93	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	Dalapon	n/a	=	1.92	µg/L	EPA 515.3	0.04	0.4			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	Dalapon	n/a	=	1.98	µg/L	EPA 515.3	0.04	0.4			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	Dalapon	n/a	=	99	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	Dalapon	n/a	=	96	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	Dalapon	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	DCPA (Dacthal)	n/a	=	1.42	µg/L	EPA 515.3	0.02	0.1			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	DCPA (Dacthal)	n/a	=	71	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	DCPA (Dacthal)	n/a	=	12.2	µg/L	EPA 515.3	0.02	0.1			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	DCPA (Dacthal)	n/a	=	12.1	µg/L	EPA 515.3	0.02	0.1			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	DCPA (Dacthal)	n/a	=	81	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	DCPA (Dacthal)	n/a	=	85	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	DCPA (Dacthal)	n/a	=	0.6	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	delta-BHC	n/a	=	0.0848	µg/L	EPA 608	0.0025	0.005			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	delta-BHC	n/a	=	85	%	EPA 608	-88	-88	19	140	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	delta-BHC	n/a	=	0.0913	µg/L	EPA 608	0.0025	0.005			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	delta-BHC	n/a	=	0.0837	µg/L	EPA 608	0.0025	0.005			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	delta-BHC	n/a	=	84	%	EPA 608	-88	-88	19	140	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	delta-BHC	n/a	=	91	%	EPA 608	-88	-88	19	140	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	delta-BHC	n/a	=	9	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Demeton-O	n/a	=	0.0681	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Demeton-O	n/a	=	136	%	EPA 525.2	-88	-88	37	295	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Demeton-O	n/a	=	0.0579	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Demeton-O	n/a	=	0.0607	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Demeton-O	n/a	=	121	%	EPA 525.2	-88	-88	37	295	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Demeton-O	n/a	=	116	%	EPA 525.2	-88	-88	37	295	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Demeton-O	n/a	=	5	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Demeton-S	n/a	=	0.0848	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Demeton-S	n/a	=	170	%	EPA 525.2	-88	-88	70	159	EUM

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Demeton-S	n/a	=	0.0731	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Demeton-S	n/a	=	0.077	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Demeton-S	n/a	=	154	%	EPA 525.2	-88	-88	70	159	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Demeton-S	n/a	=	146	%	EPA 525.2	-88	-88	70	159	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Demeton-S	n/a	=	5	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Diazinon	n/a	=	0.0683	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Diazinon	n/a	=	137	%	EPA 525.2	-88	-88	70	163	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Diazinon	n/a	=	0.05	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Diazinon	n/a	=	0.0554	µg/L	EPA 525.2	0.0052	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Diazinon	n/a	=	111	%	EPA 525.2	-88	-88	70	163	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Diazinon	n/a	=	100	%	EPA 525.2	-88	-88	70	163	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Diazinon	n/a	=	10	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	Dicamba	n/a	=	1.79	µg/L	EPA 515.3	0.08	0.6			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	Dicamba	n/a	=	90	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	Dicamba	n/a	=	1.68	µg/L	EPA 515.3	0.08	0.6			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	Dicamba	n/a	=	1.59	µg/L	EPA 515.3	0.08	0.6			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	Dicamba	n/a	=	79	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	Dicamba	n/a	=	84	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	Dicamba	n/a	=	5	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	Dichlorprop	n/a	=	1.85	µg/L	EPA 515.3	0.06	0.3			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	Dichlorprop	n/a	=	92	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	Dichlorprop	n/a	=	2.22	µg/L	EPA 515.3	0.06	0.3			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	Dichlorprop	n/a	=	2.29	µg/L	EPA 515.3	0.06	0.3			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	Dichlorprop	n/a	=	115	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	Dichlorprop	n/a	=	111	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	Dichlorprop	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Dichlorvos	n/a	=	0.0777	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Dichlorvos	n/a	=	155	%	EPA 525.2	-88	-88	70	161	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Dichlorvos	n/a	=	0.0661	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Dichlorvos	n/a	=	0.0674	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Dichlorvos	n/a	=	135	%	EPA 525.2	-88	-88	70	161	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Dichlorvos	n/a	=	132	%	EPA 525.2	-88	-88	70	161	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Dichlorvos	n/a	=	2	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	Dieldrin	n/a	=	0.0989	µg/L	EPA 608	0.0021	0.01			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	Dieldrin	n/a	=	99	%	EPA 608	-88	-88	36	146	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	Dieldrin	n/a	=	0.0974	µg/L	EPA 608	0.0021	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	Dieldrin	n/a	=	0.0899	µg/L	EPA 608	0.0021	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	Dieldrin	n/a	=	90	%	EPA 608	-88	-88	36	146	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	Dieldrin	n/a	=	97	%	EPA 608	-88	-88	36	146	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	Dieldrin	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Dimethoate	n/a	=	0.108	µg/L	EPA 525.2	0.0062	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Dimethoate	n/a	=	216	%	EPA 525.2	-88	-88	70	352	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Dimethoate	n/a	=	0.0953	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Dimethoate	n/a	=	0.109	µg/L	EPA 525.2	0.0062	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Dimethoate	n/a	=	218	%	EPA 525.2	-88	-88	70	352	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Dimethoate	n/a	=	191	%	EPA 525.2	-88	-88	70	352	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Dimethoate	n/a	=	13	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	Dinoseb	n/a	=	1.73	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	Dinoseb	n/a	=	87	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	Dinoseb	n/a	=	1.79	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	Dinoseb	n/a	=	1.81	µg/L	EPA 515.3	0.05	0.4			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	Dinoseb	n/a	=	91	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	Dinoseb	n/a	=	89	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	Dinoseb	n/a	=	1	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Diphenamid	n/a	=	4.98	µg/L	EPA 525.2	0.02	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Diphenamid	n/a	=	100	%	EPA 525.2	-88	-88	82	144	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Diphenamid	n/a	=	5.61	µg/L	EPA 525.2	0.02	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Diphenamid	n/a	=	5.25	µg/L	EPA 525.2	0.02	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Diphenamid	n/a	=	105	%	EPA 525.2	-88	-88	86	130	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Diphenamid	n/a	=	112	%	EPA 525.2	-88	-88	86	130	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Diphenamid	n/a	=	7	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Disulfoton	n/a	=	0.0648	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Disulfoton	n/a	=	130	%	EPA 525.2	-88	-88	56	269	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Disulfoton	n/a	=	0.0434	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Disulfoton	n/a	=	0.0518	µg/L	EPA 525.2	0.01	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Disulfoton	n/a	=	104	%	EPA 525.2	-88	-88	56	269	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Disulfoton	n/a	=	87	%	EPA 525.2	-88	-88	56	269	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Disulfoton	n/a	=	18	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	Endosulfan I	n/a	=	0.0835	µg/L	EPA 608	0.0017	0.02			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	Endosulfan I	n/a	=	83	%	EPA 608	-88	-88	45	153	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	Endosulfan I	n/a	=	0.0847	µg/L	EPA 608	0.0017	0.02			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	Endosulfan I	n/a	=	0.0779	µg/L	EPA 608	0.0017	0.02			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	Endosulfan I	n/a	=	78	%	EPA 608	-88	-88	45	153	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	Endosulfan I	n/a	=	85	%	EPA 608	-88	-88	45	153	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	Endosulfan I	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	Endosulfan II	n/a	=	0.0956	µg/L	EPA 608	0.0019	0.01			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	Endosulfan II	n/a	=	96	%	EPA 608	-88	-88	2	202	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	Endosulfan II	n/a	=	0.091	µg/L	EPA 608	0.0019	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	Endosulfan II	n/a	=	0.0865	µg/L	EPA 608	0.0019	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	Endosulfan II	n/a	=	87	%	EPA 608	-88	-88	2	202	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	Endosulfan II	n/a	=	91	%	EPA 608	-88	-88	2	202	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	Endosulfan II	n/a	=	5	%	EPA 608	-88	-88	0	30	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	LCS	3/30/2010	Pesticide	Endosulfan sulfate	n/a	=	0.0967	µg/L	EPA 608	0.008	0.05			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	Endosulfan sulfate	n/a	=	97	%	EPA 608	-88	-88	26	144	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	Endosulfan sulfate	n/a	=	0.111	µg/L	EPA 608	0.008	0.05			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	Endosulfan sulfate	n/a	=	0.105	µg/L	EPA 608	0.008	0.05			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	Endosulfan sulfate	n/a	=	105	%	EPA 608	-88	-88	26	144	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	Endosulfan sulfate	n/a	=	111	%	EPA 608	-88	-88	26	144	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	Endosulfan sulfate	n/a	=	6	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	Endrin	n/a	=	0.0902	µg/L	EPA 608	0.0028	0.01			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	Endrin	n/a	=	90	%	EPA 608	-88	-88	30	147	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	Endrin	n/a	=	0.104	µg/L	EPA 608	0.0028	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	Endrin	n/a	=	0.0963	µg/L	EPA 608	0.0028	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	Endrin	n/a	=	96	%	EPA 608	-88	-88	30	147	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	Endrin	n/a	=	104	%	EPA 608	-88	-88	30	147	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	Endrin	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	Endrin aldehyde	n/a	=	0.102	µg/L	EPA 608	0.003	0.01			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	Endrin aldehyde	n/a	=	102	%	EPA 608	-88	-88	41	203	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	Endrin aldehyde	n/a	=	0.0971	µg/L	EPA 608	0.003	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	Endrin aldehyde	n/a	=	0.0881	µg/L	EPA 608	0.003	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	Endrin aldehyde	n/a	=	88	%	EPA 608	-88	-88	30	180	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	Endrin aldehyde	n/a	=	97	%	EPA 608	-88	-88	30	180	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	Endrin aldehyde	n/a	=	10	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	EPTC	n/a	=	4.67	µg/L	EPA 525.2	0.23	1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	EPTC	n/a	=	93	%	EPA 525.2	-88	-88	75	110	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	EPTC	n/a	=	4.84	µg/L	EPA 525.2	0.23	1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	EPTC	n/a	=	4.67	µg/L	EPA 525.2	0.23	1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	EPTC	n/a	=	93	%	EPA 525.2	-88	-88	67	119	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	EPTC	n/a	=	97	%	EPA 525.2	-88	-88	67	119	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	EPTC	n/a	=	4	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Ethoprop	n/a	=	0.0718	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Ethoprop	n/a	=	144	%	EPA 525.2	-88	-88	70	155	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Ethoprop	n/a	=	0.0585	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Ethoprop	n/a	=	0.0627	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Ethoprop	n/a	=	125	%	EPA 525.2	-88	-88	70	155	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Ethoprop	n/a	=	117	%	EPA 525.2	-88	-88	70	155	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Ethoprop	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Ethyl parathion	n/a	=	0.0663	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Ethyl parathion	n/a	=	133	%	EPA 525.2	-88	-88	70	242	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Ethyl parathion	n/a	=	0.0493	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Ethyl parathion	n/a	=	0.0561	µg/L	EPA 525.2	0.0054	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Ethyl parathion	n/a	=	112	%	EPA 525.2	-88	-88	70	242	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Ethyl parathion	n/a	=	99	%	EPA 525.2	-88	-88	70	242	X

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Ethyl parathion	n/a	=	13	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Fensulfothion	n/a	=	0.0606	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Fensulfothion	n/a	=	121	%	EPA 525.2	-88	-88	70	169	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Fensulfothion	n/a	=	0.0722	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Fensulfothion	n/a	=	0.06	µg/L	EPA 525.2	0.0029	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Fensulfothion	n/a	=	120	%	EPA 525.2	-88	-88	70	169	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Fensulfothion	n/a	=	144	%	EPA 525.2	-88	-88	70	169	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Fensulfothion	n/a	=	18	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Fenthion	n/a	=	0.101	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Fenthion	n/a	=	202	%	EPA 525.2	-88	-88	70	163	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Fenthion	n/a	=	0.0725	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Fenthion	n/a	=	0.0802	µg/L	EPA 525.2	0.0038	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Fenthion	n/a	=	160	%	EPA 525.2	-88	-88	70	163	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Fenthion	n/a	=	145	%	EPA 525.2	-88	-88	70	163	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Fenthion	n/a	=	10	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0863	µg/L	EPA 608	0.0021	0.02			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	86	%	EPA 608	-88	-88	32	127	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0829	µg/L	EPA 608	0.0021	0.02			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	0.0774	µg/L	EPA 608	0.0021	0.02			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	77	%	EPA 608	-88	-88	32	127	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	83	%	EPA 608	-88	-88	32	127	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	gamma-BHC (Lindane)	n/a	=	7	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	gamma-Chlordane	n/a	=	0.0929	µg/L	EPA 608	0.0044	0.01			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	gamma-Chlordane	n/a	=	93	%	EPA 608	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	gamma-Chlordane	n/a	=	0.0897	µg/L	EPA 608	0.0044	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	gamma-Chlordane	n/a	=	0.0829	µg/L	EPA 608	0.0044	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	gamma-Chlordane	n/a	=	83	%	EPA 608	-88	-88	60	130	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	gamma-Chlordane	n/a	=	90	%	EPA 608	-88	-88	60	130	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	gamma-Chlordane	n/a	=	8	%	EPA 608	-88	-88	0	30	X
2009/10-4	000NONPJ	matrix spike	3/22/2010	Pesticide	Glyphosate	n/a	=	23.8	µg/L	EPA 547	1.8	5			X
2009/10-4	000NONPJ	matrix spike	3/22/2010	Pesticide	Glyphosate	n/a	=	22	µg/L	EPA 547	1.8	5			X
2009/10-4	000NONPJ	matrix spike dup	3/22/2010	Pesticide	Glyphosate	n/a	=	23.4	µg/L	EPA 547	1.8	5			X
2009/10-4	000NONPJ	matrix spike dup	3/22/2010	Pesticide	Glyphosate	n/a	=	19.5	µg/L	EPA 547	1.8	5			X
2009/10-4	000NONPJ	matrix spike dup, rec	3/22/2010	Pesticide	Glyphosate	n/a	=	78	%	EPA 547	-88	-88	68	134	X
2009/10-4	000NONPJ	matrix spike dup, rec	3/22/2010	Pesticide	Glyphosate	n/a	=	94	%	EPA 547	-88	-88	68	134	X
2009/10-4	000NONPJ	matrix spike, rec	3/22/2010	Pesticide	Glyphosate	n/a	=	88	%	EPA 547	-88	-88	68	134	X
2009/10-4	000NONPJ	matrix spike, rec	3/22/2010	Pesticide	Glyphosate	n/a	=	95	%	EPA 547	-88	-88	68	134	X
2009/10-4	000NONPJ	matrix spike, RPD	3/22/2010	Pesticide	Glyphosate	n/a	=	6	%	EPA 547	-88	-88	0	30	X
2009/10-4	000NONPJ	matrix spike, RPD	3/22/2010	Pesticide	Glyphosate	n/a	=	20	%	EPA 547	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/22/2010	Pesticide	Glyphosate	n/a	=	20.7	µg/L	EPA 547	1.8	5			X
2009/10-4	Lab	LCS, rec	3/22/2010	Pesticide	Glyphosate	n/a	=	83	%	EPA 547	-88	-88	71	137	X
2009/10-4	Lab	method blank	3/22/2010	Pesticide	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5			X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	Heptachlor	n/a	=	0.0827	µg/L	EPA 608	0.0017	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	Heptachlor	n/a	=	83	%	EPA 608	-88	-88	34	111	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	Heptachlor	n/a	=	0.0841	µg/L	EPA 608	0.0017	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	Heptachlor	n/a	=	0.0801	µg/L	EPA 608	0.0017	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	Heptachlor	n/a	=	80	%	EPA 608	-88	-88	34	111	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	Heptachlor	n/a	=	84	%	EPA 608	-88	-88	34	111	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	Heptachlor	n/a	=	5	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/30/2010	Pesticide	Heptachlor epoxide	n/a	=	0.0935	µg/L	EPA 608	0.0019	0.01			X
2009/10-4	Lab	LCS, rec	3/30/2010	Pesticide	Heptachlor epoxide	n/a	=	93	%	EPA 608	-88	-88	37	142	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01			X
2009/10-4	ME-SCR	matrix spike	3/30/2010	Pesticide	Heptachlor epoxide	n/a	=	0.0899	µg/L	EPA 608	0.0019	0.01			X
2009/10-4	ME-SCR	matrix spike dup	3/30/2010	Pesticide	Heptachlor epoxide	n/a	=	0.0842	µg/L	EPA 608	0.0019	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/30/2010	Pesticide	Heptachlor epoxide	n/a	=	84	%	EPA 608	-88	-88	37	142	X
2009/10-4	ME-SCR	matrix spike, rec	3/30/2010	Pesticide	Heptachlor epoxide	n/a	=	90	%	EPA 608	-88	-88	37	142	X
2009/10-4	ME-SCR	matrix spike, RPD	3/30/2010	Pesticide	Heptachlor epoxide	n/a	=	7	%	EPA 608	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Malathion	n/a	=	0.145	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Malathion	n/a	=	291	%	EPA 525.2	-88	-88	70	208	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Malathion	n/a	=	0.113	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Malathion	n/a	=	0.121	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Malathion	n/a	=	242	%	EPA 525.2	-88	-88	70	208	GB
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Malathion	n/a	=	226	%	EPA 525.2	-88	-88	70	208	GB
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Malathion	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Merphos	n/a	=	0.176	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Merphos	n/a	=	353	%	EPA 525.2	-88	-88	70	161	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Merphos	n/a	=	0.131	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Merphos	n/a	=	0.141	µg/L	EPA 525.2	0.0058	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Merphos	n/a	=	282	%	EPA 525.2	-88	-88	70	161	GB
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Merphos	n/a	=	262	%	EPA 525.2	-88	-88	70	161	GB
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Merphos	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02			X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Methyl parathion	n/a	=	0.0741	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Methyl parathion	n/a	=	148	%	EPA 525.2	-88	-88	70	229	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Methyl parathion	n/a	=	0.0631	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Methyl parathion	n/a	=	0.0701	µg/L	EPA 525.2	0.0063	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Methyl parathion	n/a	=	140	%	EPA 525.2	-88	-88	70	229	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Methyl parathion	n/a	=	126	%	EPA 525.2	-88	-88	70	229	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Methyl parathion	n/a	=	11	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Metolachlor	n/a	=	4.99	µg/L	EPA 525.2	0.056	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Metolachlor	n/a	=	100	%	EPA 525.2	-88	-88	55	170	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Metolachlor	n/a	=	5	µg/L	EPA 525.2	0.056	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Metolachlor	n/a	=	5.16	µg/L	EPA 525.2	0.056	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Metolachlor	n/a	=	103	%	EPA 525.2	-88	-88	53	178	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Metolachlor	n/a	=	100	%	EPA 525.2	-88	-88	53	178	X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Metolachlor	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Metribuzin	n/a	=	4.79	µg/L	EPA 525.2	0.074	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Metribuzin	n/a	=	96	%	EPA 525.2	-88	-88	44	149	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Metribuzin	n/a	=	5.08	µg/L	EPA 525.2	0.074	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Metribuzin	n/a	=	5.08	µg/L	EPA 525.2	0.074	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Metribuzin	n/a	=	102	%	EPA 525.2	-88	-88	64	155	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Metribuzin	n/a	=	102	%	EPA 525.2	-88	-88	64	155	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Metribuzin	n/a	=	0	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Mevinphos	n/a	=	0.0597	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Mevinphos	n/a	=	119	%	EPA 525.2	-88	-88	70	148	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Mevinphos	n/a	=	0.0601	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Mevinphos	n/a	=	0.0662	µg/L	EPA 525.2	0.0042	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Mevinphos	n/a	=	132	%	EPA 525.2	-88	-88	70	148	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Mevinphos	n/a	=	120	%	EPA 525.2	-88	-88	70	148	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Mevinphos	n/a	=	10	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01			X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Molinate	n/a	=	4.81	µg/L	EPA 525.2	0.051	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Molinate	n/a	=	96	%	EPA 525.2	-88	-88	76	116	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Molinate	n/a	=	4.97	µg/L	EPA 525.2	0.051	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Molinate	n/a	=	4.95	µg/L	EPA 525.2	0.051	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Molinate	n/a	=	99	%	EPA 525.2	-88	-88	68	125	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Molinate	n/a	=	99	%	EPA 525.2	-88	-88	68	125	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Molinate	n/a	=	0.4	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Naled	n/a	=	0.223	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Naled	n/a	=	445	%	EPA 525.2	-88	-88	70	299	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Naled	n/a	=	0.361	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Naled	n/a	=	0.394	µg/L	EPA 525.2	0.0076	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Naled	n/a	=	788	%	EPA 525.2	-88	-88	70	299	GB
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Naled	n/a	=	722	%	EPA 525.2	-88	-88	70	299	GB
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Naled	n/a	=	9	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	Pentachlorophenol	n/a	=	2.18	µg/L	EPA 515.3	0.02	0.2			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	Pentachlorophenol	n/a	=	109	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	Pentachlorophenol	n/a	=	2.26	µg/L	EPA 515.3	0.02	0.2			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	Pentachlorophenol	n/a	=	2.19	µg/L	EPA 515.3	0.02	0.2			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	Pentachlorophenol	n/a	=	109	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	Pentachlorophenol	n/a	=	113	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	Pentachlorophenol	n/a	=	3	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Phorate	n/a	=	0.0526	µg/L	EPA 525.2	0.003	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Phorate	n/a	=	105	%	EPA 525.2	-88	-88	70	243	X
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Phorate	n/a	=	0.0419	µg/L	EPA 525.2	0.003	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Phorate	n/a	=	0.045	µg/L	EPA 525.2	0.003	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Phorate	n/a	=	90	%	EPA 525.2	-88	-88	70	243	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Phorate	n/a	=	84	%	EPA 525.2	-88	-88	70	243	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Phorate	n/a	=	7	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/26/2010	Pesticide	Picloram	n/a	=	1.73	µg/L	EPA 515.3	0.34	0.6			X
2009/10-4	Lab	LCS, rec	3/26/2010	Pesticide	Picloram	n/a	=	86	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	Lab	method blank	3/26/2010	Pesticide	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6			X
2009/10-4	ME-CC	matrix spike	3/26/2010	Pesticide	Picloram	n/a	=	1.75	µg/L	EPA 515.3	0.34	0.6			X
2009/10-4	ME-CC	matrix spike dup	3/26/2010	Pesticide	Picloram	n/a	=	1.82	µg/L	EPA 515.3	0.34	0.6			X
2009/10-4	ME-CC	matrix spike dup, rec	3/26/2010	Pesticide	Picloram	n/a	=	91	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, rec	3/26/2010	Pesticide	Picloram	n/a	=	87	%	EPA 515.3	-88	-88	70	130	X
2009/10-4	ME-CC	matrix spike, RPD	3/26/2010	Pesticide	Picloram	n/a	=	4	%	EPA 515.3	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Prometon	n/a	=	3.44	µg/L	EPA 525.2	0.16	0.2			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Prometon	n/a	=	69	%	EPA 525.2	-88	-88	6	110	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Prometon	n/a	=	2.98	µg/L	EPA 525.2	0.16	0.2			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Prometon	n/a	=	3.19	µg/L	EPA 525.2	0.16	0.2			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Prometon	n/a	=	64	%	EPA 525.2	-88	-88	5	148	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Prometon	n/a	=	60	%	EPA 525.2	-88	-88	5	148	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Prometon	n/a	=	7	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Prometryn	n/a	=	4.53	µg/L	EPA 525.2	0.074	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Prometryn	n/a	=	91	%	EPA 525.2	-88	-88	34	152	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Prometryn	n/a	=	4.34	µg/L	EPA 525.2	0.074	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Prometryn	n/a	=	4.48	µg/L	EPA 525.2	0.074	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Prometryn	n/a	=	90	%	EPA 525.2	-88	-88	44	169	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Prometryn	n/a	=	87	%	EPA 525.2	-88	-88	44	169	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Prometryn	n/a	=	3	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0902	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	180	%	EPA 525.2	-88	-88	70	145	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0562	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.0645	µg/L	EPA 525.2	0.0041	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	129	%	EPA 525.2	-88	-88	70	145	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	112	%	EPA 525.2	-88	-88	70	145	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Ronnel (Fenchlorphos)	n/a	=	14	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Simazine	n/a	=	4.06	µg/L	EPA 525.2	0.083	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Simazine	n/a	=	81	%	EPA 525.2	-88	-88	54	156	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Simazine	n/a	=	4.35	µg/L	EPA 525.2	0.083	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Simazine	n/a	=	4.78	µg/L	EPA 525.2	0.083	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Simazine	n/a	=	96	%	EPA 525.2	-88	-88	53	152	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Simazine	n/a	=	87	%	EPA 525.2	-88	-88	53	152	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Simazine	n/a	=	9	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.328	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	657	%	EPA 525.2	-88	-88	70	278	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.323	µg/L	EPA 525.2	0.0031	0.01			X

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.36	µg/L	EPA 525.2	0.0031	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	720	%	EPA 525.2	-88	-88	70	278	GB
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	646	%	EPA 525.2	-88	-88	70	278	GB
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	11	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Terbacil	n/a	=	5.03	µg/L	EPA 525.2	0.55	2			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Terbacil	n/a	=	101	%	EPA 525.2	-88	-88	66	140	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Terbacil	n/a	=	5.98	µg/L	EPA 525.2	0.55	2			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Terbacil	n/a	=	5.64	µg/L	EPA 525.2	0.55	2			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Terbacil	n/a	=	113	%	EPA 525.2	-88	-88	56	159	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Terbacil	n/a	=	120	%	EPA 525.2	-88	-88	56	159	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Terbacil	n/a	=	6	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Thiobencarb	n/a	=	4.49	µg/L	EPA 525.2	0.11	0.2			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Thiobencarb	n/a	=	90	%	EPA 525.2	-88	-88	57	162	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Thiobencarb	n/a	=	3.87	µg/L	EPA 525.2	0.11	0.2			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Thiobencarb	n/a	=	4.58	µg/L	EPA 525.2	0.11	0.2			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Thiobencarb	n/a	=	92	%	EPA 525.2	-88	-88	71	160	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Thiobencarb	n/a	=	77	%	EPA 525.2	-88	-88	71	160	X
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Thiobencarb	n/a	=	17	%	EPA 525.2	-88	-88	0	30	X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Tokuthion	n/a	=	0.0854	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Tokuthion	n/a	=	171	%	EPA 525.2	-88	-88	70	122	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Tokuthion	n/a	=	0.0555	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Tokuthion	n/a	=	0.0561	µg/L	EPA 525.2	0.0078	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Tokuthion	n/a	=	112	%	EPA 525.2	-88	-88	70	122	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Tokuthion	n/a	=	111	%	EPA 525.2	-88	-88	70	122	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Tokuthion	n/a	=	1	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	method blank	3/30/2010	Pesticide	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5			X
2009/10-4	Lab	LCS	4/12/2010	Pesticide	Trichloronate	n/a	=	0.0841	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-4	Lab	LCS, rec	4/12/2010	Pesticide	Trichloronate	n/a	=	168	%	EPA 525.2	-88	-88	70	122	EUM
2009/10-4	Lab	method blank	4/12/2010	Pesticide	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-4	ME-SCR	matrix spike	4/12/2010	Pesticide	Trichloronate	n/a	=	0.05	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-4	ME-SCR	matrix spike dup	4/12/2010	Pesticide	Trichloronate	n/a	=	0.0523	µg/L	EPA 525.2	0.0067	0.01			X
2009/10-4	ME-SCR	matrix spike dup, rec	4/12/2010	Pesticide	Trichloronate	n/a	=	105	%	EPA 525.2	-88	-88	70	122	X
2009/10-4	ME-SCR	matrix spike, rec	4/12/2010	Pesticide	Trichloronate	n/a	=	100	%	EPA 525.2	-88	-88	70	122	X
2009/10-4	ME-SCR	matrix spike, RPD	4/12/2010	Pesticide	Trichloronate	n/a	=	4	%	EPA 525.2	-88	-88	0	25	X
2009/10-4	Lab	LCS	3/25/2010	Pesticide	Trithion	n/a	=	5.21	µg/L	EPA 525.2	0.01	0.1			X
2009/10-4	Lab	LCS, rec	3/25/2010	Pesticide	Trithion	n/a	=	104	%	EPA 525.2	-88	-88	62	149	X
2009/10-4	Lab	method blank	3/25/2010	Pesticide	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1			X
2009/10-4	ME-SCR	matrix spike	3/25/2010	Pesticide	Trithion	n/a	=	4.07	µg/L	EPA 525.2	0.01	0.1			X
2009/10-4	ME-SCR	matrix spike dup	3/25/2010	Pesticide	Trithion	n/a	=	5.18	µg/L	EPA 525.2	0.01	0.1			X
2009/10-4	ME-SCR	matrix spike dup, rec	3/25/2010	Pesticide	Trithion	n/a	=	104	%	EPA 525.2	-88	-88	86	144	X
2009/10-4	ME-SCR	matrix spike, rec	3/25/2010	Pesticide	Trithion	n/a	=	81	%	EPA 525.2	-88	-88	86	144	GB
2009/10-4	ME-SCR	matrix spike, RPD	3/25/2010	Pesticide	Trithion	n/a	=	24	%	EPA 525.2	-88	-88	0	30	X
2009/10-PRE	Lab	method blank	7/30/2009	Conventional	Hardness as CaCO3	Total	<	1	mg/L	SM 2340 B	1	5	70	130	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Conventional	Hardness as CaCO3	Total	<	1	mg/L	SM 2340 B	1	5	70	130	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Conventional	Hardness as CaCO3	Total	<	1	mg/L	SM 2340 B	1	5	70	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Aluminum	Total	<	5	µg/L	EPA 200.8m	5	10	22	182	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Aluminum	Total	<	5	µg/L	EPA 200.8m	5	10	22	182	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Aluminum	Total	<	5	µg/L	EPA 200.8m	5	10	22	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Aluminum	Total	=	101.6	µg/L	EPA 200.8m	5	10	22	182	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Aluminum	Total	=	102.7	µg/L	EPA 200.8m	5	10	22	182	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Aluminum	Total	=	103	%	EPA 200.8m	-88	-88	22	182	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Aluminum	Total	=	102	%	EPA 200.8m	-88	-88	22	182	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Aluminum	Total	=	1	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Arsenic	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.5	74	151	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Arsenic	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.5	74	151	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Arsenic	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.5	74	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Arsenic	Total	=	95.4	µg/L	EPA 200.8m	0.2	0.5	74	151	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Arsenic	Total	=	96.6	µg/L	EPA 200.8m	0.2	0.5	74	151	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Arsenic	Total	=	97	%	EPA 200.8m	-88	-88	74	151	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Arsenic	Total	=	95	%	EPA 200.8m	-88	-88	74	151	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Arsenic	Total	=	2	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Cadmium	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.4	74	131	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Cadmium	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.4	74	131	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Cadmium	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.4	74	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Cadmium	Total	=	10.5	µg/L	EPA 200.8m	0.2	0.4	74	131	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Cadmium	Total	=	10.6	µg/L	EPA 200.8m	0.2	0.4	74	131	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Cadmium	Total	=	106	%	EPA 200.8m	-88	-88	74	131	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Cadmium	Total	=	105	%	EPA 200.8m	-88	-88	74	131	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Cadmium	Total	=	1	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Chromium	Total	<	0.1	µg/L	EPA 200.8m	0.1	0.5	79	127	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Chromium	Total	<	0.1	µg/L	EPA 200.8m	0.1	0.5	79	127	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Chromium	Total	<	0.1	µg/L	EPA 200.8m	0.1	0.5	79	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Chromium	Total	=	102.1	µg/L	EPA 200.8m	0.1	0.5	79	127	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Chromium	Total	=	103.2	µg/L	EPA 200.8m	0.1	0.5	79	127	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Chromium	Total	=	103	%	EPA 200.8m	-88	-88	79	127	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Chromium	Total	=	102	%	EPA 200.8m	-88	-88	79	127	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Chromium	Total	=	1	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	LCS	7/23/2009	Metal	Chromium VI	n/a	=	0.097	mg/L	SM 3500-Cr D	0.005	0.01	70	130	x
2009/10-PRE	Lab	LCS dup	7/23/2009	Metal	Chromium VI	n/a	=	0.098	mg/L	SM 3500-Cr D	0.005	0.01	70	130	x
2009/10-PRE	Lab	LCS dup, rec	7/23/2009	Metal	Chromium VI	n/a	=	98	%	SM 3500-Cr D	-88	-88	70	130	x
2009/10-PRE	Lab	LCS, rec	7/23/2009	Metal	Chromium VI	n/a	=	97	%	SM 3500-Cr D	-88	-88	70	130	x
2009/10-PRE	Lab	LCS, RPD	7/23/2009	Metal	Chromium VI	n/a	=	1	%	SM 3500-Cr D	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/23/2009	Metal	Chromium VI	n/a	<	5	µg/L	SM 3500-Cr D	5	10	70	130	x
2009/10-PRE	Tubing Blank	equip blank	7/23/2009	Metal	Chromium VI	n/a	<	5	µg/L	SM 3500-Cr D	5	10	70	130	x
2009/10-PRE	Tubing Blank	lab duplicate	7/23/2009	Metal	Chromium VI	n/a	<	5	µg/L	SM 3500-Cr D	5	10	70	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/23/2009	Metal	Chromium VI	n/a	=	0.1	mg/L	SM 3500-Cr D	0.005	0.01	70	130	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/23/2009	Metal	Chromium VI	n/a	=	0.101	mg/L	SM 3500-Cr D	0.005	0.01	70	130	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/23/2009	Metal	Chromium VI	n/a	=	101	%	SM 3500-Cr D	-88	-88	70	130	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/23/2009	Metal	Chromium VI	n/a	=	100	%	SM 3500-Cr D	-88	-88	70	130	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/23/2009	Metal	Chromium VI	n/a	=	1	%	SM 3500-Cr D	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Copper	Total	<	0.4	µg/L	EPA 200.8m	0.4	0.8	55	132	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Copper	Total	<	0.4	µg/L	EPA 200.8m	0.4	0.8	55	132	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Copper	Total	<	0.4	µg/L	EPA 200.8m	0.4	0.8	55	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Copper	Total	=	102.5	µg/L	EPA 200.8m	0.4	0.8	55	132	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Copper	Total	=	103	µg/L	EPA 200.8m	0.4	0.8	55	132	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Copper	Total	=	103	%	EPA 200.8m	-88	-88	55	132	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Copper	Total	=	102	%	EPA 200.8m	-88	-88	55	132	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Copper	Total	=	1	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Lead	Total	<	0.05	µg/L	EPA 200.8m	0.05	0.1	76	120	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Lead	Total	=	0.13	µg/L	EPA 200.8m	0.05	0.1	76	120	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Lead	Total	=	0.13	µg/L	EPA 200.8m	0.05	0.1	76	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Lead	Total	=	115.5	µg/L	EPA 200.8m	0.05	0.1	76	120	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Lead	Total	=	118.4	µg/L	EPA 200.8m	0.05	0.1	76	120	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Lead	Total	=	118	%	EPA 200.8m	-88	-88	76	120	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Lead	Total	=	115	%	EPA 200.8m	-88	-88	76	120	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Lead	Total	=	3	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/10/2009	Metal	Mercury	Total	<	0.5	ng/L	EPA 1631Em	0.5	1	64	158	x
2009/10-PRE	Tubing Blank	equip blank	8/10/2009	Metal	Mercury	Total	=	1.7	ng/L	EPA 1631Em	0.5	1	64	158	x
2009/10-PRE	Tubing Blank	lab duplicate	8/10/2009	Metal	Mercury	Total	=	1.4	ng/L	EPA 1631Em	0.5	1	64	30	x
2009/10-PRE	Tubing Blank	matrix spike	8/10/2009	Metal	Mercury	Total	=	13.2	ng/L	EPA 1631Em	0.5	1	64	158	x
2009/10-PRE	Tubing Blank	matrix spike dup	8/10/2009	Metal	Mercury	Total	=	13.5	ng/L	EPA 1631Em	0.5	1	64	158	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	8/10/2009	Metal	Mercury	Total	=	119	%	EPA 1631Em	-88	-88	64	158	x
2009/10-PRE	Tubing Blank	matrix spike, rec	8/10/2009	Metal	Mercury	Total	=	116	%	EPA 1631Em	-88	-88	64	158	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	8/10/2009	Metal	Mercury	Total	=	3	%	EPA 1631Em	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Nickel	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.5	77	108	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Nickel	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.5	77	108	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Nickel	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.5	77	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Nickel	Total	=	103.1	µg/L	EPA 200.8m	0.2	0.5	77	108	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Nickel	Total	=	103.8	µg/L	EPA 200.8m	0.2	0.5	77	108	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Nickel	Total	=	104	%	EPA 200.8m	-88	-88	77	108	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Nickel	Total	=	103	%	EPA 200.8m	-88	-88	77	108	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Nickel	Total	=	1	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Selenium	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.5	74	125	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Selenium	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.5	74	125	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Selenium	Total	<	0.2	µg/L	EPA 200.8m	0.2	0.5	74	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Selenium	Total	=	105.1	µg/L	EPA 200.8m	0.2	0.5	74	125	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Selenium	Total	=	103.5	µg/L	EPA 200.8m	0.2	0.5	74	125	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Selenium	Total	=	103	%	EPA 200.8m	-88	-88	74	125	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Selenium	Total	=	105	%	EPA 200.8m	-88	-88	74	125	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Selenium	Total	=	1	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Silver	Total	<	0.5	µg/L	EPA 200.8m	0.5	1	73	127	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Silver	Total	<	0.5	µg/L	EPA 200.8m	0.5	1	73	127	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Silver	Total	<	0.5	µg/L	EPA 200.8m	0.5	1	73	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Silver	Total	=	9.9	µg/L	EPA 200.8m	0.5	1	73	127	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Silver	Total	=	9.4	µg/L	EPA 200.8m	0.5	1	73	127	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Silver	Total	=	94	%	EPA 200.8m	-88	-88	73	127	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Silver	Total	=	99	%	EPA 200.8m	-88	-88	73	127	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Silver	Total	=	5	%	EPA 200.8m	-88	-88	0	30	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Thallium	Total	<	0.1	µg/L	EPA 200.8m	0.1	0.5	83	120	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Thallium	Total	<	0.1	µg/L	EPA 200.8m	0.1	0.5	83	120	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Thallium	Total	<	0.1	µg/L	EPA 200.8m	0.1	0.5	83	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Thallium	Total	=	99.6	µg/L	EPA 200.8m	0.1	0.5	83	120	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Thallium	Total	=	102.4	µg/L	EPA 200.8m	0.1	0.5	83	120	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Thallium	Total	=	102	%	EPA 200.8m	-88	-88	83	120	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Thallium	Total	=	100	%	EPA 200.8m	-88	-88	83	120	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Thallium	Total	=	2	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	7/30/2009	Metal	Zinc	Total	<	0.1	µg/L	EPA 200.8m	0.1	0.5	67	141	x
2009/10-PRE	Tubing Blank	equip blank	7/30/2009	Metal	Zinc	Total	=	8.6	µg/L	EPA 200.8m	0.1	0.5	67	141	x
2009/10-PRE	Tubing Blank	lab duplicate	7/30/2009	Metal	Zinc	Total	=	1	µg/L	EPA 200.8m	0.1	0.5	67	30	x
2009/10-PRE	Tubing Blank	matrix spike	7/30/2009	Metal	Zinc	Total	=	125.5	µg/L	EPA 200.8m	0.1	0.5	67	141	x
2009/10-PRE	Tubing Blank	matrix spike dup	7/30/2009	Metal	Zinc	Total	=	127.3	µg/L	EPA 200.8m	0.1	0.5	67	141	x
2009/10-PRE	Tubing Blank	matrix spike dup, rec	7/30/2009	Metal	Zinc	Total	=	123	%	EPA 200.8m	-88	-88	67	141	x
2009/10-PRE	Tubing Blank	matrix spike, rec	7/30/2009	Metal	Zinc	Total	=	121	%	EPA 200.8m	-88	-88	67	141	x
2009/10-PRE	Tubing Blank	matrix spike, RPD	7/30/2009	Metal	Zinc	Total	=	1	%	EPA 200.8m	-88	-88	0	30	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	0.3492	µg/L	EPA 625m	0.01	0.05	13	140	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	0.3498	µg/L	EPA 625m	0.01	0.05	13	140	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	75	%	EPA 625m	-88	-88	13	140	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	75	%	EPA 625m	-88	-88	13	140	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	1,2,4-Trichlorobenzene	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625m	0.01	0.05	13	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	1,2,4-Trichlorobenzene	n/a	<	0.01	µg/L	EPA 625m	0.01	0.05	13	140	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625m	0.01	0.05	30	130	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	1,2-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625m	0.01	0.05	30	130	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	1,3-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625m	0.01	0.05	0	170	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	1,3-Dichlorobenzene	n/a	DNQ	0.01	µg/L	EPA 625m	0.01	0.05	0	170	
2009/10-PRE	Lab	LCS	8/1/2009	Organic	1,4-Dichlorobenzene	n/a	=	0.3083	µg/L	EPA 625m	0.01	0.05	4	132	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	1,4-Dichlorobenzene	n/a	=	0.3125	µg/L	EPA 625m	0.01	0.05	4	132	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	1,4-Dichlorobenzene	n/a	=	67	%	EPA 625m	-88	-88	4	132	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	1,4-Dichlorobenzene	n/a	=	66	%	EPA 625m	-88	-88	4	132	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	1,4-Dichlorobenzene	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	1,4-Dichlorobenzene	n/a	<	0.01	µg/L	EPA 625m	0.01	0.05	4	132	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	1,4-Dichlorobenzene	n/a	DNQ	0.012	µg/L	EPA 625m	0.01	0.05	4	132	
2009/10-PRE	Lab	LCS	8/1/2009	Organic	1-Methylnaphthalene	n/a	=	0.1876	µg/L	EPA 625m	0.001	0.005	55	115	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	1-Methylnaphthalene	n/a	=	0.2188	µg/L	EPA 625m	0.001	0.005	55	115	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	1-Methylnaphthalene	n/a	=	94	%	EPA 625m	-88	-88	55	115	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	1-Methylnaphthalene	n/a	=	81	%	EPA 625m	-88	-88	55	115	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	1-Methylnaphthalene	n/a	=	15	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	1-Methylnaphthalene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	55	115	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	1-Methylnaphthalene	n/a	DNQ	0.0011	µg/L	EPA 625m	0.001	0.005	55	115	
2009/10-PRE	Lab	LCS	8/1/2009	Organic	1-Methylphenanthrene	n/a	=	0.2275	µg/L	EPA 625m	0.001	0.005	65	133	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	1-Methylphenanthrene	n/a	=	0.2445	µg/L	EPA 625m	0.001	0.005	65	133	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	1-Methylphenanthrene	n/a	=	105	%	EPA 625m	-88	-88	65	133	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	1-Methylphenanthrene	n/a	=	98	%	EPA 625m	-88	-88	65	133	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	1-Methylphenanthrene	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	1-Methylphenanthrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	133	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	1-Methylphenanthrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	133	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	2,3,5-Trimethylnaphthalene	n/a	=	0.2078	µg/L	EPA 625m	0.001	0.005	60	121	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	2,3,5-Trimethylnaphthalene	n/a	=	0.2108	µg/L	EPA 625m	0.001	0.005	60	121	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	2,3,5-Trimethylnaphthalene	n/a	=	91	%	EPA 625m	-88	-88	60	121	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	2,3,5-Trimethylnaphthalene	n/a	=	89	%	EPA 625m	-88	-88	60	121	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	2,3,5-Trimethylnaphthalene	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2,3,5-Trimethylnaphthalene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	121	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2,3,5-Trimethylnaphthalene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	121	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	Organic	2,4,6-Tribromophenol	n/a	=	0.096	µg/L	EPA 625m	-88	-88	54	126	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	Organic	2,4,6-Tribromophenol	n/a	=	0.097	µg/L	EPA 625m	-88	-88	54	126	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	Organic	2,4,6-Tribromophenol	n/a	=	97	%	EPA 625m	-88	-88	54	126	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	Organic	2,4,6-Tribromophenol	n/a	=	96	%	EPA 625m	-88	-88	54	126	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	Organic	2,4,6-Tribromophenol	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	Organic	2,4,6-Tribromophenol	n/a	=	0.077	µg/L	EPA 625m	-88	-88	54	126	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	Organic	2,4,6-Tribromophenol	n/a	=	77	%	EPA 625m	-88	-88	54	126	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	Organic	2,4,6-Tribromophenol	n/a	=	0.085	µg/L	EPA 625m	-88	-88	54	126	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	Organic	2,4,6-Tribromophenol	n/a	=	85	%	EPA 625m	-88	-88	54	126	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	30	150	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2,4,6-Trichlorophenol	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	30	150	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	40	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2,4-Dichlorophenol	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	40	140	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	30	120	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2,4-Dimethylphenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	30	120	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	0	190	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2,4-Dinitrophenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	0	190	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	2,4-Dinitrotoluene	n/a	=	0.4185	µg/L	EPA 625m	0.05	0.1	59	142	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	2,4-Dinitrotoluene	n/a	=	0.4154	µg/L	EPA 625m	0.05	0.1	59	142	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	2,4-Dinitrotoluene	n/a	=	89	%	EPA 625m	-88	-88	59	142	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	2,4-Dinitrotoluene	n/a	=	90	%	EPA 625m	-88	-88	59	142	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	2,4-Dinitrotoluene	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	59	142	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2,4-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	59	142	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	2,6-Dimethylnaphthalene	n/a	=	0.2002	µg/L	EPA 625m	0.001	0.005	56	114	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	2,6-Dimethylnaphthalene	n/a	=	0.202	µg/L	EPA 625m	0.001	0.005	56	114	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	2,6-Dimethylnaphthalene	n/a	=	87	%	EPA 625m	-88	-88	56	114	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	2,6-Dimethylnaphthalene	n/a	=	86	%	EPA 625m	-88	-88	56	114	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	2,6-Dimethylnaphthalene	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2,6-Dimethylnaphthalene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	114	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2,6-Dimethylnaphthalene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	114	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	40	120	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2,6-Dinitrotoluene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	40	120	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2-Chloronaphthalene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	2-Chlorophenol	n/a	=	1.9576	µg/L	EPA 625m	0.05	0.1	24	124	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	2-Chlorophenol	n/a	=	1.9557	µg/L	EPA 625m	0.05	0.1	24	124	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	2-Chlorophenol	n/a	=	84	%	EPA 625m	-88	-88	24	124	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	2-Chlorophenol	n/a	=	84	%	EPA 625m	-88	-88	24	124	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	2-Chlorophenol	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	24	124	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2-Chlorophenol	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	24	124	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	2-Methylnaphthalene	n/a	=	0.173	µg/L	EPA 625m	0.001	0.005	44	124	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	2-Methylnaphthalene	n/a	=	0.1697	µg/L	EPA 625m	0.001	0.005	44	124	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	2-Methylnaphthalene	n/a	=	73	%	EPA 625m	-88	-88	44	124	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	2-Methylnaphthalene	n/a	=	74	%	EPA 625m	-88	-88	44	124	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	2-Methylnaphthalene	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2-Methylnaphthalene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	44	124	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2-Methylnaphthalene	n/a	DNQ	0.0024	µg/L	EPA 625m	0.001	0.005	44	124	
2009/10-PRE	Lab	method blank	8/1/2009	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	30	180	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	2-Nitrophenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	30	180	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	3,3'-Dichlorobenzidine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	0	180	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	4,6-Dinitro-2-methylphenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	0	180	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	4-Bromophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	4-Chloro-3-methylphenol	n/a	=	2.3727	µg/L	EPA 625m	0.1	0.2	44	131	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	4-Chloro-3-methylphenol	n/a	=	2.4342	µg/L	EPA 625m	0.1	0.2	44	131	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	4-Chloro-3-methylphenol	n/a	=	105	%	EPA 625m	-88	-88	44	131	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	4-Chloro-3-methylphenol	n/a	=	102	%	EPA 625m	-88	-88	44	131	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	4-Chloro-3-methylphenol	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	44	131	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	4-Chloro-3-methylphenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	44	131	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	4-Chlorophenyl phenyl ether	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	4-Nitrophenol	n/a	=	0.6769	µg/L	EPA 625m	0.1	0.2	0	169	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	4-Nitrophenol	n/a	=	0.7162	µg/L	EPA 625m	0.1	0.2	0	169	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	4-Nitrophenol	n/a	=	31	%	EPA 625m	-88	-88	0	169	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	4-Nitrophenol	n/a	=	29	%	EPA 625m	-88	-88	0	169	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	4-Nitrophenol	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	0	169	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	4-Nitrophenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	0	169	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Acenaphthene	n/a	=	0.5939	µg/L	EPA 625m	0.001	0.005	61	116	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Acenaphthene	n/a	=	0.6218	µg/L	EPA 625m	0.001	0.005	61	116	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Acenaphthene	n/a	=	89	%	EPA 625m	-88	-88	61	116	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Acenaphthene	n/a	=	85	%	EPA 625m	-88	-88	61	116	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Acenaphthene	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	61	116	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Acenaphthene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	61	116	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	Organic	Acenaphthene-d10	n/a	=	0.084	µg/L	EPA 625m	-88	-88	63	111	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	Organic	Acenaphthene-d10	n/a	=	0.086	µg/L	EPA 625m	-88	-88	63	111	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	Organic	Acenaphthene-d10	n/a	=	86	%	EPA 625m	-88	-88	63	111	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	Organic	Acenaphthene-d10	n/a	=	84	%	EPA 625m	-88	-88	63	111	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	Organic	Acenaphthene-d10	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	Organic	Acenaphthene-d10	n/a	=	0.077	µg/L	EPA 625m	-88	-88	63	111	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	Organic	Acenaphthene-d10	n/a	=	77	%	EPA 625m	-88	-88	63	111	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	Organic	Acenaphthene-d10	n/a	=	0.079	µg/L	EPA 625m	-88	-88	63	111	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	Organic	Acenaphthene-d10	n/a	=	79	%	EPA 625m	-88	-88	63	111	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Acenaphthylene	n/a	=	0.1956	µg/L	EPA 625m	0.001	0.005	62	115	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Acenaphthylene	n/a	=	0.2065	µg/L	EPA 625m	0.001	0.005	62	115	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Acenaphthylene	n/a	=	89	%	EPA 625m	-88	-88	62	115	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Acenaphthylene	n/a	=	84	%	EPA 625m	-88	-88	62	115	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Acenaphthylene	n/a	=	6	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	62	115	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Acenaphthylene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	62	115	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Anthracene	n/a	=	0.1995	µg/L	EPA 625m	0.001	0.005	64	112	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Anthracene	n/a	=	0.2291	µg/L	EPA 625m	0.001	0.005	64	112	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Anthracene	n/a	=	98	%	EPA 625m	-88	-88	64	112	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Anthracene	n/a	=	86	%	EPA 625m	-88	-88	64	112	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Anthracene	n/a	=	14	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	112	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Anthracene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	112	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Azobenzene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	40	120	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Azobenzene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	40	120	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Benz(a)anthracene	n/a	=	0.204	µg/L	EPA 625m	0.001	0.005	56	151	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Benz(a)anthracene	n/a	=	0.2152	µg/L	EPA 625m	0.001	0.005	56	151	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Benz(a)anthracene	n/a	=	93	%	EPA 625m	-88	-88	56	151	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Benz(a)anthracene	n/a	=	88	%	EPA 625m	-88	-88	56	151	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Benz(a)anthracene	n/a	=	6	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	151	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Benz(a)anthracene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	151	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Benzidine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Benzo(a)pyrene	n/a	=	0.2333	µg/L	EPA 625m	0.001	0.005	50	153	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Benzo(a)pyrene	n/a	=	0.2323	µg/L	EPA 625m	0.001	0.005	50	153	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Benzo(a)pyrene	n/a	=	100	%	EPA 625m	-88	-88	50	153	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Benzo(a)pyrene	n/a	=	100	%	EPA 625m	-88	-88	50	153	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Benzo(a)pyrene	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	50	153	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Benzo(a)pyrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	50	153	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Benzo(b)fluoranthene	n/a	=	0.2494	µg/L	EPA 625m	0.001	0.005	45	155	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Benzo(b)fluoranthene	n/a	=	0.2317	µg/L	EPA 625m	0.001	0.005	45	155	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Benzo(b)fluoranthene	n/a	=	100	%	EPA 625m	-88	-88	45	155	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Benzo(b)fluoranthene	n/a	=	107	%	EPA 625m	-88	-88	45	155	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Benzo(b)fluoranthene	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	45	155	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Benzo(b)fluoranthene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	45	155	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Benzo(e)pyrene	n/a	=	0.2321	µg/L	EPA 625m	0.001	0.005	49	146	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Benzo(e)pyrene	n/a	=	0.2323	µg/L	EPA 625m	0.001	0.005	49	146	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Benzo(e)pyrene	n/a	=	100	%	EPA 625m	-88	-88	49	146	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Benzo(e)pyrene	n/a	=	100	%	EPA 625m	-88	-88	49	146	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Benzo(e)pyrene	n/a	=	0	%	EPA 625m	-88	-88	0	30	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Benzo(e)pyrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	49	146	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Benzo(e)pyrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	49	146	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Benzo(g,h,i)perylene	n/a	=	0.1694	µg/L	EPA 625m	0.001	0.005	45	165	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Benzo(g,h,i)perylene	n/a	=	0.1883	µg/L	EPA 625m	0.001	0.005	45	165	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Benzo(g,h,i)perylene	n/a	=	81	%	EPA 625m	-88	-88	45	165	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Benzo(g,h,i)perylene	n/a	=	73	%	EPA 625m	-88	-88	45	165	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Benzo(g,h,i)perylene	n/a	=	10	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	45	165	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Benzo(g,h,i)perylene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	45	165	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Benzo(k)fluoranthene	n/a	=	0.2618	µg/L	EPA 625m	0.001	0.005	61	143	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Benzo(k)fluoranthene	n/a	=	0.2643	µg/L	EPA 625m	0.001	0.005	61	143	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Benzo(k)fluoranthene	n/a	=	114	%	EPA 625m	-88	-88	61	143	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Benzo(k)fluoranthene	n/a	=	113	%	EPA 625m	-88	-88	61	143	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Benzo(k)fluoranthene	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	61	143	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Benzo(k)fluoranthene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	61	143	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Biphenyl	n/a	=	0.2022	µg/L	EPA 625m	0.001	0.005	47	118	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Biphenyl	n/a	=	0.2044	µg/L	EPA 625m	0.001	0.005	47	118	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Biphenyl	n/a	=	88	%	EPA 625m	-88	-88	47	118	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Biphenyl	n/a	=	87	%	EPA 625m	-88	-88	47	118	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Biphenyl	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Biphenyl	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	47	118	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Biphenyl	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	47	118	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Bis(2-chloroethoxy)methane	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Bis(2-chloroethyl)ether	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Bis(2-chloroisopropyl)ether	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.4775	µg/L	EPA 625m	0.1	0.125	42	197	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	0.4985	µg/L	EPA 625m	0.1	0.125	42	197	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	107	%	EPA 625m	-88	-88	42	197	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	103	%	EPA 625m	-88	-88	42	197	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.1	µg/L	EPA 625m	0.1	0.125	42	197	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Bis(2-ethylhexyl)phthalate	n/a	<	0.1	µg/L	EPA 625m	0.1	0.125	42	197	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Butyl benzyl phthalate	n/a	=	0.4809	µg/L	EPA 625m	0.025	0.05	70	176	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Butyl benzyl phthalate	n/a	=	0.5049	µg/L	EPA 625m	0.025	0.05	70	176	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Butyl benzyl phthalate	n/a	=	109	%	EPA 625m	-88	-88	70	176	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Butyl benzyl phthalate	n/a	=	103	%	EPA 625m	-88	-88	70	176	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Butyl benzyl phthalate	n/a	=	6	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Butyl benzyl phthalate	n/a	<	0.025	µg/L	EPA 625m	0.025	0.05	70	176	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Butyl benzyl phthalate	n/a	<	0.025	µg/L	EPA 625m	0.025	0.05	70	176	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Chrysene	n/a	=	0.2123	µg/L	EPA 625m	0.001	0.005	47	144	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Chrysene	n/a	=	0.2287	µg/L	EPA 625m	0.001	0.005	47	144	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Chrysene	n/a	=	98	%	EPA 625m	-88	-88	47	144	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Chrysene	n/a	=	91	%	EPA 625m	-88	-88	47	144	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Chrysene	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	47	144	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Chrysene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	47	144	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	Organic	Chrysene-d12	n/a	=	0.09	µg/L	EPA 625m	-88	-88	56	139	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	Organic	Chrysene-d12	n/a	=	0.098	µg/L	EPA 625m	-88	-88	56	139	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	Organic	Chrysene-d12	n/a	=	98	%	EPA 625m	-88	-88	56	139	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	Organic	Chrysene-d12	n/a	=	90	%	EPA 625m	-88	-88	56	139	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	Organic	Chrysene-d12	n/a	=	9	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	Organic	Chrysene-d12	n/a	=	0.09	µg/L	EPA 625m	-88	-88	56	139	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	Organic	Chrysene-d12	n/a	=	90	%	EPA 625m	-88	-88	56	139	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	Organic	Chrysene-d12	n/a	=	0.087	µg/L	EPA 625m	-88	-88	56	139	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	Organic	Chrysene-d12	n/a	=	87	%	EPA 625m	-88	-88	56	139	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Dibenz(a,h)anthracene	n/a	=	0.1689	µg/L	EPA 625m	0.001	0.005	52	156	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Dibenz(a,h)anthracene	n/a	=	0.1798	µg/L	EPA 625m	0.001	0.005	52	156	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Dibenz(a,h)anthracene	n/a	=	77	%	EPA 625m	-88	-88	52	156	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Dibenz(a,h)anthracene	n/a	=	73	%	EPA 625m	-88	-88	52	156	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Dibenz(a,h)anthracene	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	52	156	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Dibenz(a,h)anthracene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	52	156	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Dibenzothiophene	n/a	=	0.2157	µg/L	EPA 625m	0.001	0.005	54	136	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Dibenzothiophene	n/a	=	0.231	µg/L	EPA 625m	0.001	0.005	54	136	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Dibenzothiophene	n/a	=	99	%	EPA 625m	-88	-88	54	136	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Dibenzothiophene	n/a	=	93	%	EPA 625m	-88	-88	54	136	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Dibenzothiophene	n/a	=	6	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Dibenzothiophene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	54	136	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Dibenzothiophene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	54	136	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Diethyl phthalate	n/a	=	0.4953	µg/L	EPA 625m	0.1	0.125	80	137	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Diethyl phthalate	n/a	=	0.5123	µg/L	EPA 625m	0.1	0.125	80	137	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Diethyl phthalate	n/a	=	110	%	EPA 625m	-88	-88	80	137	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Diethyl phthalate	n/a	=	106	%	EPA 625m	-88	-88	80	137	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Diethyl phthalate	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Diethyl phthalate	n/a	<	0.1	µg/L	EPA 625m	0.1	0.125	80	137	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Diethyl phthalate	n/a	=	0.285	µg/L	EPA 625m	0.1	0.125	80	137	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Dimethyl phthalate	n/a	=	0.4712	µg/L	EPA 625m	0.05	0.075	64	128	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Dimethyl phthalate	n/a	=	0.5003	µg/L	EPA 625m	0.05	0.075	64	128	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Dimethyl phthalate	n/a	=	108	%	EPA 625m	-88	-88	64	128	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Dimethyl phthalate	n/a	=	101	%	EPA 625m	-88	-88	64	128	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Dimethyl phthalate	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Dimethyl phthalate	n/a	<	0.05	µg/L	EPA 625m	0.05	0.075	64	128	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Dimethyl phthalate	n/a	<	0.05	µg/L	EPA 625m	0.05	0.075	64	128	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Di-n-butylphthalate	n/a	=	0.4998	µg/L	EPA 625m	0.075	0.1	83	138	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Di-n-butylphthalate	n/a	=	0.5345	µg/L	EPA 625m	0.075	0.1	83	138	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Di-n-butylphthalate	n/a	=	115	%	EPA 625m	-88	-88	83	138	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Di-n-butylphthalate	n/a	=	107	%	EPA 625m	-88	-88	83	138	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Di-n-butylphthalate	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Di-n-butylphthalate	n/a	<	0.075	µg/L	EPA 625m	0.075	0.1	83	138	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Di-n-butylphthalate	n/a	<	0.075	µg/L	EPA 625m	0.075	0.1	83	138	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Di-n-octylphthalate	n/a	=	0.4364	µg/L	EPA 625m	0.01	0.02	58	160	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Di-n-octylphthalate	n/a	=	0.4764	µg/L	EPA 625m	0.01	0.02	58	160	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Di-n-octylphthalate	n/a	=	102	%	EPA 625m	-88	-88	58	160	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Di-n-octylphthalate	n/a	=	94	%	EPA 625m	-88	-88	58	160	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Di-n-octylphthalate	n/a	=	8	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	58	160	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Di-n-octylphthalate	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	58	160	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Fluoranthene	n/a	=	0.2289	µg/L	EPA 625m	0.001	0.005	66	132	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Fluoranthene	n/a	=	0.2424	µg/L	EPA 625m	0.001	0.005	66	132	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Fluoranthene	n/a	=	104	%	EPA 625m	-88	-88	66	132	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Fluoranthene	n/a	=	98	%	EPA 625m	-88	-88	66	132	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Fluoranthene	n/a	=	6	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	66	132	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Fluoranthene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	66	132	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Fluorene	n/a	=	0.2066	µg/L	EPA 625m	0.001	0.005	60	122	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Fluorene	n/a	=	0.2165	µg/L	EPA 625m	0.001	0.005	60	122	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Fluorene	n/a	=	93	%	EPA 625m	-88	-88	60	122	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Fluorene	n/a	=	89	%	EPA 625m	-88	-88	60	122	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Fluorene	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	122	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Fluorene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	122	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Hexachlorobenzene	n/a	=	0.4085	µg/L	EPA 625m	0.001	0.005	37	112	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Hexachlorobenzene	n/a	=	0.4435	µg/L	EPA 625m	0.001	0.005	37	112	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Hexachlorobenzene	n/a	=	95	%	EPA 625m	-88	-88	37	112	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Hexachlorobenzene	n/a	=	88	%	EPA 625m	-88	-88	37	112	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Hexachlorobenzene	n/a	=	8	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	37	112	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Hexachlorobenzene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	37	112	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Hexachlorobutadiene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Hexachlorocyclopentadiene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Hexachloroethane	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.1774	µg/L	EPA 625m	0.001	0.005	53	161	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	0.1856	µg/L	EPA 625m	0.001	0.005	53	161	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	80	%	EPA 625m	-88	-88	53	161	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	76	%	EPA 625m	-88	-88	53	161	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	53	161	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Indeno(1,2,3-cd)pyrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	53	161	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Isophorone	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Naphthalene	n/a	=	0.1863	µg/L	EPA 625m	0.001	0.005	41	109	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Naphthalene	n/a	=	0.1845	µg/L	EPA 625m	0.001	0.005	41	109	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Naphthalene	n/a	=	79	%	EPA 625m	-88	-88	41	109	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Naphthalene	n/a	=	80	%	EPA 625m	-88	-88	41	109	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Naphthalene	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Naphthalene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	41	109	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Naphthalene	n/a	=	0.0133	µg/L	EPA 625m	0.001	0.005	41	109	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	Organic	Naphthalene-d8	n/a	=	0.076	µg/L	EPA 625m	-88	-88	30	114	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	Organic	Naphthalene-d8	n/a	=	0.078	µg/L	EPA 625m	-88	-88	30	114	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	Organic	Naphthalene-d8	n/a	=	78	%	EPA 625m	-88	-88	30	114	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	Organic	Naphthalene-d8	n/a	=	76	%	EPA 625m	-88	-88	30	114	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	Organic	Naphthalene-d8	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	Organic	Naphthalene-d8	n/a	=	0.069	µg/L	EPA 625m	-88	-88	30	114	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	Organic	Naphthalene-d8	n/a	=	69	%	EPA 625m	-88	-88	30	114	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	Organic	Naphthalene-d8	n/a	=	0.069	µg/L	EPA 625m	-88	-88	30	114	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	Organic	Naphthalene-d8	n/a	=	69	%	EPA 625m	-88	-88	30	114	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Nitrobenzene	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	N-Nitrosodimethylamine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.3547	µg/L	EPA 625m	0.05	0.1	44	128	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	0.3679	µg/L	EPA 625m	0.05	0.1	44	128	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	79	%	EPA 625m	-88	-88	44	128	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	76	%	EPA 625m	-88	-88	44	128	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	N-Nitrosodi-N-propylamine	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	44	128	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	N-Nitrosodi-N-propylamine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	44	128	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	N-Nitrosodiphenylamine	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Perylene	n/a	=	0.2316	µg/L	EPA 625m	0.001	0.005	51	144	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Perylene	n/a	=	0.2283	µg/L	EPA 625m	0.001	0.005	51	144	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Perylene	n/a	=	98	%	EPA 625m	-88	-88	51	144	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Perylene	n/a	=	100	%	EPA 625m	-88	-88	51	144	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Perylene	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Perylene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	51	144	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Perylene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	51	144	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	Organic	Perylene-d12	n/a	=	0.097	µg/L	EPA 625m	-88	-88	41	133	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	Organic	Perylene-d12	n/a	=	0.095	µg/L	EPA 625m	-88	-88	41	133	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	Organic	Perylene-d12	n/a	=	95	%	EPA 625m	-88	-88	41	133	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	Organic	Perylene-d12	n/a	=	97	%	EPA 625m	-88	-88	41	133	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	Organic	Perylene-d12	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	Organic	Perylene-d12	n/a	=	0.098	µg/L	EPA 625m	-88	-88	41	133	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	Organic	Perylene-d12	n/a	=	98	%	EPA 625m	-88	-88	41	133	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	Organic	Perylene-d12	n/a	=	0.095	µg/L	EPA 625m	-88	-88	41	133	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	Organic	Perylene-d12	n/a	=	95	%	EPA 625m	-88	-88	41	133	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Phenanthrene	n/a	=	0.2158	µg/L	EPA 625m	0.001	0.005	56	127	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Phenanthrene	n/a	=	0.2326	µg/L	EPA 625m	0.001	0.005	56	127	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Phenanthrene	n/a	=	100	%	EPA 625m	-88	-88	56	127	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Phenanthrene	n/a	=	93	%	EPA 625m	-88	-88	56	127	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Phenanthrene	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	127	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Phenanthrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	127	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	Organic	Phenanthrene-d10	n/a	=	0.093	µg/L	EPA 625m	-88	-88	61	127	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	Organic	Phenanthrene-d10	n/a	=	0.098	µg/L	EPA 625m	-88	-88	61	127	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	Organic	Phenanthrene-d10	n/a	=	98	%	EPA 625m	-88	-88	61	127	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	Organic	Phenanthrene-d10	n/a	=	93	%	EPA 625m	-88	-88	61	127	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	Organic	Phenanthrene-d10	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	Organic	Phenanthrene-d10	n/a	=	0.089	µg/L	EPA 625m	-88	-88	61	127	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	Organic	Phenanthrene-d10	n/a	=	89	%	EPA 625m	-88	-88	61	127	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	Organic	Phenanthrene-d10	n/a	=	0.086	µg/L	EPA 625m	-88	-88	61	127	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	Organic	Phenanthrene-d10	n/a	=	86	%	EPA 625m	-88	-88	61	127	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Phenol	n/a	=	0.8022	µg/L	EPA 625m	0.1	0.2	0	149	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Phenol	n/a	=	0.8339	µg/L	EPA 625m	0.1	0.2	0	149	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Phenol	n/a	=	36	%	EPA 625m	-88	-88	0	149	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Phenol	n/a	=	34	%	EPA 625m	-88	-88	0	149	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Phenol	n/a	=	6	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Phenol	n/a	<	0.1	µg/L	EPA 625m	0.1	0.2	0	149	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Phenol	n/a	=	0.219	µg/L	EPA 625m	0.1	0.2	0	149	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	Organic	Phenol-d5	n/a	=	0.029	µg/L	EPA 625m	-88	-88	0	157	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	Organic	Phenol-d5	n/a	=	0.03	µg/L	EPA 625m	-88	-88	0	157	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	Organic	Phenol-d5	n/a	=	30	%	EPA 625m	-88	-88	0	157	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	Organic	Phenol-d5	n/a	=	29	%	EPA 625m	-88	-88	0	157	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	Organic	Phenol-d5	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	Organic	Phenol-d5	n/a	=	0.027	µg/L	EPA 625m	-88	-88	0	157	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	Organic	Phenol-d5	n/a	=	27	%	EPA 625m	-88	-88	0	157	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	Organic	Phenol-d5	n/a	=	0.023	µg/L	EPA 625m	-88	-88	0	157	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	Organic	Phenol-d5	n/a	=	23	%	EPA 625m	-88	-88	0	157	x
2009/10-PRE	Lab	LCS	8/1/2009	Organic	Pyrene	n/a	=	0.6952	µg/L	EPA 625m	0.001	0.005	13	168	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Organic	Pyrene	n/a	=	0.7506	µg/L	EPA 625m	0.001	0.005	13	168	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Organic	Pyrene	n/a	=	108	%	EPA 625m	-88	-88	13	168	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Organic	Pyrene	n/a	=	100	%	EPA 625m	-88	-88	13	168	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Organic	Pyrene	n/a	=	8	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	13	168	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Organic	Pyrene	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	13	168	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.087	µg/L	EPA 625m	-88	-88	27	140	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.095	µg/L	EPA 625m	-88	-88	27	140	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	95	%	EPA 625m	-88	-88	27	140	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	87	%	EPA 625m	-88	-88	27	140	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	9	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.077	µg/L	EPA 625m	-88	-88	27	140	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	77	%	EPA 625m	-88	-88	27	140	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	0.079	µg/L	EPA 625m	-88	-88	27	140	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	Organic	Tetrachloro-m-xylene (TCMX)	n/a	=	79	%	EPA 625m	-88	-88	27	140	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 003	n/a	=	0.1706	µg/L	EPA 625m	0.001	0.005	57	128	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 003	n/a	=	0.1693	µg/L	EPA 625m	0.001	0.005	57	128	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 003	n/a	=	91	%	EPA 625m	-88	-88	57	128	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 003	n/a	=	92	%	EPA 625m	-88	-88	57	128	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 003	n/a	=	1	%	EPA 625m	-88	-88	0	30	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 003	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	57	128	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 003	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	57	128	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 008	n/a	=	0.1767	µg/L	EPA 625m	0.001	0.005	65	121	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 008	n/a	=	0.1798	µg/L	EPA 625m	0.001	0.005	65	121	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 008	n/a	=	97	%	EPA 625m	-88	-88	65	121	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 008	n/a	=	95	%	EPA 625m	-88	-88	65	121	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 008	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 008	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	121	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 008	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	121	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 018	n/a	=	0.1888	µg/L	EPA 625m	0.001	0.005	60	123	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 018	n/a	=	0.1881	µg/L	EPA 625m	0.001	0.005	60	123	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 018	n/a	=	101	%	EPA 625m	-88	-88	60	123	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 018	n/a	=	102	%	EPA 625m	-88	-88	60	123	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 018	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 018	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	123	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 018	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	123	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 028	n/a	=	0.1858	µg/L	EPA 625m	0.001	0.005	68	133	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 028	n/a	=	0.1815	µg/L	EPA 625m	0.001	0.005	68	133	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 028	n/a	=	98	%	EPA 625m	-88	-88	68	133	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 028	n/a	=	100	%	EPA 625m	-88	-88	68	133	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 028	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 028	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	133	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 028	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	133	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	PCB	PCB 030	n/a	=	0.092	µg/L	EPA 625m	-88	-88	41	139	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	PCB	PCB 030	n/a	=	0.092	µg/L	EPA 625m	-88	-88	41	139	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	PCB	PCB 030	n/a	=	92	%	EPA 625m	-88	-88	41	139	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	PCB	PCB 030	n/a	=	92	%	EPA 625m	-88	-88	41	139	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	PCB	PCB 030	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	PCB	PCB 030	n/a	=	0.086	µg/L	EPA 625m	-88	-88	41	139	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	PCB	PCB 030	n/a	=	86	%	EPA 625m	-88	-88	41	139	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	PCB	PCB 030	n/a	=	0.092	µg/L	EPA 625m	-88	-88	41	139	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	PCB	PCB 030	n/a	=	92	%	EPA 625m	-88	-88	41	139	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 031	n/a	=	0.1832	µg/L	EPA 625m	0.001	0.005	64	122	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 031	n/a	=	0.1811	µg/L	EPA 625m	0.001	0.005	64	122	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 031	n/a	=	97	%	EPA 625m	-88	-88	64	122	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 031	n/a	=	98	%	EPA 625m	-88	-88	64	122	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 031	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 031	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	122	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 031	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	122	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 033	n/a	=	0.1849	µg/L	EPA 625m	0.001	0.005	69	120	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 033	n/a	=	0.1896	µg/L	EPA 625m	0.001	0.005	69	120	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 033	n/a	=	102	%	EPA 625m	-88	-88	69	120	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 033	n/a	=	99	%	EPA 625m	-88	-88	69	120	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 033	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 033	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	120	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 033	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	120	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 037	n/a	=	0.208	µg/L	EPA 625m	0.001	0.005	74	135	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 037	n/a	=	0.2055	µg/L	EPA 625m	0.001	0.005	74	135	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 037	n/a	=	110	%	EPA 625m	-88	-88	74	135	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 037	n/a	=	112	%	EPA 625m	-88	-88	74	135	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 037	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 037	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	74	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 037	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	74	135	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 044	n/a	=	0.1948	µg/L	EPA 625m	0.001	0.005	68	123	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 044	n/a	=	0.1918	µg/L	EPA 625m	0.001	0.005	68	123	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 044	n/a	=	103	%	EPA 625m	-88	-88	68	123	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 044	n/a	=	105	%	EPA 625m	-88	-88	68	123	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 044	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 044	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	123	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 044	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	123	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 049	n/a	=	0.1865	µg/L	EPA 625m	0.001	0.005	67	115	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 049	n/a	=	0.1845	µg/L	EPA 625m	0.001	0.005	67	115	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 049	n/a	=	99	%	EPA 625m	-88	-88	67	115	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 049	n/a	=	100	%	EPA 625m	-88	-88	67	115	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 049	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 049	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	115	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 049	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	115	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 052	n/a	=	0.1922	µg/L	EPA 625m	0.001	0.005	68	122	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 052	n/a	=	0.1978	µg/L	EPA 625m	0.001	0.005	68	122	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 052	n/a	=	106	%	EPA 625m	-88	-88	68	122	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 052	n/a	=	103	%	EPA 625m	-88	-88	68	122	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 052	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 052	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	122	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 052	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	122	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 056 + 060	n/a	=	0.1874	µg/L	EPA 625m	0.001	0.005	57	150	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 056 + 060	n/a	=	0.1957	µg/L	EPA 625m	0.001	0.005	57	150	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 056 + 060	n/a	=	105	%	EPA 625m	-88	-88	57	150	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 056 + 060	n/a	=	101	%	EPA 625m	-88	-88	57	150	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 056 + 060	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 056 + 060	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	57	150	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 056 + 060	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	57	150	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 066	n/a	=	0.1938	µg/L	EPA 625m	0.001	0.005	70	119	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 066	n/a	=	0.1993	µg/L	EPA 625m	0.001	0.005	70	119	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 066	n/a	=	107	%	EPA 625m	-88	-88	70	119	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 066	n/a	=	104	%	EPA 625m	-88	-88	70	119	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 066	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 066	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	119	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 066	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	119	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 070	n/a	=	0.1981	µg/L	EPA 625m	0.001	0.005	70	137	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 070	n/a	=	0.2063	µg/L	EPA 625m	0.001	0.005	70	137	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 070	n/a	=	111	%	EPA 625m	-88	-88	70	137	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 070	n/a	=	107	%	EPA 625m	-88	-88	70	137	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 070	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 070	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	137	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 070	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	137	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 074	n/a	=	0.2018	µg/L	EPA 625m	0.001	0.005	75	135	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 074	n/a	=	0.2044	µg/L	EPA 625m	0.001	0.005	75	135	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 074	n/a	=	110	%	EPA 625m	-88	-88	75	135	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 074	n/a	=	108	%	EPA 625m	-88	-88	75	135	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 074	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 074	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	75	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 074	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	75	135	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 077	n/a	=	0.1949	µg/L	EPA 625m	0.001	0.005	74	137	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 077	n/a	=	0.1966	µg/L	EPA 625m	0.001	0.005	74	137	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 077	n/a	=	106	%	EPA 625m	-88	-88	74	137	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 077	n/a	=	105	%	EPA 625m	-88	-88	74	137	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 077	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 077	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	74	137	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 077	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	74	137	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 081	n/a	=	0.1948	µg/L	EPA 625m	0.001	0.005	71	138	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 081	n/a	=	0.1928	µg/L	EPA 625m	0.001	0.005	71	138	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 081	n/a	=	104	%	EPA 625m	-88	-88	71	138	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 081	n/a	=	105	%	EPA 625m	-88	-88	71	138	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 081	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 081	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	71	138	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 081	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	71	138	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 087	n/a	=	0.1903	µg/L	EPA 625m	0.001	0.005	73	116	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 087	n/a	=	0.1994	µg/L	EPA 625m	0.001	0.005	73	116	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 087	n/a	=	107	%	EPA 625m	-88	-88	73	116	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 087	n/a	=	102	%	EPA 625m	-88	-88	73	116	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 087	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 087	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	73	116	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 087	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	73	116	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 095	n/a	=	0.191	µg/L	EPA 625m	0.001	0.005	64	118	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 095	n/a	=	0.1919	µg/L	EPA 625m	0.001	0.005	64	118	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 095	n/a	=	103	%	EPA 625m	-88	-88	64	118	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 095	n/a	=	103	%	EPA 625m	-88	-88	64	118	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 095	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 095	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	118	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 095	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	118	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 097	n/a	=	0.199	µg/L	EPA 625m	0.001	0.005	66	122	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 097	n/a	=	0.1949	µg/L	EPA 625m	0.001	0.005	66	122	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 097	n/a	=	105	%	EPA 625m	-88	-88	66	122	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 097	n/a	=	107	%	EPA 625m	-88	-88	66	122	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 097	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 097	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	66	122	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 097	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	66	122	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 099	n/a	=	0.2059	µg/L	EPA 625m	0.001	0.005	68	130	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 099	n/a	=	0.2129	µg/L	EPA 625m	0.001	0.005	68	130	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 099	n/a	=	114	%	EPA 625m	-88	-88	68	130	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 099	n/a	=	111	%	EPA 625m	-88	-88	68	130	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 099	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 099	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	130	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 099	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	130	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 101	n/a	=	0.2056	µg/L	EPA 625m	0.001	0.005	67	118	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 101	n/a	=	0.2033	µg/L	EPA 625m	0.001	0.005	67	118	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 101	n/a	=	109	%	EPA 625m	-88	-88	67	118	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 101	n/a	=	111	%	EPA 625m	-88	-88	67	118	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 101	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 101	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	118	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 101	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	118	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 105	n/a	=	0.1714	µg/L	EPA 625m	0.001	0.005	70	119	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 105	n/a	=	0.168	µg/L	EPA 625m	0.001	0.005	70	119	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 105	n/a	=	90	%	EPA 625m	-88	-88	70	119	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 105	n/a	=	92	%	EPA 625m	-88	-88	70	119	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 105	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 105	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	119	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 105	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	119	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 110	n/a	=	0.1927	µg/L	EPA 625m	0.001	0.005	67	120	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 110	n/a	=	0.1976	µg/L	EPA 625m	0.001	0.005	67	120	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 110	n/a	=	106	%	EPA 625m	-88	-88	67	120	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 110	n/a	=	104	%	EPA 625m	-88	-88	67	120	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 110	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 110	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	120	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 110	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	120	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	PCB	PCB 112	n/a	=	0.091	µg/L	EPA 625m	-88	-88	52	144	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	PCB	PCB 112	n/a	=	0.095	µg/L	EPA 625m	-88	-88	52	144	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	PCB	PCB 112	n/a	=	95	%	EPA 625m	-88	-88	52	144	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	PCB	PCB 112	n/a	=	91	%	EPA 625m	-88	-88	52	144	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	PCB	PCB 112	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	PCB	PCB 112	n/a	=	0.092	µg/L	EPA 625m	-88	-88	52	144	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	PCB	PCB 112	n/a	=	92	%	EPA 625m	-88	-88	52	144	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	PCB	PCB 112	n/a	=	0.1	µg/L	EPA 625m	-88	-88	52	144	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	PCB	PCB 112	n/a	=	100	%	EPA 625m	-88	-88	52	144	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 114	n/a	=	0.1687	µg/L	EPA 625m	0.001	0.005	76	137	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 114	n/a	=	0.1747	µg/L	EPA 625m	0.001	0.005	76	137	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 114	n/a	=	94	%	EPA 625m	-88	-88	76	137	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 114	n/a	=	91	%	EPA 625m	-88	-88	76	137	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 114	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 114	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	76	137	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 114	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	76	137	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 118	n/a	=	0.1684	µg/L	EPA 625m	0.001	0.005	73	111	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 118	n/a	=	0.1733	µg/L	EPA 625m	0.001	0.005	73	111	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 118	n/a	=	93	%	EPA 625m	-88	-88	73	111	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 118	n/a	=	91	%	EPA 625m	-88	-88	73	111	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 118	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 118	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	73	111	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 118	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	73	111	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 119	n/a	=	0.1936	µg/L	EPA 625m	0.001	0.005	66	118	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 119	n/a	=	0.2008	µg/L	EPA 625m	0.001	0.005	66	118	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 119	n/a	=	108	%	EPA 625m	-88	-88	66	118	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 119	n/a	=	104	%	EPA 625m	-88	-88	66	118	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 119	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 119	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	66	118	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 119	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	66	118	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 123	n/a	=	0.1628	µg/L	EPA 625m	0.001	0.005	73	120	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 123	n/a	=	0.1733	µg/L	EPA 625m	0.001	0.005	73	120	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 123	n/a	=	93	%	EPA 625m	-88	-88	73	120	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 123	n/a	=	88	%	EPA 625m	-88	-88	73	120	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 123	n/a	=	6	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 123	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	73	120	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 123	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	73	120	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 126	n/a	=	0.1659	µg/L	EPA 625m	0.001	0.005	76	133	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 126	n/a	=	0.1738	µg/L	EPA 625m	0.001	0.005	76	133	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 126	n/a	=	93	%	EPA 625m	-88	-88	76	133	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 126	n/a	=	89	%	EPA 625m	-88	-88	76	133	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 126	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 126	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	76	133	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 126	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	76	133	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 128	n/a	=	0.1717	µg/L	EPA 625m	0.001	0.005	63	136	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 128	n/a	=	0.1684	µg/L	EPA 625m	0.001	0.005	63	136	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 128	n/a	=	91	%	EPA 625m	-88	-88	63	136	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 128	n/a	=	92	%	EPA 625m	-88	-88	63	136	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 128	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 128	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	63	136	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 128	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	63	136	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 138	n/a	=	0.1758	µg/L	EPA 625m	0.001	0.005	68	119	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 138	n/a	=	0.1734	µg/L	EPA 625m	0.001	0.005	68	119	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 138	n/a	=	93	%	EPA 625m	-88	-88	68	119	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 138	n/a	=	95	%	EPA 625m	-88	-88	68	119	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 138	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 138	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	119	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 138	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	68	119	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 141	n/a	=	0.1547	µg/L	EPA 625m	0.001	0.005	61	130	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 141	n/a	=	0.1795	µg/L	EPA 625m	0.001	0.005	61	130	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 141	n/a	=	97	%	EPA 625m	-88	-88	61	130	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 141	n/a	=	83	%	EPA 625m	-88	-88	61	130	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 141	n/a	=	15	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 141	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	61	130	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 141	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	61	130	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 149	n/a	=	0.1654	µg/L	EPA 625m	0.001	0.005	65	119	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 149	n/a	=	0.176	µg/L	EPA 625m	0.001	0.005	65	119	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 149	n/a	=	95	%	EPA 625m	-88	-88	65	119	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 149	n/a	=	89	%	EPA 625m	-88	-88	65	119	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 149	n/a	=	7	%	EPA 625m	-88	-88	0	30	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 149	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	119	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 149	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	119	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 151	n/a	=	0.1671	µg/L	EPA 625m	0.001	0.005	70	116	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 151	n/a	=	0.1815	µg/L	EPA 625m	0.001	0.005	70	116	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 151	n/a	=	98	%	EPA 625m	-88	-88	70	116	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 151	n/a	=	90	%	EPA 625m	-88	-88	70	116	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 151	n/a	=	9	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 151	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	116	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 151	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	116	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 153	n/a	=	0.1701	µg/L	EPA 625m	0.001	0.005	76	109	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 153	n/a	=	0.1663	µg/L	EPA 625m	0.001	0.005	76	109	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 153	n/a	=	89	%	EPA 625m	-88	-88	76	109	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 153	n/a	=	91	%	EPA 625m	-88	-88	76	109	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 153	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 153	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	76	109	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 153	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	76	109	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 156	n/a	=	0.1576	µg/L	EPA 625m	0.001	0.005	71	118	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 156	n/a	=	0.1629	µg/L	EPA 625m	0.001	0.005	71	118	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 156	n/a	=	88	%	EPA 625m	-88	-88	71	118	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 156	n/a	=	85	%	EPA 625m	-88	-88	71	118	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 156	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 156	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	71	118	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 156	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	71	118	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 157	n/a	=	0.1555	µg/L	EPA 625m	0.001	0.005	69	115	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 157	n/a	=	0.1623	µg/L	EPA 625m	0.001	0.005	69	115	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 157	n/a	=	87	%	EPA 625m	-88	-88	69	115	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 157	n/a	=	84	%	EPA 625m	-88	-88	69	115	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 157	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 157	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	115	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 157	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	115	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 158	n/a	=	0.1581	µg/L	EPA 625m	0.001	0.005	71	120	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 158	n/a	=	0.1703	µg/L	EPA 625m	0.001	0.005	71	120	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 158	n/a	=	92	%	EPA 625m	-88	-88	71	120	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 158	n/a	=	85	%	EPA 625m	-88	-88	71	120	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 158	n/a	=	8	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 158	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	71	120	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 158	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	71	120	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 167	n/a	=	0.1523	µg/L	EPA 625m	0.001	0.005	63	117	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 167	n/a	=	0.1733	µg/L	EPA 625m	0.001	0.005	63	117	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 167	n/a	=	93	%	EPA 625m	-88	-88	63	117	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 167	n/a	=	82	%	EPA 625m	-88	-88	63	117	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 167	n/a	=	13	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 167	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	63	117	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 167	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	63	117	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 168 + 132	n/a	=	0.329	µg/L	EPA 625m	0.001	0.005	67	116	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 168 + 132	n/a	=	0.3318	µg/L	EPA 625m	0.001	0.005	67	116	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 168 + 132	n/a	=	89	%	EPA 625m	-88	-88	67	116	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 168 + 132	n/a	=	88	%	EPA 625m	-88	-88	67	116	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 168 + 132	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 168 + 132	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	116	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 168 + 132	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	116	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 169	n/a	=	0.1606	µg/L	EPA 625m	0.001	0.005	73	128	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 169	n/a	=	0.1562	µg/L	EPA 625m	0.001	0.005	73	128	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 169	n/a	=	84	%	EPA 625m	-88	-88	73	128	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 169	n/a	=	86	%	EPA 625m	-88	-88	73	128	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 169	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 169	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	73	128	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 169	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	73	128	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 170	n/a	=	0.1535	µg/L	EPA 625m	0.001	0.005	61	129	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 170	n/a	=	0.1508	µg/L	EPA 625m	0.001	0.005	61	129	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 170	n/a	=	81	%	EPA 625m	-88	-88	61	129	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 170	n/a	=	83	%	EPA 625m	-88	-88	61	129	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 170	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 170	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	61	129	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 170	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	61	129	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 174	n/a	=	0.1378	µg/L	EPA 625m	0.001	0.005	54	131	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 174	n/a	=	0.149	µg/L	EPA 625m	0.001	0.005	54	131	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 174	n/a	=	80	%	EPA 625m	-88	-88	54	131	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 174	n/a	=	74	%	EPA 625m	-88	-88	54	131	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 174	n/a	=	8	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 174	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	54	131	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 174	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	54	131	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 177	n/a	=	0.1554	µg/L	EPA 625m	0.001	0.005	69	127	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 177	n/a	=	0.1662	µg/L	EPA 625m	0.001	0.005	69	127	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 177	n/a	=	89	%	EPA 625m	-88	-88	69	127	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 177	n/a	=	84	%	EPA 625m	-88	-88	69	127	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 177	n/a	=	6	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 177	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	127	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 177	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	127	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 180	n/a	=	0.1562	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 180	n/a	=	0.1519	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 180	n/a	=	82	%	EPA 625m	-88	-88	65	126	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 180	n/a	=	84	%	EPA 625m	-88	-88	65	126	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 180	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 180	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 180	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 183	n/a	=	0.171	µg/L	EPA 625m	0.001	0.005	71	113	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 183	n/a	=	0.1797	µg/L	EPA 625m	0.001	0.005	71	113	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 183	n/a	=	97	%	EPA 625m	-88	-88	71	113	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 183	n/a	=	92	%	EPA 625m	-88	-88	71	113	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 183	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 183	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	71	113	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 183	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	71	113	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 187	n/a	=	0.1487	µg/L	EPA 625m	0.001	0.005	63	123	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 187	n/a	=	0.1644	µg/L	EPA 625m	0.001	0.005	63	123	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 187	n/a	=	88	%	EPA 625m	-88	-88	63	123	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 187	n/a	=	80	%	EPA 625m	-88	-88	63	123	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 187	n/a	=	10	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 187	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	63	123	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 187	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	63	123	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 189	n/a	=	0.143	µg/L	EPA 625m	0.001	0.005	69	123	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 189	n/a	=	0.1586	µg/L	EPA 625m	0.001	0.005	69	123	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 189	n/a	=	85	%	EPA 625m	-88	-88	69	123	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 189	n/a	=	77	%	EPA 625m	-88	-88	69	123	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 189	n/a	=	10	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 189	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	123	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 189	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	123	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 194	n/a	=	0.1371	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 194	n/a	=	0.1558	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 194	n/a	=	84	%	EPA 625m	-88	-88	65	126	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 194	n/a	=	74	%	EPA 625m	-88	-88	65	126	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 194	n/a	=	13	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 194	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 194	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 195	n/a	=	0.139	µg/L	EPA 625m	0.001	0.005	67	132	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 195	n/a	=	0.1558	µg/L	EPA 625m	0.001	0.005	67	132	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 195	n/a	=	84	%	EPA 625m	-88	-88	67	132	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 195	n/a	=	75	%	EPA 625m	-88	-88	67	132	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 195	n/a	=	11	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 195	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	132	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 195	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	67	132	x
2009/10-PRE	Lab	srgt LCS	8/1/2009	PCB	PCB 198	n/a	=	0.086	µg/L	EPA 625m	-88	-88	55	146	x
2009/10-PRE	Lab	srgt LCS dup	8/1/2009	PCB	PCB 198	n/a	=	0.09	µg/L	EPA 625m	-88	-88	55	146	x
2009/10-PRE	Lab	srgt LCS dup, rec	8/1/2009	PCB	PCB 198	n/a	=	90	%	EPA 625m	-88	-88	55	146	x
2009/10-PRE	Lab	srgt LCS, rec	8/1/2009	PCB	PCB 198	n/a	=	86	%	EPA 625m	-88	-88	55	146	x
2009/10-PRE	Lab	srgt LCS, RPD	8/1/2009	PCB	PCB 198	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	srgt method blank	8/1/2009	PCB	PCB 198	n/a	=	0.092	µg/L	EPA 625m	-88	-88	55	146	x
2009/10-PRE	Lab	srgt method blank, rec	8/1/2009	PCB	PCB 198	n/a	=	92	%	EPA 625m	-88	-88	55	146	x
2009/10-PRE	Tubing Blank	srgt equip blank	8/1/2009	PCB	PCB 198	n/a	=	0.094	µg/L	EPA 625m	-88	-88	55	146	x
2009/10-PRE	Tubing Blank	srgt equip blank, rec	8/1/2009	PCB	PCB 198	n/a	=	94	%	EPA 625m	-88	-88	55	146	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 200	n/a	=	0.161	µg/L	EPA 625m	0.001	0.005	65	117	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 200	n/a	=	0.1672	µg/L	EPA 625m	0.001	0.005	65	117	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 200	n/a	=	90	%	EPA 625m	-88	-88	65	117	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 200	n/a	=	87	%	EPA 625m	-88	-88	65	117	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 200	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 200	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	117	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 200	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	117	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 201	n/a	=	0.1442	µg/L	EPA 625m	0.001	0.005	70	127	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 201	n/a	=	0.1646	µg/L	EPA 625m	0.001	0.005	70	127	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 201	n/a	=	88	%	EPA 625m	-88	-88	70	127	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 201	n/a	=	78	%	EPA 625m	-88	-88	70	127	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 201	n/a	=	12	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 201	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	127	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 201	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	127	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 203	n/a	=	0.1513	µg/L	EPA 625m	0.001	0.005	60	125	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 203	n/a	=	0.1662	µg/L	EPA 625m	0.001	0.005	60	125	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 203	n/a	=	89	%	EPA 625m	-88	-88	60	125	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 203	n/a	=	81	%	EPA 625m	-88	-88	60	125	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 203	n/a	=	9	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 203	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	125	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 203	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	125	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 206	n/a	=	0.1368	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 206	n/a	=	0.1524	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 206	n/a	=	82	%	EPA 625m	-88	-88	65	126	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 206	n/a	=	74	%	EPA 625m	-88	-88	65	126	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 206	n/a	=	10	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 206	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 206	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	126	x
2009/10-PRE	Lab	LCS	8/1/2009	PCB	PCB 209	n/a	=	0.1216	µg/L	EPA 625m	0.001	0.005	64	128	x
2009/10-PRE	Lab	LCS dup	8/1/2009	PCB	PCB 209	n/a	=	0.1477	µg/L	EPA 625m	0.001	0.005	64	128	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	PCB	PCB 209	n/a	=	79	%	EPA 625m	-88	-88	64	128	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	PCB	PCB 209	n/a	=	65	%	EPA 625m	-88	-88	64	128	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	PCB	PCB 209	n/a	=	19	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB 209	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	128	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB 209	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	128	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB Aroclor 1016	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB Aroclor 1016	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB Aroclor 1221	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB Aroclor 1221	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB Aroclor 1232	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB Aroclor 1232	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB Aroclor 1242	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB Aroclor 1242	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB Aroclor 1248	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB Aroclor 1248	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB Aroclor 1254	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB Aroclor 1254	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Lab	method blank	8/1/2009	PCB	PCB Aroclor 1260	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	PCB	PCB Aroclor 1260	n/a	<	0.01	µg/L	EPA 625m	0.01	0.02	65	135	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	2,4'-DDD	n/a	=	0.2426	µg/L	EPA 625m	0.001	0.005	50	140	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	2,4'-DDD	n/a	=	0.2516	µg/L	EPA 625m	0.001	0.005	50	140	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	2,4'-DDD	n/a	=	108	%	EPA 625m	-88	-88	50	140	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	2,4'-DDD	n/a	=	104	%	EPA 625m	-88	-88	50	140	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	2,4'-DDD	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	2,4'-DDD	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	50	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	2,4'-DDD	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	50	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	2,4'-DDE	n/a	=	0.2369	µg/L	EPA 625m	0.001	0.005	60	130	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	2,4'-DDE	n/a	=	0.2466	µg/L	EPA 625m	0.001	0.005	60	130	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	2,4'-DDE	n/a	=	106	%	EPA 625m	-88	-88	60	130	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	2,4'-DDE	n/a	=	102	%	EPA 625m	-88	-88	60	130	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	2,4'-DDE	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	2,4'-DDE	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	130	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	2,4'-DDE	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	130	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	2,4'-DDT	n/a	=	0.2056	µg/L	EPA 625m	0.001	0.005	40	130	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	2,4'-DDT	n/a	=	0.2019	µg/L	EPA 625m	0.001	0.005	40	130	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	2,4'-DDT	n/a	=	87	%	EPA 625m	-88	-88	40	130	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	2,4'-DDT	n/a	=	88	%	EPA 625m	-88	-88	40	130	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	2,4'-DDT	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	2,4'-DDT	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	40	130	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	2,4'-DDT	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	40	130	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	4,4'-DDD	n/a	=	0.2161	µg/L	EPA 625m	0.001	0.005	60	140	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	4,4'-DDD	n/a	=	0.2314	µg/L	EPA 625m	0.001	0.005	60	140	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	4,4'-DDD	n/a	=	99	%	EPA 625m	-88	-88	60	140	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	4,4'-DDD	n/a	=	93	%	EPA 625m	-88	-88	60	140	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	4,4'-DDD	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	4,4'-DDD	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	4,4'-DDD	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	4,4'-DDE	n/a	=	0.2614	µg/L	EPA 625m	0.001	0.005	70	130	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	4,4'-DDE	n/a	=	0.2684	µg/L	EPA 625m	0.001	0.005	70	130	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	4,4'-DDE	n/a	=	115	%	EPA 625m	-88	-88	70	130	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	4,4'-DDE	n/a	=	112	%	EPA 625m	-88	-88	70	130	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	4,4'-DDE	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	4,4'-DDE	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	130	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	4,4'-DDE	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	130	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	4,4'-DDT	n/a	=	0.207	µg/L	EPA 625m	0.001	0.005	0	150	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	4,4'-DDT	n/a	=	0.2151	µg/L	EPA 625m	0.001	0.005	0	150	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	4,4'-DDT	n/a	=	92	%	EPA 625m	-88	-88	0	150	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	4,4'-DDT	n/a	=	89	%	EPA 625m	-88	-88	0	150	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	4,4'-DDT	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	4,4'-DDT	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	0	150	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	4,4'-DDT	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	0	150	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Aldrin	n/a	=	0.2386	µg/L	EPA 625m	0.001	0.005	65	141	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Aldrin	n/a	=	0.2342	µg/L	EPA 625m	0.001	0.005	65	141	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Aldrin	n/a	=	101	%	EPA 625m	-88	-88	65	141	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Aldrin	n/a	=	103	%	EPA 625m	-88	-88	65	141	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Aldrin	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	141	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Aldrin	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	141	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	alpha-BHC	n/a	=	0.234	µg/L	EPA 625m	0.001	0.005	53	140	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	alpha-BHC	n/a	=	0.2335	µg/L	EPA 625m	0.001	0.005	53	140	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	alpha-BHC	n/a	=	100	%	EPA 625m	-88	-88	53	140	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	alpha-BHC	n/a	=	101	%	EPA 625m	-88	-88	53	140	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	alpha-BHC	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	53	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	alpha-BHC	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	53	140	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	alpha-Chlordane	n/a	=	0.2331	µg/L	EPA 625m	0.001	0.005	56	145	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	alpha-Chlordane	n/a	=	0.2493	µg/L	EPA 625m	0.001	0.005	56	145	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	alpha-Chlordane	n/a	=	107	%	EPA 625m	-88	-88	56	145	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	alpha-Chlordane	n/a	=	100	%	EPA 625m	-88	-88	56	145	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	alpha-Chlordane	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	alpha-Chlordane	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	145	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	alpha-Chlordane	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	145	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	beta-BHC	n/a	=	0	µg/L	EPA 625m	0.001	0.005	48	145	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	beta-BHC	n/a	=	0	µg/L	EPA 625m	0.001	0.005	48	145	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	beta-BHC	n/a	=	0	%	EPA 625m	-88	-88	48	145	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	beta-BHC	n/a	=	0	%	EPA 625m	-88	-88	48	145	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	beta-BHC	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	48	145	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	beta-BHC	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	48	145	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Bolstar	n/a	=	0.2114	µg/L	EPA 625m	0.002	0.004	55	143	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Bolstar	n/a	=	0.1939	µg/L	EPA 625m	0.002	0.004	55	143	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Bolstar	n/a	=	83	%	EPA 625m	-88	-88	55	143	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Bolstar	n/a	=	91	%	EPA 625m	-88	-88	55	143	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Bolstar	n/a	=	9	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Bolstar	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	55	143	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Bolstar	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	55	143	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Chlorpyrifos	n/a	=	0.2229	µg/L	EPA 625m	0.001	0.002	55	137	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Chlorpyrifos	n/a	=	0.2101	µg/L	EPA 625m	0.001	0.002	55	137	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Chlorpyrifos	n/a	=	90	%	EPA 625m	-88	-88	55	137	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Chlorpyrifos	n/a	=	96	%	EPA 625m	-88	-88	55	137	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Chlorpyrifos	n/a	=	6	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Chlorpyrifos	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	55	137	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Chlorpyrifos	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	55	137	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	cis-Nonachlor	n/a	=	0.1949	µg/L	EPA 625m	0.001	0.005	69	132	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	cis-Nonachlor	n/a	=	0.2145	µg/L	EPA 625m	0.001	0.005	69	132	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	cis-Nonachlor	n/a	=	92	%	EPA 625m	-88	-88	69	132	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	cis-Nonachlor	n/a	=	84	%	EPA 625m	-88	-88	69	132	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	cis-Nonachlor	n/a	=	9	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	cis-Nonachlor	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	132	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	cis-Nonachlor	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	69	132	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	DCPA (Dacthal)	n/a	=	0.2469	µg/L	EPA 625m	0.005	0.01	63	143	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	DCPA (Dacthal)	n/a	=	0.2642	µg/L	EPA 625m	0.005	0.01	63	143	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	DCPA (Dacthal)	n/a	=	114	%	EPA 625m	-88	-88	63	143	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	DCPA (Dacthal)	n/a	=	106	%	EPA 625m	-88	-88	63	143	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	DCPA (Dacthal)	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	DCPA (Dacthal)	n/a	<	0.005	µg/L	EPA 625m	0.005	0.01	63	143	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	DCPA (Dacthal)	n/a	<	0.005	µg/L	EPA 625m	0.005	0.01	63	143	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	delta-BHC	n/a	=	0.2441	µg/L	EPA 625m	0.001	0.005	50	151	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	delta-BHC	n/a	=	0.2659	µg/L	EPA 625m	0.001	0.005	50	151	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	delta-BHC	n/a	=	114	%	EPA 625m	-88	-88	50	151	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	delta-BHC	n/a	=	105	%	EPA 625m	-88	-88	50	151	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	delta-BHC	n/a	=	8	%	EPA 625m	-88	-88	0	30	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	50	151	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	delta-BHC	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	50	151	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Demeton (Total)	n/a	=	0.1827	µg/L	EPA 625m	0.001	0.002	21	128	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Demeton (Total)	n/a	=	0.1831	µg/L	EPA 625m	0.001	0.002	21	128	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Demeton (Total)	n/a	=	79	%	EPA 625m	-88	-88	21	128	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Demeton (Total)	n/a	=	79	%	EPA 625m	-88	-88	21	128	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Demeton (Total)	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Demeton (Total)	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	21	128	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Demeton (Total)	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	21	128	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Diazinon	n/a	=	0.2223	µg/L	EPA 625m	0.002	0.004	56	134	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Diazinon	n/a	=	0.224	µg/L	EPA 625m	0.002	0.004	56	134	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Diazinon	n/a	=	96	%	EPA 625m	-88	-88	56	134	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Diazinon	n/a	=	96	%	EPA 625m	-88	-88	56	134	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Diazinon	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Diazinon	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	56	134	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Diazinon	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	56	134	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Dichlorvos	n/a	=	0.2252	µg/L	EPA 625m	0.003	0.006	59	136	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Dichlorvos	n/a	=	0.2222	µg/L	EPA 625m	0.003	0.006	59	136	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Dichlorvos	n/a	=	96	%	EPA 625m	-88	-88	59	136	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Dichlorvos	n/a	=	97	%	EPA 625m	-88	-88	59	136	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Dichlorvos	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Dichlorvos	n/a	<	0.003	µg/L	EPA 625m	0.003	0.006	59	136	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Dichlorvos	n/a	<	0.003	µg/L	EPA 625m	0.003	0.006	59	136	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Dieldrin	n/a	=	0.2332	µg/L	EPA 625m	0.001	0.005	52	149	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Dieldrin	n/a	=	0.2368	µg/L	EPA 625m	0.001	0.005	52	149	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Dieldrin	n/a	=	102	%	EPA 625m	-88	-88	52	149	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Dieldrin	n/a	=	100	%	EPA 625m	-88	-88	52	149	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Dieldrin	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	52	149	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Dieldrin	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	52	149	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Dimethoate	n/a	=	0.1713	µg/L	EPA 625m	0.003	0.006	46	149	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Dimethoate	n/a	=	0.1801	µg/L	EPA 625m	0.003	0.006	46	149	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Dimethoate	n/a	=	77	%	EPA 625m	-88	-88	46	149	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Dimethoate	n/a	=	74	%	EPA 625m	-88	-88	46	149	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Dimethoate	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Dimethoate	n/a	<	0.003	µg/L	EPA 625m	0.003	0.006	46	149	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Dimethoate	n/a	<	0.003	µg/L	EPA 625m	0.003	0.006	46	149	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Disulfoton	n/a	=	0.1959	µg/L	EPA 625m	0.001	0.002	16	118	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Disulfoton	n/a	=	0.1994	µg/L	EPA 625m	0.001	0.002	16	118	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Disulfoton	n/a	=	86	%	EPA 625m	-88	-88	16	118	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Disulfoton	n/a	=	84	%	EPA 625m	-88	-88	16	118	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Disulfoton	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Disulfoton	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	16	118	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Disulfoton	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	16	118	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Endosulfan I	n/a	=	0.242	µg/L	EPA 625m	0.001	0.005	59	145	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Endosulfan I	n/a	=	0.2467	µg/L	EPA 625m	0.001	0.005	59	145	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Endosulfan I	n/a	=	106	%	EPA 625m	-88	-88	59	145	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Endosulfan I	n/a	=	104	%	EPA 625m	-88	-88	59	145	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Endosulfan I	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	59	145	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Endosulfan I	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	59	145	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Endosulfan II	n/a	=	0.203	µg/L	EPA 625m	0.001	0.005	60	133	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Endosulfan II	n/a	=	0.2111	µg/L	EPA 625m	0.001	0.005	60	133	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Endosulfan II	n/a	=	91	%	EPA 625m	-88	-88	60	133	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Endosulfan II	n/a	=	87	%	EPA 625m	-88	-88	60	133	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Endosulfan II	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	133	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Endosulfan II	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	133	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Endosulfan sulfate	n/a	=	0.2079	µg/L	EPA 625m	0.001	0.005	57	142	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Endosulfan sulfate	n/a	=	0.2156	µg/L	EPA 625m	0.001	0.005	57	142	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Endosulfan sulfate	n/a	=	93	%	EPA 625m	-88	-88	57	142	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Endosulfan sulfate	n/a	=	89	%	EPA 625m	-88	-88	57	142	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Endosulfan sulfate	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	57	142	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Endosulfan sulfate	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	57	142	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Endrin	n/a	=	0.2344	µg/L	EPA 625m	0.001	0.005	56	145	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Endrin	n/a	=	0.2524	µg/L	EPA 625m	0.001	0.005	56	145	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Endrin	n/a	=	109	%	EPA 625m	-88	-88	56	145	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Endrin	n/a	=	101	%	EPA 625m	-88	-88	56	145	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Endrin	n/a	=	8	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	145	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Endrin	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	145	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Endrin aldehyde	n/a	=	0.207	µg/L	EPA 625m	0.001	0.005	33	138	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Endrin aldehyde	n/a	=	0.1902	µg/L	EPA 625m	0.001	0.005	33	138	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Endrin aldehyde	n/a	=	82	%	EPA 625m	-88	-88	33	138	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Endrin aldehyde	n/a	=	89	%	EPA 625m	-88	-88	33	138	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Endrin aldehyde	n/a	=	8	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	33	138	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Endrin aldehyde	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	33	138	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Endrin ketone	n/a	=	0.1797	µg/L	EPA 625m	0.001	0.005	54	143	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Endrin ketone	n/a	=	0.2033	µg/L	EPA 625m	0.001	0.005	54	143	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Endrin ketone	n/a	=	87	%	EPA 625m	-88	-88	54	143	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Endrin ketone	n/a	=	77	%	EPA 625m	-88	-88	54	143	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Endrin ketone	n/a	=	12	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Endrin ketone	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	54	143	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Endrin ketone	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	54	143	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Ethoprop	n/a	=	0.209	µg/L	EPA 625m	0.001	0.002	55	141	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Ethoprop	n/a	=	0.1955	µg/L	EPA 625m	0.001	0.002	55	141	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Ethoprop	n/a	=	84	%	EPA 625m	-88	-88	55	141	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Ethoprop	n/a	=	90	%	EPA 625m	-88	-88	55	141	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Ethoprop	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Ethoprop	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	55	141	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Ethoprop	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	55	141	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Fensulfothion	n/a	=	0.1791	µg/L	EPA 625m	0.001	0.002	54	150	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Fensulfothion	n/a	=	0.1813	µg/L	EPA 625m	0.001	0.002	54	150	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Fensulfothion	n/a	=	78	%	EPA 625m	-88	-88	54	150	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Fensulfothion	n/a	=	77	%	EPA 625m	-88	-88	54	150	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Fensulfothion	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Fensulfothion	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	54	150	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Fensulfothion	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	54	150	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Fenthion	n/a	=	0.2067	µg/L	EPA 625m	0.002	0.004	52	128	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Fenthion	n/a	=	0.215	µg/L	EPA 625m	0.002	0.004	52	128	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Fenthion	n/a	=	92	%	EPA 625m	-88	-88	52	128	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Fenthion	n/a	=	89	%	EPA 625m	-88	-88	52	128	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Fenthion	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Fenthion	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	52	128	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Fenthion	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	52	128	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	0.235	µg/L	EPA 625m	0.001	0.005	56	138	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	0.2412	µg/L	EPA 625m	0.001	0.005	56	138	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	104	%	EPA 625m	-88	-88	56	138	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	101	%	EPA 625m	-88	-88	56	138	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	gamma-BHC (Lindane)	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	138	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	gamma-BHC (Lindane)	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	56	138	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	gamma-Chlordane	n/a	=	0.2394	µg/L	EPA 625m	0.001	0.005	70	136	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	gamma-Chlordane	n/a	=	0.2444	µg/L	EPA 625m	0.001	0.005	70	136	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	gamma-Chlordane	n/a	=	105	%	EPA 625m	-88	-88	70	136	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	gamma-Chlordane	n/a	=	103	%	EPA 625m	-88	-88	70	136	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	gamma-Chlordane	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	gamma-Chlordane	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	136	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	gamma-Chlordane	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	70	136	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Heptachlor	n/a	=	0.2331	µg/L	EPA 625m	0.001	0.005	60	146	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Heptachlor	n/a	=	0.2357	µg/L	EPA 625m	0.001	0.005	60	146	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Heptachlor	n/a	=	101	%	EPA 625m	-88	-88	60	146	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Heptachlor	n/a	=	100	%	EPA 625m	-88	-88	60	146	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Heptachlor	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	146	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Heptachlor	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	60	146	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Heptachlor epoxide	n/a	=	0.2383	µg/L	EPA 625m	0.001	0.005	64	140	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Heptachlor epoxide	n/a	=	0.221	µg/L	EPA 625m	0.001	0.005	64	140	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Heptachlor epoxide	n/a	=	95	%	EPA 625m	-88	-88	64	140	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Heptachlor epoxide	n/a	=	102	%	EPA 625m	-88	-88	64	140	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Heptachlor epoxide	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	140	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Heptachlor epoxide	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	140	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Malathion	n/a	=	0.2005	µg/L	EPA 625m	0.003	0.006	64	142	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Malathion	n/a	=	0.198	µg/L	EPA 625m	0.003	0.006	64	142	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Malathion	n/a	=	85	%	EPA 625m	-88	-88	64	142	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Malathion	n/a	=	86	%	EPA 625m	-88	-88	64	142	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Malathion	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Malathion	n/a	<	0.003	µg/L	EPA 625m	0.003	0.006	64	142	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Malathion	n/a	<	0.003	µg/L	EPA 625m	0.003	0.006	64	142	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Merphos	n/a	=	0.1809	µg/L	EPA 625m	0.001	0.002	45	135	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Merphos	n/a	=	0.1851	µg/L	EPA 625m	0.001	0.002	45	135	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Merphos	n/a	=	80	%	EPA 625m	-88	-88	45	135	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Merphos	n/a	=	78	%	EPA 625m	-88	-88	45	135	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Merphos	n/a	=	3	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Merphos	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	45	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Merphos	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	45	135	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Methamidophos	n/a	=	0	µg/L	EPA 625m	0.05	0.1	0	211	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Methamidophos	n/a	=	0	µg/L	EPA 625m	0.05	0.1	0	211	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Methamidophos	n/a	=	0	%	EPA 625m	-88	-88	0	211	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Methamidophos	n/a	=	0	%	EPA 625m	-88	-88	0	211	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Methamidophos	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Methamidophos	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	0	211	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Methamidophos	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	0	211	
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Methoxychlor	n/a	=	0.1932	µg/L	EPA 625m	0.001	0.005	34	143	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Methoxychlor	n/a	=	0.2018	µg/L	EPA 625m	0.001	0.005	34	143	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Methoxychlor	n/a	=	87	%	EPA 625m	-88	-88	34	143	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Methoxychlor	n/a	=	83	%	EPA 625m	-88	-88	34	143	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Methoxychlor	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Methoxychlor	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	34	143	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Methoxychlor	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	34	143	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Methyl parathion	n/a	=	0.1851	µg/L	EPA 625m	0.001	0.002	49	141	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Methyl parathion	n/a	=	0.2003	µg/L	EPA 625m	0.001	0.002	49	141	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Methyl parathion	n/a	=	86	%	EPA 625m	-88	-88	49	141	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Methyl parathion	n/a	=	80	%	EPA 625m	-88	-88	49	141	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Methyl parathion	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Methyl parathion	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	49	141	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Methyl parathion	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	49	141	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Mevinphos	n/a	=	0.206	µg/L	EPA 625m	0.008	0.016	61	141	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Mevinphos	n/a	=	0.2061	µg/L	EPA 625m	0.008	0.016	61	141	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Mevinphos	n/a	=	89	%	EPA 625m	-88	-88	61	141	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Mevinphos	n/a	=	89	%	EPA 625m	-88	-88	61	141	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Mevinphos	n/a	=	0	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Mevinphos	n/a	<	0.008	µg/L	EPA 625m	0.008	0.016	61	141	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Mevinphos	n/a	<	0.008	µg/L	EPA 625m	0.008	0.016	61	141	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Mirex	n/a	=	0.19	µg/L	EPA 625m	0.001	0.005	51	138	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Mirex	n/a	=	0.2051	µg/L	EPA 625m	0.001	0.005	51	138	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Mirex	n/a	=	88	%	EPA 625m	-88	-88	51	138	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Mirex	n/a	=	82	%	EPA 625m	-88	-88	51	138	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Mirex	n/a	=	7	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Mirex	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	51	138	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Mirex	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	51	138	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Oxychlordane	n/a	=	0.2626	µg/L	EPA 625m	0.001	0.005	64	142	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Oxychlordane	n/a	=	0.2361	µg/L	EPA 625m	0.001	0.005	64	142	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Oxychlordane	n/a	=	102	%	EPA 625m	-88	-88	64	142	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Oxychlordane	n/a	=	113	%	EPA 625m	-88	-88	64	142	x

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Oxychlordane	n/a	=	10	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Oxychlordane	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	142	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Oxychlordane	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	64	142	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Pentachlorophenol	n/a	=	1.9549	µg/L	EPA 625m	0.05	0.1	0	169	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Pentachlorophenol	n/a	=	1.666	µg/L	EPA 625m	0.05	0.1	0	169	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Pentachlorophenol	n/a	=	72	%	EPA 625m	-88	-88	0	169	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Pentachlorophenol	n/a	=	84	%	EPA 625m	-88	-88	0	169	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Pentachlorophenol	n/a	=	15	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	0	169	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Pentachlorophenol	n/a	<	0.05	µg/L	EPA 625m	0.05	0.1	0	169	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Phorate	n/a	=	0.2019	µg/L	EPA 625m	0.006	0.012	47	119	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Phorate	n/a	=	0.2059	µg/L	EPA 625m	0.006	0.012	47	119	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Phorate	n/a	=	89	%	EPA 625m	-88	-88	47	119	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Phorate	n/a	=	87	%	EPA 625m	-88	-88	47	119	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Phorate	n/a	=	2	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Phorate	n/a	<	0.006	µg/L	EPA 625m	0.006	0.012	47	119	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Phorate	n/a	<	0.006	µg/L	EPA 625m	0.006	0.012	47	119	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.2069	µg/L	EPA 625m	0.002	0.004	59	135	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	0.2099	µg/L	EPA 625m	0.002	0.004	59	135	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	90	%	EPA 625m	-88	-88	59	135	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	89	%	EPA 625m	-88	-88	59	135	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	59	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Ronnel (Fenchlorphos)	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	59	135	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.2264	µg/L	EPA 625m	0.002	0.004	65	146	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	0.2281	µg/L	EPA 625m	0.002	0.004	65	146	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	98	%	EPA 625m	-88	-88	65	146	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	97	%	EPA 625m	-88	-88	65	146	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	65	146	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Stirophos (Tetrachlorvinphos)	n/a	<	0.002	µg/L	EPA 625m	0.002	0.004	65	146	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Tokuthion	n/a	=	0.1937	µg/L	EPA 625m	0.003	0.006	61	135	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Tokuthion	n/a	=	0.1993	µg/L	EPA 625m	0.003	0.006	61	135	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Tokuthion	n/a	=	86	%	EPA 625m	-88	-88	61	135	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Tokuthion	n/a	=	83	%	EPA 625m	-88	-88	61	135	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Tokuthion	n/a	=	4	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Tokuthion	n/a	<	0.003	µg/L	EPA 625m	0.003	0.006	61	135	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Tokuthion	n/a	<	0.003	µg/L	EPA 625m	0.003	0.006	61	135	x
2009/10-PRE	Lab	LCS	8/7/2009	Pesticide	Toxaphene	n/a	=	0.6183	µg/L	EPA 625m	0.01	0.05	65	135	x
2009/10-PRE	Lab	LCS dup	8/7/2009	Pesticide	Toxaphene	n/a	=	0.5867	µg/L	EPA 625m	0.01	0.05	65	135	x
2009/10-PRE	Lab	LCS dup, rec	8/7/2009	Pesticide	Toxaphene	n/a	=	101	%	EPA 625m	-88	-88	65	135	x
2009/10-PRE	Lab	LCS, rec	8/7/2009	Pesticide	Toxaphene	n/a	=	106	%	EPA 625m	-88	-88	65	135	x
2009/10-PRE	Lab	LCS, RPD	8/7/2009	Pesticide	Toxaphene	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/7/2009	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625m	0.01	0.05	65	135	x
2009/10-PRE	Tubing Blank	equip blank	8/7/2009	Pesticide	Toxaphene	n/a	<	0.01	µg/L	EPA 625m	0.01	0.05	65	135	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	trans-Nonachlor	n/a	=	0.2441	µg/L	EPA 625m	0.001	0.005	65	138	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	trans-Nonachlor	n/a	=	0.2332	µg/L	EPA 625m	0.001	0.005	65	138	x

2009/10 Laboratory QA/QC Analysis Results

Event ID	Site ID	QAQC Sample Type	Analysis Date	Classification	Constituent	Fraction	Sign	Result	Units	Method	MDL	RL	QA Limit		DQOComp
													Min	Max	
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	trans-Nonachlor	n/a	=	100	%	EPA 625m	-88	-88	65	138	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	trans-Nonachlor	n/a	=	105	%	EPA 625m	-88	-88	65	138	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	trans-Nonachlor	n/a	=	5	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	trans-Nonachlor	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	138	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	trans-Nonachlor	n/a	<	0.001	µg/L	EPA 625m	0.001	0.005	65	138	x
2009/10-PRE	Lab	LCS	8/1/2009	Pesticide	Trichloronate	n/a	=	0.2064	µg/L	EPA 625m	0.001	0.002	53	136	x
2009/10-PRE	Lab	LCS dup	8/1/2009	Pesticide	Trichloronate	n/a	=	0.2057	µg/L	EPA 625m	0.001	0.002	53	136	x
2009/10-PRE	Lab	LCS dup, rec	8/1/2009	Pesticide	Trichloronate	n/a	=	88	%	EPA 625m	-88	-88	53	136	x
2009/10-PRE	Lab	LCS, rec	8/1/2009	Pesticide	Trichloronate	n/a	=	89	%	EPA 625m	-88	-88	53	136	x
2009/10-PRE	Lab	LCS, RPD	8/1/2009	Pesticide	Trichloronate	n/a	=	1	%	EPA 625m	-88	-88	0	30	x
2009/10-PRE	Lab	method blank	8/1/2009	Pesticide	Trichloronate	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	53	136	x
2009/10-PRE	Tubing Blank	equip blank	8/1/2009	Pesticide	Trichloronate	n/a	<	0.001	µg/L	EPA 625m	0.001	0.002	53	136	x

Appendix G. Laboratory Environmental Analysis Results

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-1	Wet	3/2009 6:45:00	4/2009 8:10:00	E. Coli	n/a	=	388	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-CC	2009/10-1	Wet	3/2009 6:45:00	5/2009 2:20:00	Enterococcus	n/a	=	137	MPN/100 mL	Enterolert	10	10	VCHCA	X
ME-CC	2009/10-1	Wet	3/2009 6:45:00	8/2009 1:20:00	Fecal Coliform	n/a	=	500	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-CC	2009/10-1	Wet	3/2009 6:45:00	8/2009 1:20:00	Total Coliform	n/a	=	38730	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
ME-CC	2009/10-1	Wet	3/2009 6:45:00	10/22/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-CC	2009/10-1	Wet	3/2009 6:45:00	10/15/2009	pH	n/a	=	7.92	pH Units	SM 4500-H+ B	0.1	0.1	WKL	X
ME-CC	2009/10-1	Wet	3/2009 6:45:00	10/16/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-CC	2009/10-1	Wet	3/2009 6:45:00	10/21/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-CC	2009/10-1	Wet	3/2009 6:45:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
ME-CC	2009/10-1	Wet	3/2009 6:45:00	10/15/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-CC	2009/10-1	Wet	3/2009 6:45:00	10/15/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/17/2009	Chloride	n/a	=	190	mg/L	EPA 300.0	0.79	5	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/17/2009	Fluoride	n/a	=	0.44	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/19/2009	Perchlorate	n/a	<	4.1	µg/L	EPA 314.0	4.1	10	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/21/2009	Calcium	Total	=	91	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/21/2009	Magnesium	Total	=	52	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/19/2009	Alkalinity as CaCO3	n/a	=	220	mg/L	SM 2320 B	-88	2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	BOD	n/a	=	28	mg/L	SM 5210 B	0.1	2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/17/2009	COD	n/a	=	83	mg/L	EPA 410.4	1.8	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/21/2009	Hardness as CaCO3	Total	=	440	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/15/2009	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/26/2009	Phenolics	n/a	=	0.045	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	11/11/2009	Specific Conductance	n/a	=	1400	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	4/2009 5:12:00	Total Chlorine Residual	n/a	<	0.0016	mg/L	SM 4500-Cl G	0.0016	0.05	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Total Dissolved Solids	n/a	=	960	mg/L	SM 2540 C	4	10	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Total Organic Carbon	n/a	=	19	mg/L	SM 5310 C	0.32	3	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/19/2009	Total Suspended Solids	n/a	=	520	mg/L	SM 2540 D	5	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/15/2009	Turbidity	n/a	=	31	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/19/2009	Volatile Suspended Solids	n/a	=	85	mg/L	EPA 160.4	-88	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Aluminum	Dissolved	<	0.19	µg/L	EPA 200.8	0.19	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Aluminum	Total	=	4100	µg/L	EPA 200.8	0.95	25	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Antimony	Dissolved	=	0.87	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Antimony	Total	=	1.5	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Arsenic	Dissolved	=	3.3	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Arsenic	Total	=	5.1	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Barium	Dissolved	=	34	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Barium	Total	=	69	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Beryllium	Total	=	0.16	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Cadmium	Dissolved	=	0.27	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Cadmium	Total	=	0.59	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Chromium	Dissolved	=	0.41	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Chromium	Total	=	21	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Copper	Dissolved	=	4	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Copper	Total	=	13	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Iron	Dissolved	=	33	µg/L	EPA 200.8	0.6	20	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Iron	Total	=	7700	µg/L	EPA 200.8	0.6	20	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Lead	Total	=	3.7	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Nickel	Dissolved	=	9	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Nickel	Total	=	23	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Selenium	Dissolved	=	2.1	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Selenium	Total	=	3.9	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Zinc	Dissolved	=	14	µg/L	EPA 200.8	0.3	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Zinc	Total	=	42	µg/L	EPA 200.8	0.3	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/27/2009	Ammonia as N	n/a	=	0.48	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/15/2009	Nitrate + Nitrite as N	n/a	=	9	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/15/2009	Nitrate as N	n/a	=	8.9	mg/L	EPA 353.2	0.022	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Phosphorus as P	Dissolved	=	1.7	mg/L	EPA 365.1	0.014	0.1	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/23/2009	Phosphorus as P	Total	=	2.4	mg/L	EPA 365.1	0.028	0.2	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/26/2009	TKN	n/a	=	3.1	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	2,4,6-Trichlorophenol	n/a	<	0.88	µg/L	EPA 625	0.88	10	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	2,4-Dichlorophenol	n/a	<	0.77	µg/L	EPA 625	0.77	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	2,4-Dimethylphenol	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	2-Chlorophenol	n/a	<	0.71	µg/L	EPA 625	0.71	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	2-Nitrophenol	n/a	<	0.84	µg/L	EPA 625	0.84	10	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.33	µg/L	EPA 625	0.33	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	4-Chloro-3-methylphenol	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	4-Nitrophenol	n/a	<	6.7	µg/L	EPA 625	6.7	10	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Acenaphthene	n/a	<	0.31	µg/L	EPA 625	0.31	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Acenaphthylene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Anthracene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Benzo(a)pyrene	n/a	<	0.091	µg/L	EPA 525.2	0.091	0.12	WKL	EUM,IL
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Benzo(b)fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Benzo(g,h,i)perylene	n/a	<	0.31	µg/L	EPA 625	0.31	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Benzo(k)fluoranthene	n/a	<	0.23	µg/L	EPA 625	0.23	10	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.29	µg/L	EPA 525.2	0.29	6.2	WKL	EUM,IL
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Bis(2-ethylhexyl)phthalate	n/a	=	22	µg/L	EPA 525.2	1.3	3.7	WKL	EUM,IL
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Chrysene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Dibenz(a,h)anthracene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Fluorene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	IL
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Naphthalene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Phenanthrene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Phenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/24/2009	Pyrene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Alachlor	n/a	<	0.087	µg/L	EPA 525.2	0.087	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Atrazine	n/a	<	0.059	µg/L	EPA 525.2	0.059	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D,EUM
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	EU
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Bromacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	1.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.25	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Captan	n/a	<	1.1	µg/L	EPA 525.2	1.1	1.2	WKL	IL
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	-88	1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Chloropropham	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D,EUM
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Cyanazine	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	DCPA (Dacthal)	n/a	=	3	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Diphenamid	n/a	<	0.025	µg/L	EPA 525.2	0.025	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	EPTC	n/a	<	0.29	µg/L	EPA 525.2	0.29	1.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D,EUM
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Ethyl parathion	n/a	<	0.0002	µg/L	EPA 525.2	0.0002	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D,EUM
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Glyphosate	n/a	=	31	µg/L	EPA 547m	1.8	5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,EUM

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Metolachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Metribuzin	n/a	<	0.092	µg/L	EPA 525.2	0.092	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D,EUM
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Molinate	n/a	<	0.064	µg/L	EPA 525.2	0.064	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/16/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Prometon	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.25	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Prometryn	n/a	=	1.1	µg/L	EPA 525.2	0.092	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,EUM
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Simazine	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.12	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Terbacil	n/a	<	0.69	µg/L	EPA 525.2	0.69	2.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Thiobencarb	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.25	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D,EUM
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/22/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/29/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-CC	2009/10-1	Wet	4/2009 11:00:00	10/20/2009	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.12	WKL	EUM
ME-CC	2009/10-2	Wet	12/7/2009	12/8/2009	E. Coli	n/a	=	3873	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-CC	2009/10-2	Wet	12/7/2009	12/8/2009	Enterococcus	n/a	=	6240	MPN/100 mL	Enterolert	100	100	VCHCA	X
ME-CC	2009/10-2	Wet	12/7/2009	12/11/2009	Fecal Coliform	n/a	=	9000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-CC	2009/10-2	Wet	12/7/2009	12/8/2009	Total Coliform	n/a	=	141360	MPN/100 mL	MMO-MUG	100	100	VCHCA	X
ME-CC	2009/10-2	Wet	7/2009 12:00:00	12/10/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-CC	2009/10-2	Wet	7/2009 12:00:00	12/8/2009	pH	n/a	=	7.65	pH Units	SM 4500-H+ B	0.1	0.1	WKL	D
ME-CC	2009/10-2	Wet	7/2009 12:00:00	12/22/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-CC	2009/10-2	Wet	7/2009 12:00:00	12/22/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-CC	2009/10-2	Wet	7/2009 12:00:00	12/18/2009	Mercury	Total	DNQ	21	ng/L	EPA 245.1	3.9	50	WKL	D
ME-CC	2009/10-2	Wet	7/2009 12:00:00	12/9/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-CC	2009/10-2	Wet	7/2009 12:00:00	12/9/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/11/2009	Chloride	n/a	=	79	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/11/2009	Fluoride	n/a	=	0.24	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/16/2009	Calcium	Total	=	52	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/16/2009	Magnesium	Total	=	28	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/10/2009	Alkalinity as CaCO3	n/a	=	100	mg/L	SM 2320 B	1.2	2	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/14/2009	BOD	n/a	=	18	mg/L	SM 5210 B	0.1	2	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/10/2009	COD	n/a	=	62	mg/L	EPA 410.4	1.8	5	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/16/2009	Hardness as CaCO3	Total	=	240	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/10/2009	MBAS	n/a	DNQ	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	D
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/18/2009	Phenolics	n/a	=	0.08	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/9/2009	Specific Conductance	n/a	=	750	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/12/2009	Total Dissolved Solids	n/a	=	450	mg/L	SM 2540 C	4	10	WKL	X
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/23/2009	Total Organic Carbon	n/a	=	11	mg/L	SM 5310 C	0.32	3	WKL	D
ME-CC	2009/10-2	Wet	8/2009 12:15:00	12/12/2009	Total Suspended Solids	n/a	=	620	mg/L	SM 2540 D	5	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/9/2009	Turbidity	n/a	=	39	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/12/2009	Volatile Suspended Solids	n/a	=	120	mg/L	EPA 160.4	3.1	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Aluminum	Dissolved	=	20	µg/L	EPA 200.8	0.19	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Aluminum	Total	=	6500	µg/L	EPA 200.8	0.19	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Antimony	Dissolved	=	0.73	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Antimony	Total	=	0.8	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Arsenic	Dissolved	=	2.8	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Arsenic	Total	=	5.5	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Barium	Total	=	97	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Beryllium	Total	=	0.33	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Cadmium	Dissolved	=	0.17	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Cadmium	Total	=	1	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Chromium	Dissolved	=	0.46	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Chromium	Total	=	20	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/10/2009	Chromium VI	n/a	=	0.31	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Copper	Dissolved	=	5.2	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Copper	Total	=	29	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Iron	Dissolved	=	42	µg/L	EPA 200.8	0.6	20	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Iron	Total	=	11000	µg/L	EPA 200.8	0.6	20	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Lead	Dissolved	DNQ	0.13	µg/L	EPA 200.8	0.017	0.2	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Lead	Total	=	13	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Mercury	Dissolved	DNQ	5	ng/L	EPA 245.1	3.9	50	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Mercury	Total	DNQ	43	ng/L	EPA 245.1	3.9	50	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Nickel	Dissolved	=	4.6	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Nickel	Total	=	23	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Selenium	Dissolved	=	0.93	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Selenium	Total	=	3.3	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Silver	Dissolved	DNQ	0.034	µg/L	EPA 200.8	0.008	0.2	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Silver	Total	DNQ	0.19	µg/L	EPA 200.8	0.008	0.2	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Thallium	Total	DNQ	0.14	µg/L	EPA 200.8	0.02	0.2	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Zinc	Dissolved	=	11	µg/L	EPA 200.8	0.3	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/16/2009	Zinc	Total	=	91	µg/L	EPA 200.8	0.3	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Ammonia as N	n/a	=	0.42	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/9/2009	Nitrate + Nitrite as N	n/a	=	4.1	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/9/2009	Nitrate as N	n/a	=	4.1	mg/L	EPA 353.2	0.022	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	Phosphorus as P	Dissolved	=	2	mg/L	EPA 365.1	0.07	0.5	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	Phosphorus as P	Total	=	2.3	mg/L	EPA 365.1	0.07	0.5	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/17/2009	TKN	n/a	=	3.3	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	2,4,6-Trichlorophenol	n/a	DNQ	0.8	µg/L	EPA 8270Cm	0.3	1	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	2,4-Dichlorophenol	n/a	DNQ	0.57	µg/L	EPA 8270Cm	0.51	1	WKL	D

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Bis(2-ethylhexyl)adipate	n/a	DNQ	2.1	µg/L	EPA 525.2	0.23	5	WKL	GN,J
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Bis(2-ethylhexyl)phthalate	n/a	=	3.4	µg/L	EPA 525.2	1.1	3	WKL	GN,J
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Diethyl phthalate	n/a	DNQ	0.28	µg/L	EPA 625	0.23	2	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-2	Wet	3/2009 12:15:00	1/4/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/22/2009	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/18/2009	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	2,4'-DDT	n/a	=	0.016	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	4,4'-DDE	n/a	=	0.09	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	4,4'-DDT	n/a	=	0.043	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	1	1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	DCPA (Dacthal)	n/a	=	4	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Dimethoate	n/a	=	0.024	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/14/2009	Glyphosate	n/a	=	19	µg/L	EPA 547	1.8	5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Malathion	n/a	=	3.5	µg/L	EPA 525.2	0.015	0.02	WKL	CJ,D,IL
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/11/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,IL
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	GN
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/21/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/27/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-CC	2009/10-2	Wet	3/2009 12:15:00	12/15/2009	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	GN
ME-CC	2009/10-3	Wet	/2010 11:50:00	/2010 11:00:00	E. Coli	n/a	=	1046	MPN/100 mL	MMO-MUG	10	10	VCHCA	D
ME-CC	2009/10-3	Wet	/2010 11:50:00	5/2010 4:30:00	Enterococcus	n/a	=	1110	MPN/100 mL	Enterolert	100	100	VCHCA	D

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-3	Wet	/2010 11:50:00	0/2010 2:50:00 P	Fecal Coliform	n/a	=	3000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-CC	2009/10-3	Wet	/2010 11:50:00	/2010 11:00:00 A	Total Coliform	n/a	=	365400	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
ME-CC	2009/10-3	Wet	/2010 11:50:00 A	2/17/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-CC	2009/10-3	Wet	/2010 11:50:00	5/2010 5:00:00 P	pH	n/a	=	7.74	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
ME-CC	2009/10-3	Wet	/2010 11:50:00 A	2/17/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 11:50:00 A	2/17/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 11:50:00 A	2/19/2010	Mercury	Total	=	86	ng/L	EPA 245.1	3.9	50	WKL	X
ME-CC	2009/10-3	Wet	/2010 11:50:00 A	2/9/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 11:50:00 A	2/9/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/12/2010	Chloride	n/a	=	60	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/12/2010	Fluoride	n/a	=	0.22	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/10/2010	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/12/2010	Calcium	Total	=	48	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/12/2010	Magnesium	Total	=	25	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/9/2010	Alkalinity as CaCO3	n/a	=	100	mg/L	SM 2320 B	1.2	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	BOD	n/a	=	5.3	mg/L	SM 5210 B	0.1	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/11/2010	COD	n/a	=	36	mg/L	EPA 410.4	1.8	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/12/2010	Hardness as CaCO3	Total	=	220	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/8/2010	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	GB
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Phenolics	n/a	<	0.0016	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/9/2010	Specific Conductance	n/a	=	580	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	0/2010 7:23:00 P	Total Chlorine Residual	n/a	DNQ	0.037	mg/L	SM 4500-Cl G	0.016	0.5	WKL	BV,D
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/13/2010	Total Dissolved Solids	n/a	=	340	mg/L	SM 2540 C	4	10	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Total Organic Carbon	n/a	=	4.6	mg/L	SM 5310 C	0.13	1.2	WKL	D
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/13/2010	Total Suspended Solids	n/a	=	920	mg/L	SM 2540 D	5	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/8/2010	Turbidity	n/a	=	340	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/13/2010	Volatile Suspended Solids	n/a	=	100	mg/L	EPA 160.4	3.1	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Aluminum	Dissolved	=	16	µg/L	EPA 200.8	0.19	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Aluminum	Total	=	9000	µg/L	EPA 200.8	0.19	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Antimony	Dissolved	=	0.69	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Antimony	Total	=	0.83	µg/L	EPA 200.8	0.008	0.5	WKL	GB
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Arsenic	Dissolved	=	2.1	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Arsenic	Total	=	5.4	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Barium	Total	=	110	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Beryllium	Total	=	0.44	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Cadmium	Dissolved	=	0.17	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Cadmium	Total	=	1	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Chromium	Dissolved	=	0.59	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Chromium	Total	=	24	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/10/2010	Chromium VI	n/a	DNQ	0.26	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/19/2010	Copper	Dissolved	=	5.6	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Copper	Total	=	30	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Iron	Dissolved	=	45	µg/L	EPA 200.8	0.6	20	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Iron	Total	=	14000	µg/L	EPA 200.8	0.6	20	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Lead	Dissolved	DNQ	0.05	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Lead	Total	=	9.3	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Mercury	Dissolved	=	52	ng/L	EPA 245.1	3.9	50	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Mercury	Total	=	71	ng/L	EPA 245.1	3.9	50	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Nickel	Dissolved	=	2.5	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Nickel	Total	=	24	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Selenium	Dissolved	=	1.2	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Selenium	Total	=	1.7	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Silver	Dissolved	DNQ	0.04	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Silver	Total	DNQ	0.09	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Thallium	Total	DNQ	0.12	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Zinc	Dissolved	=	8.7	µg/L	EPA 200.8	0.3	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Zinc	Total	=	79	µg/L	EPA 200.8	0.3	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Ammonia as N	n/a	=	0.15	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/8/2010	Nitrate + Nitrite as N	n/a	=	2.5	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/8/2010	Nitrate as N	n/a	=	2.5	mg/L	EPA 353.2	0.022	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Phosphorus as P	Dissolved	=	1.4	mg/L	EPA 365.1	0.014	0.1	WKL	D
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/18/2010	Phosphorus as P	Total	=	1.8	mg/L	EPA 365.1	0.035	0.25	WKL	D
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/12/2010	TKN	n/a	=	3.9	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	2,4,6-Trichlorophenol	n/a	DNQ	0.79	µg/L	EPA 8270Cm	0.3	1	WKL	EUM
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	3-/4-Methylphenol	n/a	DNQ	0.37	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Di-n-butylphthalate	n/a	DNQ	0.74	µg/L	EPA 625	0.53	5	WKL	EUM
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/20/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/16/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	IL
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	2,4'-DDT	n/a	=	0.012	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	4,4'-DDE	n/a	DNQ	0.031	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	4,4'-DDT	n/a	=	0.024	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	alpha-Chlordane	n/a	<	0.0013	µg/L	EPA 608	0.0013	0.01	WKL	EU
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	IL
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	DCPA (Dacthal)	n/a	=	2.5	µg/L	EPA 515.3	0.02	0.1	WKL	GB
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	gamma-Chlordane	n/a	<	0.0014	µg/L	EPA 608	0.0014	0.01	WKL	EU
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/8/2010	Glyphosate	n/a	=	5.7	µg/L	EPA 547	1.8	5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Malathion	n/a	=	0.084	µg/L	EPA 525.2	0.0076	0.01	WKL	IL
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/23/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Prometryn	n/a	=	0.15	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/4/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	3/3/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-CC	2009/10-3	Wet	/2010 12:55:00	2/17/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	/2010 11:15:00	E. Coli	n/a	=	74	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	8/2010 3:45:00	Enterococcus	n/a	=	20	MPN/100 mL	Enterolert	10	10	VCHCA	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	1/2010 1:30:00	Fecal Coliform	n/a	=	30	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	1/2010 1:30:00	Total Coliform	n/a	=	9804	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	3/26/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	8/2010 4:00:00	pH	n/a	=	8	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
ME-CC	2009/10-4	Dry	7/2010 12:15:00	3/23/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	3/23/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	3/24/2010	Mercury	Total	DNQ	13	ng/L	EPA 245.1	3.9	50	WKL	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	3/19/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-CC	2009/10-4	Dry	7/2010 12:15:00	3/19/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/23/2010	Chloride	n/a	=	220	mg/L	EPA 300.0	0.79	5	WKL	D
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/23/2010	Fluoride	n/a	=	0.44	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/31/2010	Perchlorate	n/a	<	1.6	µg/L	EPA 314.0	1.6	4	WKL	D
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/26/2010	Calcium	Total	=	110	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/26/2010	Magnesium	Total	=	60	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/22/2010	Alkalinity as CaCO3	n/a	=	280	mg/L	SM 2320 B	1.2	10	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/24/2010	BOD	n/a	DNQ	1.3	mg/L	SM 5210 B	0.1	2	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/23/2010	COD	n/a	=	17	mg/L	EPA 410.4	1.8	5	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/26/2010	Hardness as CaCO3	Total	=	510	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	8/2010 5:53:00	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/31/2010	Phenolics	n/a	=	0.04	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/22/2010	Specific Conductance	n/a	=	1800	µmhos/cm	SM 2510 B	0.47	4	WKL	D
ME-CC	2009/10-4	Dry	9/2010 11:20:00	8/2010 6:37:00	Total Chlorine Residual	n/a	DNQ	0.004	mg/L	SM 4500-Cl G	0.0016	0.05	WKL	D,BV
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/22/2010	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10	WKL	X
ME-CC	2009/10-4	Dry	9/2010 11:20:00	3/24/2010	Total Organic Carbon	n/a	=	4.7	mg/L	SM 5310 C	0.13	1.2	WKL	D

2009/10 Laboratory Environmental Analysis Results

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ME-CC	2009/10-4	Dry	/2010 11:20:00	3/22/2010	Total Suspended Solids	n/a	=	15	mg/L	SM 2540 D	5	5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/19/2010	Turbidity	n/a	=	11	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/23/2010	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Aluminum	Dissolved	DNQ	2.2	µg/L	EPA 200.8	0.19	5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Aluminum	Total	=	180	µg/L	EPA 200.8	0.19	5	WKL	GB,IL
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Antimony	Dissolved	=	0.69	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Antimony	Total	DNQ	0.47	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Arsenic	Dissolved	=	3.7	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Arsenic	Total	=	3.7	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Barium	Total	=	43	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Cadmium	Dissolved	=	0.28	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Cadmium	Total	=	0.3	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Chromium	Dissolved	=	0.42	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Chromium	Total	=	1.1	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/19/2010	Chromium VI	n/a	=	0.38	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Copper	Dissolved	=	3.6	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Copper	Total	=	4.6	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Iron	Dissolved	DNQ	8.3	µg/L	EPA 200.8	0.6	20	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Iron	Total	=	300	µg/L	EPA 200.8	0.6	20	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Lead	Dissolved	DNQ	0.063	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Lead	Total	=	0.41	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Mercury	Dissolved	DNQ	41	ng/L	EPA 245.1	3.9	50	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Mercury	Total	DNQ	48	ng/L	EPA 245.1	3.9	50	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Nickel	Dissolved	=	6.6	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Nickel	Total	=	7.2	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Selenium	Dissolved	=	2	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Selenium	Total	=	1.7	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Silver	Dissolved	DNQ	0.019	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Silver	Total	DNQ	0.01	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Thallium	Dissolved	DNQ	0.023	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Zinc	Dissolved	=	14	µg/L	EPA 200.8	0.3	5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	Zinc	Total	=	16	µg/L	EPA 200.8	0.3	5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	4/8/2010	Ammonia as N	n/a	=	0.13	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/19/2010	Nitrate + Nitrite as N	n/a	=	9.9	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/19/2010	Nitrate as N	n/a	=	9.8	mg/L	EPA 353.2	0.022	0.1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/29/2010	Phosphorus as P	Dissolved	=	1.7	mg/L	EPA 365.1	0.014	0.1	WKL	D
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/29/2010	Phosphorus as P	Total	=	1.8	mg/L	EPA 365.1	0.014	0.1	WKL	D
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/30/2010	TKN	n/a	=	0.42	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/22/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/22/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/22/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/22/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/22/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/24/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
ME-CC	2009/10-4	Dry	/2010 11:20:00	3/24/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X

2009/10 Laboratory Environmental Analysis Results

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ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Benzo(a)pyrene	n/a	=	0.49	µg/L	EPA 525.2	0.073	0.1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.61	µg/L	EPA 525.2	0.23	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Bis(2-ethylhexyl)phthalate	n/a	=	6.5	µg/L	EPA 525.2	1.1	3	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Butyl benzyl phthalate	n/a	DNQ	1	µg/L	EPA 625	1	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Di-n-butylphthalate	n/a	DNQ	0.65	µg/L	EPA 625	0.53	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/22/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/24/2010	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	4/12/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	4/12/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	4/12/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	4/12/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/25/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	DCPA (Dacthal)	n/a	=	10	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/30/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	4/12/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	4/12/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	4/12/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
ME-CC	2009/10-4	Dry	3/2010 11:20:00	3/26/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/26/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/26/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/22/2010	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/26/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/26/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Prometryn	n/a	=	20	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/30/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	4/12/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-CC	2009/10-4	Dry	4/2010 11:20:00	3/25/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	4/2009 8:10:00	E. Coli	n/a	=	3873	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	5/2009 2:20:00	Enterococcus	n/a	=	5040	MPN/100 mL	Enterolert	1000	1000	VCHCA	D

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	8/2009 1:22:00	Fecal Coliform	n/a	=	9000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	8/2009 1:22:00	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	10/22/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	10/15/2009	pH	n/a	=	7.66	pH Units	SM 4500-H+ B	0.1	0.1	WKL	X
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	10/16/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	10/21/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	10/15/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-SCR	2009/10-1	Wet	3/2009 10:45:00	10/15/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/17/2009	Chloride	n/a	=	62	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/17/2009	Fluoride	n/a	=	0.52	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Perchlorate	n/a	<	1.6	µg/L	EPA 314.0	1.6	4	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/21/2009	Calcium	Total	=	140	mg/L	EPA 200.7	0.031	0.2	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/21/2009	Magnesium	Total	=	56	mg/L	EPA 200.7	0.024	0.2	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/19/2009	Alkalinity as CaCO3	n/a	=	190	mg/L	SM 2320 B	-88	2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	BOD	n/a	=	11	mg/L	SM 5210 B	0.1	2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/17/2009	COD	n/a	=	60	mg/L	EPA 410.4	1.8	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/21/2009	Hardness as CaCO3	Total	=	570	mg/L	EPA 200.7	0.18	1.3	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/15/2009	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/26/2009	Phenolics	n/a	=	0.035	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	11/11/2009	Specific Conductance	n/a	=	1200	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	4/2009 5:12:00	Total Chlorine Residual	n/a	=	1.5	mg/L	SM 4500-Cl G	0.016	0.5	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Total Dissolved Solids	n/a	=	890	mg/L	SM 2540 C	4	10	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Total Organic Carbon	n/a	=	6.4	mg/L	SM 5310 C	0.13	1.2	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/19/2009	Total Suspended Solids	n/a	=	3700	mg/L	SM 2540 D	5	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/15/2009	Turbidity	n/a	=	520	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/19/2009	Volatile Suspended Solids	n/a	=	360	mg/L	EPA 160.4	-88	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Aluminum	Dissolved	<	0.19	µg/L	EPA 200.8	0.19	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Aluminum	Total	=	10000	µg/L	EPA 200.8	0.95	25	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Antimony	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Antimony	Total	=	0.65	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Arsenic	Dissolved	=	0.84	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Arsenic	Total	=	6	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Barium	Dissolved	=	48	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Barium	Total	=	140	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Beryllium	Total	=	0.63	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Cadmium	Dissolved	=	0.11	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Cadmium	Total	=	0.6	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Chromium	Dissolved	<	0.012	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Chromium	Total	=	23	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Copper	Dissolved	=	1.3	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Copper	Total	=	19	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Iron	Dissolved	<	0.6	µg/L	EPA 200.8	0.6	20	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Iron	Total	=	21000	µg/L	EPA 200.8	3	100	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Lead	Total	=	8.6	µg/L	EPA 200.8	0.017	0.2	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/22/2009	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/22/2009	Mercury	Total	=	66	ng/L	EPA 245.1	3.9	50	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Nickel	Dissolved	=	4.1	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Nickel	Total	=	28	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Selenium	Dissolved	=	2.5	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Selenium	Total	=	4.1	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Thallium	Total	=	0.26	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Zinc	Dissolved	<	0.3	µg/L	EPA 200.8	0.3	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Zinc	Total	=	59	µg/L	EPA 200.8	0.3	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/27/2009	Ammonia as N	n/a	=	0.34	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/15/2009	Nitrate + Nitrite as N	n/a	=	2.1	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/15/2009	Nitrate as N	n/a	=	2.1	mg/L	EPA 353.2	0.022	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Phosphorus as P	Dissolved	=	0.055	mg/L	EPA 365.1	0.0028	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Phosphorus as P	Total	=	1.7	mg/L	EPA 365.1	0.035	0.25	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/26/2009	TKN	n/a	=	2.4	mg/L	EPA 351.2	0.15	0.2	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	2,4,6-Trichlorophenol	n/a	<	0.88	µg/L	EPA 625	0.88	10	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	2,4-Dichlorophenol	n/a	<	0.77	µg/L	EPA 625	0.77	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	2,4-Dimethylphenol	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	2-Chlorophenol	n/a	<	0.71	µg/L	EPA 625	0.71	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	2-Nitrophenol	n/a	<	0.84	µg/L	EPA 625	0.84	10	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.33	µg/L	EPA 625	0.33	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	4-Chloro-3-methylphenol	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	4-Nitrophenol	n/a	<	6.7	µg/L	EPA 625	6.7	10	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Acenaphthene	n/a	<	0.31	µg/L	EPA 625	0.31	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Acenaphthylene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Anthracene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Benzo(a)pyrene	n/a	<	0.085	µg/L	EPA 525.2	0.085	0.12	WKL	EUM,IL
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Benzo(b)fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Benzo(g,h,i)perylene	n/a	<	0.31	µg/L	EPA 625	0.31	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Benzo(k)fluoranthene	n/a	<	0.23	µg/L	EPA 625	0.23	10	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.27	µg/L	EPA 525.2	0.27	5.8	WKL	EUM,IL
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Bis(2-ethylhexyl)phthalate	n/a	<	1.2	µg/L	EPA 525.2	1.2	3.5	WKL	EUM,IL
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Chrysene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Dibenz(a,h)anthracene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Fluorene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	IL
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Naphthalene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Phenanthrene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Phenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/24/2009	Pyrene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Alachlor	n/a	<	0.082	µg/L	EPA 525.2	0.082	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Atrazine	n/a	<	0.055	µg/L	EPA 525.2	0.055	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D,EUM
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	EU
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Bromacil	n/a	<	1	µg/L	EPA 525.2	1	1.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Butachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.23	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Captan	n/a	<	1	µg/L	EPA 525.2	1	1.2	WKL	IL
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	-88	1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Chloropropham	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Chlorpyrifos	n/a	=	0.032	µg/L	EPA 525.2	0.014	0.02	WKL	D,EUM
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D,EUM
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Cyanazine	n/a	<	0.023	µg/L	EPA 525.2	0.023	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Diphenamid	n/a	<	0.023	µg/L	EPA 525.2	0.023	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	EPTC	n/a	<	0.27	µg/L	EPA 525.2	0.27	1.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D,EUM
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Ethyl parathion	n/a	<	0.0002	µg/L	EPA 525.2	0.0002	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D,EUM
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Glyphosate	n/a	<	1.8	µg/L	EPA 547m	1.8	5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,EUM
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Metolachlor	n/a	<	0.065	µg/L	EPA 525.2	0.065	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Metribuzin	n/a	<	0.086	µg/L	EPA 525.2	0.086	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D,EUM
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Molinate	n/a	<	0.059	µg/L	EPA 525.2	0.059	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/16/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Prometon	n/a	<	0.19	µg/L	EPA 525.2	0.19	0.23	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Prometryn	n/a	<	0.086	µg/L	EPA 525.2	0.086	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,EUM
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Simazine	n/a	<	0.097	µg/L	EPA 525.2	0.097	0.12	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Terbacil	n/a	<	0.64	µg/L	EPA 525.2	0.64	2.3	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Thiobencarb	n/a	<	0.13	µg/L	EPA 525.2	0.13	0.23	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D,EUM
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/23/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/29/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-SCR	2009/10-1	Wet	4/2009 11:45:00	10/20/2009	Trithion	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.12	WKL	EUM
ME-SCR	2009/10-2	Wet	12/7/2009	12/8/2009	E. Coli	n/a	=	1553	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-SCR	2009/10-2	Wet	12/7/2009	12/8/2009	Enterococcus	n/a	=	1298	MPN/100 mL	Enterolert	10	10	VCHCA	X
ME-SCR	2009/10-2	Wet	12/7/2009	12/11/2009	Fecal Coliform	n/a	=	2200	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-SCR	2009/10-2	Wet	12/7/2009	12/8/2009	Total Coliform	n/a	=	72700	MPN/100 mL	MMO-MUG	100	100	VCHCA	X
ME-SCR	2009/10-2	Wet	7/2009 4:30:00	12/10/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-SCR	2009/10-2	Wet	7/2009 4:30:00	12/8/2009	pH	n/a	=	7.78	pH Units	SM 4500-H+ B	0.1	0.1	WKL	D
ME-SCR	2009/10-2	Wet	7/2009 4:30:00	12/22/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-SCR	2009/10-2	Wet	7/2009 4:30:00	12/22/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-SCR	2009/10-2	Wet	7/2009 4:30:00	12/18/2009	Mercury	Total	DNQ	15	ng/L	EPA 245.1	3.9	50	WKL	D
ME-SCR	2009/10-2	Wet	7/2009 4:30:00	12/9/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-SCR	2009/10-2	Wet	7/2009 4:30:00	12/9/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Chloride	n/a	=	66	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Fluoride	n/a	=	0.54	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Calcium	Total	=	140	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Magnesium	Total	=	55	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/10/2009	Alkalinity as CaCO3	n/a	=	220	mg/L	SM 2320 B	1.2	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/14/2009	BOD	n/a	=	9.3	mg/L	SM 5210 B	0.1	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/10/2009	COD	n/a	=	28	mg/L	EPA 410.4	1.8	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Hardness as CaCO3	Total	=	570	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/10/2009	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Phenolics	n/a	=	0.054	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/9/2009	Specific Conductance	n/a	=	1600	µmhos/cm	SM 2510 B	0.47	4	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/12/2009	Total Dissolved Solids	n/a	=	1100	mg/L	SM 2540 C	4	10	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/23/2009	Total Organic Carbon	n/a	=	4.1	mg/L	SM 5310 C	0.13	1.2	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/12/2009	Total Suspended Solids	n/a	=	450	mg/L	SM 2540 D	5	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/9/2009	Turbidity	n/a	=	24	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/12/2009	Volatile Suspended Solids	n/a	=	54	mg/L	EPA 160.4	3.1	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Aluminum	Dissolved	DNQ	2.1	µg/L	EPA 200.8	0.19	5	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Aluminum	Total	=	6400	µg/L	EPA 200.8	0.19	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Antimony	Dissolved	DNQ	0.36	µg/L	EPA 200.8	0.008	0.5	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Antimony	Total	DNQ	0.4	µg/L	EPA 200.8	0.008	0.5	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Arsenic	Dissolved	=	0.91	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Arsenic	Total	=	3.6	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Barium	Total	=	110	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Beryllium	Total	=	0.35	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Cadmium	Dissolved	=	0.12	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Cadmium	Total	=	0.49	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Chromium	Dissolved	DNQ	0.17	µg/L	EPA 200.8	0.012	0.2	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Chromium	Total	=	13	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/10/2009	Chromium VI	n/a	DNQ	0.21	µg/L	EPA 218.6	0.0059	0.3	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Copper	Dissolved	=	1.4	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Copper	Total	=	15	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Iron	Dissolved	DNQ	9.2	µg/L	EPA 200.8	0.6	20	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Iron	Total	=	13000	µg/L	EPA 200.8	0.6	20	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Lead	Dissolved	DNQ	0.021	µg/L	EPA 200.8	0.017	0.2	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Lead	Total	=	5	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Mercury	Dissolved	DNQ	4	ng/L	EPA 245.1	3.9	50	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Mercury	Total	DNQ	23	ng/L	EPA 245.1	3.9	50	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Nickel	Dissolved	=	3.8	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Nickel	Total	=	19	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Selenium	Dissolved	=	3.5	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Selenium	Total	=	6.2	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Silver	Dissolved	DNQ	0.01	µg/L	EPA 200.8	0.008	0.2	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Silver	Total	DNQ	0.065	µg/L	EPA 200.8	0.008	0.2	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Thallium	Total	=	0.2	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Zinc	Dissolved	DNQ	4.3	µg/L	EPA 200.8	0.3	5	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/16/2009	Zinc	Total	=	44	µg/L	EPA 200.8	0.3	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Ammonia as N	n/a	=	0.71	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/9/2009	Nitrate + Nitrite as N	n/a	=	2.7	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	Phosphorus as P	Dissolved	=	0.68	mg/L	EPA 365.1	0.07	0.5	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	Phosphorus as P	Total	=	0.68	mg/L	EPA 365.1	0.07	0.5	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	2,4-Dichlorophenol	n/a	DNQ	0.56	µg/L	EPA 8270Cm	0.51	1	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	1/4/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/22/2009	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	EUM

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/18/2009	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	1	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	DCPA (Dacthal)	n/a	=	0.84	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/14/2009	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Malathion	n/a	=	0.19	µg/L	EPA 525.2	0.015	0.02	WKL	D,IL
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/11/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,IL
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/17/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/27/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-SCR	2009/10-2	Wet	8/2009 1:30:00	12/15/2009	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-SCR	2009/10-3	Wet	5/2010 1:25:00 F	2010 11:00:00 A	E. Coli	n/a	=	857	MPN/100 mL	MMO-MUG	10	10	VCHCA	D
ME-SCR	2009/10-3	Wet	5/2010 1:25:00 F	5/2010 4:30:00 F	Enterococcus	n/a	=	1110	MPN/100 mL	Enterolert	100	100	VCHCA	D
ME-SCR	2009/10-3	Wet	5/2010 1:25:00 F	9/2010 2:52:00 F	Fecal Coliform	n/a	=	2400	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-SCR	2009/10-3	Wet	5/2010 1:25:00 F	2010 11:00:00 A	Total Coliform	n/a	=	86640	MPN/100 mL	MMO-MUG	100	100	VCHCA	D
ME-SCR	2009/10-3A	Wet	0/2010 9:30:00 A	2/26/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-3A	Wet	0/2010 9:30:00	2/2010 6:45:00	pH	n/a	=	8.18	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
ME-SCR	2009/10-3A	Wet	0/2010 9:30:00	3/3/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-SCR	2009/10-3A	Wet	0/2010 9:30:00	3/3/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-SCR	2009/10-3A	Wet	0/2010 9:30:00	3/2/2010	Mercury	Total	DNQ	48	ng/L	EPA 245.1	3.9	50	WKL	X
ME-SCR	2009/10-3A	Wet	0/2010 9:30:00	2/2010 8:37:00	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-SCR	2009/10-3A	Wet	0/2010 9:30:00	2/2010 8:37:00	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Chloride	n/a	=	35	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Fluoride	n/a	=	0.58	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Calcium	Total	=	120	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Magnesium	Total	=	39	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	1.2	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/1/2010	BOD	n/a	=	2.5	mg/L	SM 5210 B	0.1	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	COD	n/a	<	1.8	mg/L	EPA 410.4	1.8	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Hardness as CaCO3	Total	=	460	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/24/2010	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Phenolics	n/a	=	0.054	mg/L	EPA 420.4	0.0016	0.01	WKL	GB
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Specific Conductance	n/a	=	1000	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Total Dissolved Solids	n/a	=	750	mg/L	SM 2540 C	4	10	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Total Organic Carbon	n/a	=	2.3	mg/L	SM 5310 C	0.13	1.2	WKL	D
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/24/2010	Total Suspended Solids	n/a	=	230	mg/L	SM 2540 D	5	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/23/2010	Turbidity	n/a	=	16	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/27/2010	Volatile Suspended Solids	n/a	=	20	mg/L	EPA 160.4	3.1	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Aluminum	Dissolved	=	5.7	µg/L	EPA 200.8	0.19	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Aluminum	Total	=	330	µg/L	EPA 200.8	0.19	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Antimony	Dissolved	DNQ	0.31	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Antimony	Total	DNQ	0.29	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Arsenic	Dissolved	DNQ	0.15	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Arsenic	Total	=	0.6	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Barium	Total	=	49	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Cadmium	Dissolved	DNQ	0.063	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Cadmium	Total	DNQ	0.079	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Chromium	Dissolved	DNQ	0.16	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Chromium	Total	=	0.78	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/24/2010	Chromium VI	n/a	DNQ	0.088	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Copper	Dissolved	DNQ	0.28	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Copper	Total	=	0.94	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Iron	Dissolved	DNQ	7.4	µg/L	EPA 200.8	0.6	20	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Iron	Total	=	610	µg/L	EPA 200.8	0.6	20	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Lead	Total	=	0.28	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Mercury	Dissolved	DNQ	40	ng/L	EPA 245.1	3.9	50	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Mercury	Total	DNQ	43	ng/L	EPA 245.1	3.9	50	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Nickel	Dissolved	<	0.011	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Nickel	Total	DNQ	0.15	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Selenium	Dissolved	=	2.2	µg/L	EPA 200.8	0.017	0.4	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Selenium	Total	=	2.5	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Silver	Dissolved	DNQ	0.016	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Zinc	Dissolved	DNQ	2.2	µg/L	EPA 200.8	0.3	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Zinc	Total	DNQ	2.2	µg/L	EPA 200.8	0.3	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/2/2010	Ammonia as N	n/a	=	0.22	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/23/2010	Nitrate + Nitrite as N	n/a	=	1	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Phosphorus as P	Dissolved	=	0.089	mg/L	EPA 365.1	0.0014	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Phosphorus as P	Total	=	0.092	mg/L	EPA 365.1	0.0014	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/5/2010	TKN	n/a	=	1	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2,4-Dichlorophenol	n/a	DNQ	0.57	µg/L	EPA 8270Cm	0.51	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	2-Nitrophenol	n/a	DNQ	0.72	µg/L	EPA 8270Cm	0.71	1	WKL	EUM
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	3-/4-Methylphenol	n/a	DNQ	0.36	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Di-n-butylphthalate	n/a	DNQ	0.81	µg/L	EPA 625	0.53	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/26/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	alpha-Chlordane	n/a	<	0.0013	µg/L	EPA 608	0.0013	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	IL
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	IL
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	gamma-Chlordane	n/a	<	0.0014	µg/L	EPA 608	0.0014	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	2/25/2010	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Malathion	n/a	=	0.026	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	IL
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/4/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/10/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-SCR	2009/10-3A	Wet	/2010 10:05:00	3/3/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	/2010 11:15:00	E. Coli	n/a	=	62	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	8/2010 3:45:00	Enterococcus	n/a	=	20	MPN/100 mL	Enterolert	10	10	VCHCA	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	1/2010 1:32:00	Fecal Coliform	n/a	=	23	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	1/2010 1:32:00	Total Coliform	n/a	=	2613	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	3/26/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	8/2010 4:00:00	pH	n/a	=	8.01	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	3/23/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	3/23/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	3/24/2010	Mercury	Total	DNQ	15	ng/L	EPA 245.1	3.9	50	WKL	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	3/19/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-SCR	2009/10-4	Dry	7/2010 8:50:00	3/19/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/23/2010	Chloride	n/a	=	40	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/23/2010	Fluoride	n/a	=	0.61	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/31/2010	Perchlorate	n/a	<	1.6	µg/L	EPA 314.0	1.6	4	WKL	D
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/26/2010	Calcium	Total	=	130	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/26/2010	Magnesium	Total	=	42	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/22/2010	Alkalinity as CaCO3	n/a	=	220	mg/L	SM 2320 B	1.2	10	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/24/2010	BOD	n/a	DNQ	0.98	mg/L	SM 5210 B	0.1	2	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/23/2010	COD	n/a	=	10	mg/L	EPA 410.4	1.8	5	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/26/2010	Hardness as CaCO3	Total	=	490	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	8/2010 5:53:00	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/31/2010	Phenolics	n/a	=	0.037	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/22/2010	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/22/2010	Total Dissolved Solids	n/a	=	820	mg/L	SM 2540 C	4	10	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/24/2010	Total Organic Carbon	n/a	=	1.7	mg/L	SM 5310 C	0.032	0.3	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/22/2010	Total Suspended Solids	n/a	=	48	mg/L	SM 2540 D	5	5	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/19/2010	Turbidity	n/a	=	15	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/23/2010	Volatile Suspended Solids	n/a	DNQ	4	mg/L	EPA 160.4	3.1	5	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/30/2010	Aluminum	Dissolved	=	5.6	µg/L	EPA 200.8	0.19	5	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/30/2010	Aluminum	Total	=	190	µg/L	EPA 200.8	0.19	5	WKL	X
ME-SCR	2009/10-4	Dry	8/2010 8:15:00	3/30/2010	Antimony	Dissolved	DNQ	0.28	µg/L	EPA 200.8	0.008	0.5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Antimony	Total	DNQ	0.28	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Arsenic	Dissolved	=	0.63	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Arsenic	Total	=	0.75	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Barium	Total	=	46	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Cadmium	Dissolved	DNQ	0.06	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Cadmium	Total	DNQ	0.081	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Chromium	Dissolved	DNQ	0.052	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Chromium	Total	=	0.39	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/19/2010	Chromium VI	n/a	DNQ	0.17	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Copper	Dissolved	=	1.1	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Copper	Total	=	1.8	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Iron	Dissolved	DNQ	8.3	µg/L	EPA 200.8	0.6	20	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Iron	Total	=	410	µg/L	EPA 200.8	0.6	20	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Lead	Total	=	0.26	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Mercury	Dissolved	DNQ	46	ng/L	EPA 245.1	3.9	50	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Mercury	Total	DNQ	49	ng/L	EPA 245.1	3.9	50	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Nickel	Dissolved	=	2.3	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Nickel	Total	=	2.6	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Selenium	Dissolved	=	2.5	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Selenium	Total	=	2.6	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Silver	Dissolved	DNQ	0.0099	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Zinc	Dissolved	DNQ	2	µg/L	EPA 200.8	0.3	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Zinc	Total	DNQ	2.1	µg/L	EPA 200.8	0.3	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/8/2010	Ammonia as N	n/a	=	0.32	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/19/2010	Nitrate + Nitrite as N	n/a	=	1.1	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/29/2010	Phosphorus as P	Dissolved	=	0.093	mg/L	EPA 365.1	0.0014	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/29/2010	Phosphorus as P	Total	=	0.11	mg/L	EPA 365.1	0.0014	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	TKN	n/a	=	0.32	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Benzo(a)pyrene	n/a	=	1.1	µg/L	EPA 525.2	0.073	0.1	WKL	IL
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Bis(2-ethylhexyl)adipate	n/a	DNQ	0.67	µg/L	EPA 525.2	0.23	5	WKL	IL
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.5	µg/L	EPA 525.2	1.1	3	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/24/2010	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/22/2010	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/26/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/30/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	4/12/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-SCR	2009/10-4	Dry	3/2010 8:15:00 A	3/25/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	4/2009 8:10:00	E. Coli	n/a	=	15531	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	5/2009 2:20:00	Enterococcus	n/a	=	6590	MPN/100 mL	Enterolert	1000	1000	VCHCA	D
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	6/2009 1:35:00	Fecal Coliform	n/a	=	16000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	6/2009 1:35:00	Total Coliform	n/a	=	173290	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	10/22/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	10/15/2009	pH	n/a	=	7.81	pH Units	SM 4500-H+ B	0.1	0.1	WKL	X
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	10/16/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	10/21/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	10/15/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-VR2	2009/10-1	Wet	3/2009 9:50:00	10/15/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/17/2009	Chloride	n/a	=	60	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/17/2009	Fluoride	n/a	=	0.42	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/15/2009	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/21/2009	Calcium	Total	=	120	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/21/2009	Magnesium	Total	=	32	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/19/2009	Alkalinity as CaCO3	n/a	=	240	mg/L	SM 2320 B	-88	2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	BOD	n/a	=	4.4	mg/L	SM 5210 B	0.1	2	WKL	J
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/17/2009	COD	n/a	=	26	mg/L	EPA 410.4	1.8	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/21/2009	Hardness as CaCO3	Total	=	420	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/15/2009	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/26/2009	Phenolics	n/a	=	0.045	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	11/11/2009	Specific Conductance	n/a	=	970	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	4/2009 5:12:00	Total Chlorine Residual	n/a	<	0.0016	mg/L	SM 4500-Cl G	0.0016	0.05	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Total Dissolved Solids	n/a	=	680	mg/L	SM 2540 C	4	10	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Total Organic Carbon	n/a	=	5.9	mg/L	SM 5310 C	0.13	1.2	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/19/2009	Total Suspended Solids	n/a	=	14	mg/L	SM 2540 D	5	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/15/2009	Turbidity	n/a	=	5.8	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/19/2009	Volatile Suspended Solids	n/a	=	6	mg/L	EPA 160.4	-88	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Aluminum	Dissolved	<	0.19	µg/L	EPA 200.8	0.19	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Aluminum	Total	=	250	µg/L	EPA 200.8	0.19	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Antimony	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Antimony	Total	=	1	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Arsenic	Dissolved	=	0.88	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Arsenic	Total	=	0.92	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Barium	Dissolved	=	51	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Barium	Total	=	59	µg/L	EPA 200.8	0.024	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Cadmium	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Cadmium	Total	<	0.013	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Chromium	Dissolved	<	0.012	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Chromium	Total	=	1.1	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	Chromium VI	n/a	<	0.0059	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Copper	Dissolved	=	1.5	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Copper	Total	=	2.5	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Iron	Dissolved	=	26	µg/L	EPA 200.8	0.6	20	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Iron	Total	=	430	µg/L	EPA 200.8	0.6	20	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Lead	Total	=	0.32	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/22/2009	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Nickel	Dissolved	=	3.8	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Nickel	Total	=	4.8	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Selenium	Dissolved	=	1.1	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Selenium	Total	=	1.2	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Zinc	Dissolved	DNQ	5	µg/L	EPA 200.8	0.3	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Zinc	Total	=	9.1	µg/L	EPA 200.8	0.3	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/27/2009	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/15/2009	Nitrate + Nitrite as N	n/a	=	0.86	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/15/2009	Nitrate as N	n/a	=	0.86	mg/L	EPA 353.2	0.022	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Phosphorus as P	Dissolved	=	0.079	mg/L	EPA 365.1	0.0028	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Phosphorus as P	Total	=	0.13	mg/L	EPA 365.1	0.0028	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/26/2009	TKN	n/a	=	0.62	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	2,4,6-Trichlorophenol	n/a	<	0.88	µg/L	EPA 625	0.88	10	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	2,4-Dichlorophenol	n/a	<	0.77	µg/L	EPA 625	0.77	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	2,4-Dimethylphenol	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	2-Chlorophenol	n/a	<	0.71	µg/L	EPA 625	0.71	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	2-Nitrophenol	n/a	<	0.84	µg/L	EPA 625	0.84	10	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.33	µg/L	EPA 625	0.33	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	4-Chloro-3-methylphenol	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	4-Nitrophenol	n/a	<	6.7	µg/L	EPA 625	6.7	10	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Acenaphthene	n/a	<	0.31	µg/L	EPA 625	0.31	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Acenaphthylene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Anthracene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	EUM,IL
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Benzo(b)fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Benzo(g,h,i)perylene	n/a	<	0.31	µg/L	EPA 625	0.31	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Benzo(k)fluoranthene	n/a	<	0.23	µg/L	EPA 625	0.23	10	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	EUM,IL
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	EUM,IL
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Chrysene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Dibenz(a,h)anthracene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Fluorene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	IL
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Naphthalene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Phenanthrene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Phenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/24/2009	Pyrene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D,EUM
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	EU
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	IL
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	-88	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D,EUM
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D,EUM
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Ethyl parathion	n/a	<	0.0002	µg/L	EPA 525.2	0.0002	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D,EUM
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/16/2009	Glyphosate	n/a	<	1.8	µg/L	EPA 547m	1.8	5	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,EUM
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D,EUM
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/23/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/20/2009	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
ME-VR2	2009/10-1	Wet	4/2009 1:00:00	10/29/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/16/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/29/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/16/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/20/2009	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/20/2009	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/29/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,EUM
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/20/2009	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/29/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/20/2009	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/20/2009	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/29/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D,EUM
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/23/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/29/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-VR2	2009/10-1	Wet	14/2009 1:00:00	10/20/2009	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	EUM
ME-VR2	2009/10-2	Wet	12/7/2009	12/8/2009	E. Coli	n/a	=	4611	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-VR2	2009/10-2	Wet	12/7/2009	12/8/2009	Enterococcus	n/a	=	1652	MPN/100 mL	Enterolert	10	10	VCHCA	X
ME-VR2	2009/10-2	Wet	12/7/2009	12/11/2009	Fecal Coliform	n/a	=	3500	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-VR2	2009/10-2	Wet	12/7/2009	12/8/2009	Total Coliform	n/a	=	120330	MPN/100 mL	MMO-MUG	100	100	VCHCA	X
ME-VR2	2009/10-2	Wet	7/2009 3:15:00	12/10/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-VR2	2009/10-2	Wet	7/2009 3:15:00	12/8/2009	pH	n/a	=	7.65	pH Units	SM 4500-H+ B	0.1	0.1	WKL	D
ME-VR2	2009/10-2	Wet	7/2009 3:15:00	12/22/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-VR2	2009/10-2	Wet	7/2009 3:15:00	12/22/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-VR2	2009/10-2	Wet	7/2009 3:15:00	12/18/2009	Mercury	Total	DNQ	9	ng/L	EPA 245.1	3.9	50	WKL	D
ME-VR2	2009/10-2	Wet	7/2009 3:15:00	12/9/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-VR2	2009/10-2	Wet	7/2009 3:15:00	12/9/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/11/2009	Chloride	n/a	=	55	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/11/2009	Fluoride	n/a	=	0.38	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/11/2009	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/16/2009	Calcium	Total	=	110	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/16/2009	Magnesium	Total	=	32	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/10/2009	Alkalinity as CaCO3	n/a	=	230	mg/L	SM 2320 B	1.2	2	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/14/2009	BOD	n/a	=	3	mg/L	SM 5210 B	0.1	2	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/10/2009	COD	n/a	=	9.8	mg/L	EPA 410.4	1.8	5	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/16/2009	Hardness as CaCO3	Total	=	410	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/10/2009	MBAS	n/a	DNQ	0.02	mg/L	SM 5540 C	0.019	0.05	WKL	D
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/18/2009	Phenolics	n/a	=	0.065	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/9/2009	Specific Conductance	n/a	=	1000	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/12/2009	Total Dissolved Solids	n/a	=	680	mg/L	SM 2540 C	4	10	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/23/2009	Total Organic Carbon	n/a	=	3.2	mg/L	SM 5310 C	0.064	0.6	WKL	D
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/12/2009	Total Suspended Solids	n/a	=	12	mg/L	SM 2540 D	5	5	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/9/2009	Turbidity	n/a	=	3.7	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/12/2009	Volatile Suspended Solids	n/a	=	6	mg/L	EPA 160.4	3.1	5	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/16/2009	Aluminum	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.19	5	WKL	D
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/16/2009	Aluminum	Total	=	150	µg/L	EPA 200.8	0.19	5	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/16/2009	Antimony	Dissolved	DNQ	0.18	µg/L	EPA 200.8	0.008	0.5	WKL	D
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/16/2009	Antimony	Total	DNQ	0.21	µg/L	EPA 200.8	0.008	0.5	WKL	D
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/16/2009	Arsenic	Dissolved	=	0.51	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-VR2	2009/10-2	Wet	9/2009 11:00:00	12/16/2009	Arsenic	Total	=	0.62	µg/L	EPA 200.8	0.014	0.4	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Cadmium	Dissolved	DNQ	0.034	µg/L	EPA 200.8	0.013	0.1	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Cadmium	Total	DNQ	0.076	µg/L	EPA 200.8	0.013	0.1	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Chromium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.012	0.2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Chromium	Total	=	0.7	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/10/2009	Chromium VI	n/a	DNQ	0.15	µg/L	EPA 218.6	0.0059	0.3	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Copper	Dissolved	=	0.9	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Copper	Total	=	1.8	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Iron	Dissolved	DNQ	13	µg/L	EPA 200.8	0.6	20	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Iron	Total	=	390	µg/L	EPA 200.8	0.6	20	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Lead	Total	=	0.26	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/18/2009	Mercury	Dissolved	DNQ	6	ng/L	EPA 245.1	3.9	50	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/18/2009	Mercury	Total	DNQ	5	ng/L	EPA 245.1	3.9	50	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Nickel	Dissolved	=	3.8	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Nickel	Total	=	4.4	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Selenium	Dissolved	=	1.2	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Selenium	Total	=	1.3	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Silver	Dissolved	DNQ	0.017	µg/L	EPA 200.8	0.008	0.2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Silver	Total	DNQ	0.012	µg/L	EPA 200.8	0.008	0.2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Zinc	Dissolved	DNQ	2.9	µg/L	EPA 200.8	0.3	5	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/16/2009	Zinc	Total	DNQ	4	µg/L	EPA 200.8	0.3	5	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/11/2009	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/9/2009	Nitrate + Nitrite as N	n/a	=	1.6	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/9/2009	Nitrate as N	n/a	=	1.6	mg/L	EPA 353.2	0.022	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	Phosphorus as P	Dissolved	=	0.072	mg/L	EPA 365.1	0.0014	0.01	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	Phosphorus as P	Total	=	0.086	mg/L	EPA 365.1	0.0014	0.01	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	1/5/2010	1,2,4-Trichlorobenzene	n/a	<	0.52	µg/L	EPA 625	0.52	10	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	1/5/2010	1,2-Dichlorobenzene	n/a	<	0.6	µg/L	EPA 625	0.6	4	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	1/5/2010	1,2-Diphenylhydrazine	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	1/5/2010	1,3-Dichlorobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	1/5/2010	1,4-Dichlorobenzene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270Cm	0.58	2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270Cm	0.6	2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270Cm	2	4	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270Cm	2	4	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	1/5/2010	2,4-Dinitrotoluene	n/a	<	0.8	µg/L	EPA 625	0.8	10	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	1/5/2010	2,6-Dinitrotoluene	n/a	<	0.48	µg/L	EPA 625	0.48	10	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	1/5/2010	2-Chloronaphthalene	n/a	<	0.52	µg/L	EPA 625	0.52	10	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270Cm	1.3	2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270Cm	0.68	2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/22/2009	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270Cm	1.4	2	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	1/5/2010	3,3'-Dichlorobenzidine	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	D

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/22/2009	3-/4-Methylphenol	n/a	<	0.6	µg/L	EPA 8270Cm	0.6	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/22/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	4-Bromophenyl phenyl ether	n/a	<	0.46	µg/L	EPA 625	0.46	10	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/22/2009	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270Cm	0.74	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	4-Chlorophenyl phenyl ether	n/a	<	0.48	µg/L	EPA 625	0.48	10	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/22/2009	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270Cm	2	4	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Acenaphthene	n/a	<	0.24	µg/L	EPA 8270Cm	0.24	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Acenaphthylene	n/a	<	0.26	µg/L	EPA 8270Cm	0.26	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Anthracene	n/a	<	0.24	µg/L	EPA 8270Cm	0.24	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Benz(a)anthracene	n/a	<	0.56	µg/L	EPA 8270Cm	0.56	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Benzidine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/15/2009	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Benzo(b)fluoranthene	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Benzo(g,h,i)perylene	n/a	<	0.26	µg/L	EPA 8270Cm	0.26	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Benzo(k)fluoranthene	n/a	<	0.24	µg/L	EPA 8270Cm	0.24	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Bis(2-chloroethoxy)methane	n/a	<	0.8	µg/L	EPA 625	0.8	10	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Bis(2-chloroethyl)ether	n/a	<	0.92	µg/L	EPA 625	0.92	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.96	µg/L	EPA 625	0.96	4	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/15/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/15/2009	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Butyl benzyl phthalate	n/a	<	2	µg/L	EPA 625	2	10	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Chrysene	n/a	<	0.18	µg/L	EPA 8270Cm	0.18	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Dibenz(a,h)anthracene	n/a	<	0.26	µg/L	EPA 8270Cm	0.26	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Diethyl phthalate	n/a	<	0.46	µg/L	EPA 625	0.46	4	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Dimethyl phthalate	n/a	<	0.52	µg/L	EPA 625	0.52	4	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Di-n-butylphthalate	n/a	<	1.1	µg/L	EPA 625	1.1	10	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Di-n-octylphthalate	n/a	<	0.56	µg/L	EPA 625	0.56	10	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Fluoranthene	n/a	<	0.4	µg/L	EPA 8270Cm	0.4	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Fluorene	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Hexachlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Hexachlorobutadiene	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Hexachlorocyclopentadiene	n/a	<	10	µg/L	EPA 625	10	20	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Hexachloroethane	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Isophorone	n/a	<	0.66	µg/L	EPA 625	0.66	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Naphthalene	n/a	<	0.22	µg/L	EPA 8270Cm	0.22	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	Nitrobenzene	n/a	<	0.74	µg/L	EPA 625	0.74	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	N-Nitrosodimethylamine	n/a	<	0.72	µg/L	EPA 625	0.72	10	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	N-Nitrosodi-N-propylamine	n/a	<	0.82	µg/L	EPA 625	0.82	10	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	1/5/2010	N-Nitrosodiphenylamine	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Phenanthrene	n/a	<	0.22	µg/L	EPA 8270Cm	0.22	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/22/2009	Phenol	n/a	<	0.7	µg/L	EPA 8270Cm	0.7	2	WKL	D,EUM
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/18/2009	Pyrene	n/a	<	0.42	µg/L	EPA 8270Cm	0.42	1	WKL	D
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/17/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/17/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/17/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/17/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-VR2	2009/10-2	Wet	1/2009 11:00:00	12/17/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/15/2009	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/15/2009	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/15/2009	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/15/2009	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/15/2009	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	1	1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/15/2009	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/15/2009	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/11/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/15/2009	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/27/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-VR2	2009/10-2	Wet	2009 11:00:00	12/17/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/14/2009	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,IL
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/11/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/11/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,IL
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/17/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/27/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
ME-VR2	2009/10-2	Wet	/2009 11:00:00	12/15/2009	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 11:45:00	/2010 9:20:00 A	E. Coli	n/a	=	857	MPN/100 mL	MMO-MUG	10	10	VCHCA	D
ME-VR2	2009/10-3	Wet	/2010 11:45:00	/2010 3:00:00 P	Enterococcus	n/a	=	697	MPN/100 mL	Enterolert	10	10	VCHCA	D
ME-VR2	2009/10-3	Wet	/2010 11:45:00	/2010 2:30:00 P	Fecal Coliform	n/a	=	500	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-VR2	2009/10-3	Wet	/2010 11:45:00	/2010 9:20:00 A	Total Coliform	n/a	=	3076	MPN/100 mL	MMO-MUG	10	10	VCHCA	D
ME-VR2	2009/10-3	Wet	/2010 11:45:00	2/17/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
ME-VR2	2009/10-3	Wet	/2010 11:45:00	/2010 5:00:00 P	pH	n/a	=	7.89	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
ME-VR2	2009/10-3	Wet	/2010 11:45:00	2/17/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 11:45:00	2/17/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 11:45:00	2/19/2010	Mercury	Total	DNQ	35	ng/L	EPA 245.1	3.9	50	WKL	X
ME-VR2	2009/10-3	Wet	/2010 11:45:00	2/9/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 11:45:00	2/9/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Chloride	n/a	=	42	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Fluoride	n/a	=	0.31	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/10/2010	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/12/2010	Calcium	Total	=	97	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/12/2010	Magnesium	Total	=	30	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/9/2010	Alkalinity as CaCO3	n/a	=	190	mg/L	SM 2320 B	1.2	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	BOD	n/a	=	2.2	mg/L	SM 5210 B	0.1	2	WKL	J
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/11/2010	COD	n/a	=	10	mg/L	EPA 410.4	1.8	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/12/2010	Hardness as CaCO3	Total	=	360	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/8/2010	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/19/2010	Phenolics	n/a	=	0.031	mg/L	EPA 420.4	0.0016	0.01	WKL	GB
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/9/2010	Specific Conductance	n/a	=	820	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/13/2010	Total Dissolved Solids	n/a	=	530	mg/L	SM 2540 C	4	10	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Total Organic Carbon	n/a	=	3.8	mg/L	SM 5310 C	0.064	0.6	WKL	D
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/13/2010	Total Suspended Solids	n/a	=	190	mg/L	SM 2540 D	5	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/8/2010	Turbidity	n/a	=	150	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/13/2010	Volatile Suspended Solids	n/a	=	22	mg/L	EPA 160.4	3.1	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Aluminum	Dissolved	=	13	µg/L	EPA 200.8	0.19	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Aluminum	Total	=	4500	µg/L	EPA 200.8	0.19	5	WKL	GB
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Antimony	Dissolved	DNQ	0.19	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Antimony	Total	DNQ	0.3	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Arsenic	Dissolved	=	0.77	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Beryllium	Total	=	0.2	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Cadmium	Dissolved	DNQ	0.03	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Cadmium	Total	=	0.36	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Chromium	Dissolved	=	0.27	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Chromium	Total	=	13	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/10/2010	Chromium VI	n/a	DNQ	0.13	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/19/2010	Copper	Dissolved	=	3.3	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Copper	Total	=	13	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Iron	Dissolved	=	24	µg/L	EPA 200.8	0.6	20	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Iron	Total	=	7000	µg/L	EPA 200.8	0.6	20	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Lead	Dissolved	DNQ	0.03	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Lead	Total	=	3.1	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Mercury	Dissolved	DNQ	26	ng/L	EPA 245.1	3.9	50	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Mercury	Total	DNQ	27	ng/L	EPA 245.1	3.9	50	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Nickel	Total	=	22	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Selenium	Dissolved	=	2	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Selenium	Total	=	2.1	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Zinc	Dissolved	DNQ	2.9	µg/L	EPA 200.8	0.3	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Zinc	Total	=	27	µg/L	EPA 200.8	0.3	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Ammonia as N	n/a	DNQ	0.054	mg/L	EPA 350.1	0.048	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/8/2010	Nitrate + Nitrite as N	n/a	=	1.6	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/8/2010	Nitrate as N	n/a	=	1.6	mg/L	EPA 353.2	0.022	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Phosphorus as P	Dissolved	=	0.26	mg/L	EPA 365.1	0.0028	0.02	WKL	D
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/18/2010	Phosphorus as P	Total	=	0.4	mg/L	EPA 365.1	0.007	0.05	WKL	D
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/12/2010	TKN	n/a	=	1.1	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	3-/4-Methylphenol	n/a	DNQ	0.37	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/16/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/20/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	Di-n-butylphthalate	n/a	DNQ	0.65	µg/L	EPA 625	0.53	5	WKL	EUM
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/16/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/16/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/16/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/16/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/20/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/16/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/16/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/23/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/23/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/23/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/23/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/23/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/23/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	alpha-Chlordane	n/a	<	0.0013	µg/L	EPA 608	0.0013	0.01	WKL	EUM
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/3/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/23/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/3/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/23/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/23/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/23/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/23/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/23/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	gamma-Chlordane	n/a	<	0.0014	µg/L	EPA 608	0.0014	0.01	WKL	EUM
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/8/2010	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	IL
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/4/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/17/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/23/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	3/3/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00	2/23/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/3/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/3/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/3/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/4/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	3/3/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-VR2	2009/10-3	Wet	/2010 10:55:00 A	2/17/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:40:00	/2010 11:15:00	E. Coli	n/a	=	52	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-VR2	2009/10-4	Dry	/2010 10:40:00	8/2010 3:49:00 I	Enterococcus	n/a	=	10	MPN/100 mL	Enterolert	10	10	VCHCA	X
ME-VR2	2009/10-4	Dry	/2010 10:40:00	1/2010 1:35:00 I	Fecal Coliform	n/a	=	30	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
ME-VR2	2009/10-4	Dry	/2010 10:40:00	1/2010 1:35:00 I	Total Coliform	n/a	=	1112	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
ME-VR2	2009/10-4	Dry	/2010 10:40:00	3/26/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	GB
ME-VR2	2009/10-4	Dry	/2010 10:40:00	8/2010 4:00:00 I	pH	n/a	=	8.05	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
ME-VR2	2009/10-4	Dry	/2010 10:40:00	3/23/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:40:00	3/23/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:40:00	3/24/2010	Mercury	Total	DNQ	18	ng/L	EPA 245.1	3.9	50	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:40:00	3/19/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:40:00	3/19/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/23/2010	Chloride	n/a	=	39	mg/L	EPA 300.0	0.079	0.5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/23/2010	Fluoride	n/a	=	0.44	mg/L	EPA 300.0	0.013	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/31/2010	Perchlorate	n/a	<	1.6	µg/L	EPA 314.0	1.6	4	WKL	D
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Calcium	Total	=	110	mg/L	EPA 200.7	0.016	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Magnesium	Total	=	31	mg/L	EPA 200.7	0.012	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	Alkalinity as CaCO3	n/a	=	220	mg/L	SM 2320 B	1.2	10	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	BOD	n/a	DNQ	0.68	mg/L	SM 5210 B	0.1	2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/23/2010	COD	n/a	=	9.9	mg/L	EPA 410.4	1.8	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Hardness as CaCO3	Total	=	410	mg/L	EPA 200.7	0.089	0.66	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	8/2010 5:53:00 I	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/31/2010	Phenolics	n/a	=	0.045	mg/L	EPA 420.4	0.0016	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	Specific Conductance	n/a	=	900	µmhos/cm	SM 2510 B	0.23	2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	Total Dissolved Solids	n/a	=	670	mg/L	SM 2540 C	4	10	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	Total Organic Carbon	n/a	=	1.5	mg/L	SM 5310 C	0.032	0.3	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/19/2010	Turbidity	n/a	=	1.7	NTU	EPA 180.1	0.04	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/23/2010	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Aluminum	Dissolved	DNQ	1.8	µg/L	EPA 200.8	0.19	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Aluminum	Total	=	31	µg/L	EPA 200.8	0.19	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Antimony	Dissolved	DNQ	0.12	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Antimony	Total	DNQ	0.11	µg/L	EPA 200.8	0.008	0.5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Arsenic	Dissolved	DNQ	0.28	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Arsenic	Total	DNQ	0.31	µg/L	EPA 200.8	0.014	0.4	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Cadmium	Dissolved	DNQ	0.021	µg/L	EPA 200.8	0.013	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Cadmium	Total	DNQ	0.03	µg/L	EPA 200.8	0.013	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Chromium	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Chromium	Total	DNQ	0.19	µg/L	EPA 200.8	0.012	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/19/2010	Chromium VI	n/a	DNQ	0.26	µg/L	EPA 218.6	0.0059	0.3	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Copper	Dissolved	=	0.57	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Copper	Total	=	0.86	µg/L	EPA 200.8	0.022	0.5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Iron	Dissolved	DNQ	10	µg/L	EPA 200.8	0.6	20	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Iron	Total	=	68	µg/L	EPA 200.8	0.6	20	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Lead	Total	DNQ	0.058	µg/L	EPA 200.8	0.017	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Mercury	Dissolved	DNQ	45	ng/L	EPA 245.1	3.9	50	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Mercury	Total	DNQ	49	ng/L	EPA 245.1	3.9	50	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Nickel	Dissolved	=	1.8	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Nickel	Total	=	1.9	µg/L	EPA 200.8	0.011	0.8	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Selenium	Dissolved	=	1.7	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Selenium	Total	=	1.7	µg/L	EPA 200.8	0.017	0.4	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Zinc	Dissolved	DNQ	1.9	µg/L	EPA 200.8	0.3	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Zinc	Total	DNQ	0.91	µg/L	EPA 200.8	0.3	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Ammonia as N	n/a	DNQ	0.059	mg/L	EPA 350.1	0.048	0.1	WKL	EUM
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/19/2010	Nitrate + Nitrite as N	n/a	=	0.97	mg/L	EPA 353.2	0.033	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/19/2010	Nitrate as N	n/a	=	0.97	mg/L	EPA 353.2	0.022	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/29/2010	Phosphorus as P	Dissolved	=	0.012	mg/L	EPA 365.1	0.0014	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/29/2010	Phosphorus as P	Total	=	0.02	mg/L	EPA 365.1	0.0014	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	TKN	n/a	=	0.25	mg/L	EPA 351.2	0.074	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/24/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/22/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/24/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/24/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/22/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/24/2010	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/25/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/30/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/30/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/30/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/30/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/30/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/30/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/30/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
ME-VR2	2009/10-4	Dry	3/2010 10:20:00	3/26/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/25/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/25/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/25/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/25/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/25/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/25/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/25/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/26/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/25/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	4/12/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/30/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
ME-VR2	2009/10-4	Dry	/2010 10:20:00	3/25/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/30/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/30/2010	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/22/2010	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/30/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/30/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/30/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/25/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/25/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/30/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/25/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/26/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/26/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/25/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/25/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/25/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/25/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/25/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/30/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	4/12/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
ME-VR2	2009/10-4	Dry	4/2010 10:20:00	3/25/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	4/2009 8:10:00	E. Coli	n/a	=	34480	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	5/2009 2:20:00	Enterococcus	n/a	=	36400	MPN/100 mL	Enterolert	10000	10000	VCHCA	D
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	6/2009 1:48:00	Fecal Coliform	n/a	=	22000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	6/2009 1:48:00	Total Coliform	n/a	=	1553100	MPN/100 mL	MMO-MUG	10000	10000	VCHCA	D
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	10/22/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	10/15/2009	pH	n/a	=	7.73	pH Units	SM 4500-H+ B	0.1	0.1	WKL	X
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	10/16/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	10/21/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	10/22/2009	Mercury	Total	=	77	ng/L	EPA 245.1	3.9	50	WKL	X
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	10/15/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-CAM	2009/10-1	Wet	3/2009 6:30:00	10/15/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/17/2009	Chloride	n/a	=	14	mg/L	EPA 300.0	0.079	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/17/2009	Fluoride	n/a	=	0.11	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/15/2009	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/21/2009	Calcium	Total	=	24	mg/L	EPA 200.7	0.016	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/21/2009	Magnesium	Total	=	5.3	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/19/2009	Alkalinity as CaCO3	n/a	=	59	mg/L	SM 2320 B	-88	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	BOD	n/a	=	16	mg/L	SM 5210 B	0.1	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/17/2009	COD	n/a	=	65	mg/L	EPA 410.4	1.8	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/21/2009	Hardness as CaCO3	Total	=	82	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/15/2009	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/26/2009	Phenolics	n/a	=	0.057	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	11/11/2009	Specific Conductance	n/a	=	210	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	4/2009 5:12:00	Total Chlorine Residual	n/a	=	1.6	mg/L	SM 4500-Cl G	0.016	0.5	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Total Dissolved Solids	n/a	=	140	mg/L	SM 2540 C	4	10	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Total Organic Carbon	n/a	=	17	mg/L	SM 5310 C	0.32	3	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/19/2009	Total Suspended Solids	n/a	=	1200	mg/L	SM 2540 D	5	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/15/2009	Turbidity	n/a	=	86	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/19/2009	Volatile Suspended Solids	n/a	=	110	mg/L	EPA 160.4	-88	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Aluminum	Dissolved	=	33	µg/L	EPA 200.8	0.19	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Aluminum	Total	=	4100	µg/L	EPA 200.8	0.95	25	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Antimony	Dissolved	=	0.84	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Antimony	Total	=	1.2	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Arsenic	Dissolved	=	1.6	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Arsenic	Total	=	3.7	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Barium	Dissolved	=	19	µg/L	EPA 200.8	0.024	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Barium	Total	=	55	µg/L	EPA 200.8	0.024	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Beryllium	Total	=	0.3	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Cadmium	Dissolved	=	0.22	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Cadmium	Total	=	0.93	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Chromium	Dissolved	=	0.8	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Chromium	Total	=	12	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Chromium VI	n/a	=	0.73	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Copper	Dissolved	=	7	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Copper	Total	=	19	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Iron	Dissolved	=	68	µg/L	EPA 200.8	0.6	20	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Iron	Total	=	6800	µg/L	EPA 200.8	0.6	20	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Lead	Total	=	5.5	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/22/2009	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Nickel	Dissolved	=	4.5	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Nickel	Total	=	16	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Selenium	Dissolved	=	0.55	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Selenium	Total	=	1.7	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Zinc	Dissolved	=	13	µg/L	EPA 200.8	0.3	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Zinc	Total	=	63	µg/L	EPA 200.8	0.3	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/27/2009	Ammonia as N	n/a	=	0.43	mg/L	EPA 350.1	0.048	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/15/2009	Nitrate + Nitrite as N	n/a	=	1.2	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/15/2009	Nitrate as N	n/a	=	1.2	mg/L	EPA 353.2	0.022	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Phosphorus as P	Dissolved	=	0.35	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Phosphorus as P	Total	=	0.98	mg/L	EPA 365.1	0.007	0.05	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/26/2009	TKN	n/a	=	1.6	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4,6-Trichlorophenol	n/a	<	0.88	µg/L	EPA 625	0.88	10	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4-Dichlorophenol	n/a	<	0.77	µg/L	EPA 625	0.77	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4-Dimethylphenol	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2-Chlorophenol	n/a	<	0.71	µg/L	EPA 625	0.71	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2-Nitrophenol	n/a	<	0.84	µg/L	EPA 625	0.84	10	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.33	µg/L	EPA 625	0.33	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4-Chloro-3-methylphenol	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4-Nitrophenol	n/a	<	6.7	µg/L	EPA 625	6.7	10	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Acenaphthene	n/a	<	0.31	µg/L	EPA 625	0.31	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Acenaphthylene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Anthracene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Benzo(a)pyrene	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	D,EUM,IL
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benzo(b)fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benzo(g,h,i)perylene	n/a	<	0.31	µg/L	EPA 625	0.31	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benzo(k)fluoranthene	n/a	<	0.23	µg/L	EPA 625	0.23	10	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.45	µg/L	EPA 525.2	0.45	9.8	WKL	D,EUM,IL
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	5.9	WKL	D,EUM,IL
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Chrysene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Dibenz(a,h)anthracene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Diethyl phthalate	n/a	=	5	µg/L	EPA 625	0.23	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Fluorene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	IL
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Naphthalene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Phenanthrene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Phenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Pyrene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	2,4'-DDT	n/a	=	0.027	µg/L	EPA 608	-88	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	4,4'-DDE	n/a	=	0.12	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	4,4'-DDT	n/a	=	0.041	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Alachlor	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Atrazine	n/a	<	0.093	µg/L	EPA 525.2	0.093	0.2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D,EUM
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	EU
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Bromacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Butachlor	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.39	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	D,IL
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	-88	1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Chloropropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	D

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Chlorpyrifos	n/a	=	0.032	µg/L	EPA 525.2	0.014	0.02	WKL	D,EUM
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D,EUM
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Cyanazine	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Diazinon	n/a	=	0.055	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Diphenamid	n/a	<	0.039	µg/L	EPA 525.2	0.039	0.2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	EPTC	n/a	<	0.45	µg/L	EPA 525.2	0.45	2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D,EUM
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Ethyl parathion	n/a	<	0.0002	µg/L	EPA 525.2	0.0002	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D,EUM
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Glyphosate	n/a	<	1.8	µg/L	EPA 547m	1.8	5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Malathion	n/a	=	0.2	µg/L	EPA 525.2	0.015	0.02	WKL	D,EUM
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Metolachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D,EUM
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Molinate	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Prometon	n/a	<	0.31	µg/L	EPA 525.2	0.31	0.39	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,EUM

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Simazine	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	3.9	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Thiobencarb	n/a	<	0.22	µg/L	EPA 525.2	0.22	0.39	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D,EUM
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-CAM	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	D,EUM
MO-CAM	2009/10-2	Wet	12/7/2009	12/8/2009	E. Coli	n/a	=	9804	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-CAM	2009/10-2	Wet	12/7/2009	12/11/2009	Fecal Coliform	n/a	=	16000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-CAM	2009/10-2	Wet	12/7/2009	12/8/2009	Total Coliform	n/a	=	2419200	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	X
MO-CAM	2009/10-2	Wet	7/2009 12:30:00	12/10/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-CAM	2009/10-2	Wet	7/2009 12:30:00	12/8/2009	pH	n/a	=	7.68	pH Units	SM 4500-H+ B	0.1	0.1	WKL	D
MO-CAM	2009/10-2	Wet	7/2009 12:30:00	12/22/2009	Oil and Grease	n/a	DNQ	2	mg/L	EPA 1664A	2	5	WKL	D
MO-CAM	2009/10-2	Wet	7/2009 12:30:00	12/22/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-CAM	2009/10-2	Wet	7/2009 12:30:00	12/18/2009	Mercury	Total	DNQ	14	ng/L	EPA 245.1	3.9	50	WKL	D
MO-CAM	2009/10-2	Wet	7/2009 12:30:00	12/9/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-CAM	2009/10-2	Wet	7/2009 12:30:00	12/9/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Chloride	n/a	=	6.9	mg/L	EPA 300.0	0.079	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Fluoride	n/a	DNQ	0.063	mg/L	EPA 300.0	0.013	0.1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Calcium	Total	=	18	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Magnesium	Total	=	4.4	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/17/2009	Alkalinity as CaCO3	n/a	=	38	mg/L	SM 2320 B	1.2	2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/14/2009	BOD	n/a	=	6.8	mg/L	SM 5210 B	0.1	2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/10/2009	COD	n/a	=	56	mg/L	EPA 410.4	1.8	5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Hardness as CaCO3	Total	=	62	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/10/2009	MBAS	n/a	DNQ	0.035	mg/L	SM 5540 C	0.019	0.05	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Phenolics	n/a	=	0.025	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/9/2009	Specific Conductance	n/a	=	120	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/12/2009	Total Dissolved Solids	n/a	=	89	mg/L	SM 2540 C	4	10	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/23/2009	Total Organic Carbon	n/a	=	7.1	mg/L	SM 5310 C	0.16	1.5	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/12/2009	Total Suspended Solids	n/a	=	490	mg/L	SM 2540 D	5	5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/9/2009	Turbidity	n/a	=	26	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/12/2009	Volatile Suspended Solids	n/a	=	69	mg/L	EPA 160.4	3.1	5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Aluminum	Dissolved	=	43	µg/L	EPA 200.8	0.19	5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Aluminum	Total	=	4800	µg/L	EPA 200.8	0.19	5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Antimony	Dissolved	=	0.65	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Arsenic	Total	=	2.6	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Beryllium	Total	=	0.25	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Cadmium	Dissolved	DNQ	0.079	µg/L	EPA 200.8	0.013	0.1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Cadmium	Total	=	0.77	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Chromium	Dissolved	=	0.79	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Chromium	Total	=	11	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/10/2009	Chromium VI	n/a	=	0.68	µg/L	EPA 218.6	0.0059	0.3	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Copper	Dissolved	=	5.7	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Copper	Total	=	22	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Iron	Dissolved	=	53	µg/L	EPA 200.8	0.6	20	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Iron	Total	=	7200	µg/L	EPA 200.8	0.6	20	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Lead	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.017	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Lead	Total	=	6.6	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Mercury	Dissolved	DNQ	8	ng/L	EPA 245.1	3.9	50	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Mercury	Total	DNQ	23	ng/L	EPA 245.1	3.9	50	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Nickel	Dissolved	=	2.2	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Nickel	Total	=	14	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Selenium	Dissolved	DNQ	0.079	µg/L	EPA 200.8	0.017	0.4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Selenium	Total	=	2.2	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Silver	Total	DNQ	0.17	µg/L	EPA 200.8	0.008	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Thallium	Total	DNQ	0.11	µg/L	EPA 200.8	0.02	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Zinc	Dissolved	=	13	µg/L	EPA 200.8	0.3	5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/16/2009	Zinc	Total	=	93	µg/L	EPA 200.8	0.3	5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Ammonia as N	n/a	=	0.38	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/9/2009	Nitrate + Nitrite as N	n/a	=	0.66	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	Phosphorus as P	Dissolved	=	1.5	mg/L	EPA 365.1	0.07	0.5	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	Phosphorus as P	Total	=	1.7	mg/L	EPA 365.1	0.07	0.5	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/17/2009	TKN	n/a	=	1.5	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	1,2,4-Trichlorobenzene	n/a	<	0.52	µg/L	EPA 625	0.52	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	1,2-Dichlorobenzene	n/a	<	0.6	µg/L	EPA 625	0.6	4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	1,2-Diphenylhydrazine	n/a	<	0.7	µg/L	EPA 625	0.7	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	1,3-Dichlorobenzene	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	1,4-Dichlorobenzene	n/a	<	0.64	µg/L	EPA 625	0.64	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	2,4,5-Trichlorophenol	n/a	<	0.58	µg/L	EPA 8270Cm	0.58	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	2,4,6-Trichlorophenol	n/a	<	0.6	µg/L	EPA 8270Cm	0.6	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	2,4-Dichlorophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	2,4-Dimethylphenol	n/a	<	2	µg/L	EPA 8270Cm	2	4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	2,4-Dinitrophenol	n/a	<	2	µg/L	EPA 8270Cm	2	4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	2,4-Dinitrotoluene	n/a	<	0.8	µg/L	EPA 625	0.8	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	2,6-Dinitrotoluene	n/a	<	0.48	µg/L	EPA 625	0.48	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	2-Chloronaphthalene	n/a	<	0.52	µg/L	EPA 625	0.52	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	2-Chlorophenol	n/a	<	1.3	µg/L	EPA 8270Cm	1.3	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	2-Methylphenol	n/a	<	0.68	µg/L	EPA 8270Cm	0.68	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	2-Nitrophenol	n/a	<	1.4	µg/L	EPA 8270Cm	1.4	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	3,3'-Dichlorobenzidine	n/a	<	0.6	µg/L	EPA 625	0.6	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	3-/4-Methylphenol	n/a	DNQ	0.72	µg/L	EPA 8270Cm	0.6	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	4-Bromophenyl phenyl ether	n/a	<	0.46	µg/L	EPA 625	0.46	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	4-Chloro-3-methylphenol	n/a	<	0.74	µg/L	EPA 8270Cm	0.74	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	4-Chlorophenyl phenyl ether	n/a	<	0.48	µg/L	EPA 625	0.48	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	4-Nitrophenol	n/a	<	2	µg/L	EPA 8270Cm	2	4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Acenaphthene	n/a	<	0.24	µg/L	EPA 8270Cm	0.24	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Acenaphthylene	n/a	<	0.26	µg/L	EPA 8270Cm	0.26	1	WKL	D

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Anthracene	n/a	<	0.24	µg/L	EPA 8270Cm	0.24	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Benz(a)anthracene	n/a	<	0.56	µg/L	EPA 8270Cm	0.56	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Benzidine	n/a	<	1.4	µg/L	EPA 625	1.4	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Benzo(a)pyrene	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Benzo(b)fluoranthene	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Benzo(g,h,i)perylene	n/a	<	0.26	µg/L	EPA 8270Cm	0.26	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Benzo(k)fluoranthene	n/a	<	0.24	µg/L	EPA 8270Cm	0.24	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Bis(2-chloroethoxy)methane	n/a	<	0.8	µg/L	EPA 625	0.8	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Bis(2-chloroethyl)ether	n/a	<	0.92	µg/L	EPA 625	0.92	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.96	µg/L	EPA 625	0.96	4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.46	µg/L	EPA 525.2	0.46	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Bis(2-ethylhexyl)phthalate	n/a	<	2.1	µg/L	EPA 525.2	2.1	6	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Butyl benzyl phthalate	n/a	<	2	µg/L	EPA 625	2	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Chrysene	n/a	<	0.18	µg/L	EPA 8270Cm	0.18	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Dibenz(a,h)anthracene	n/a	<	0.26	µg/L	EPA 8270Cm	0.26	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Diethyl phthalate	n/a	DNQ	2.5	µg/L	EPA 625	0.46	4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Dimethyl phthalate	n/a	<	0.52	µg/L	EPA 625	0.52	4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Di-n-butylphthalate	n/a	<	1.1	µg/L	EPA 625	1.1	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Di-n-octylphthalate	n/a	<	0.56	µg/L	EPA 625	0.56	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Fluoranthene	n/a	<	0.4	µg/L	EPA 8270Cm	0.4	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Fluorene	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Hexachlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Hexachlorobutadiene	n/a	<	0.82	µg/L	EPA 625	0.82	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Hexachlorocyclopentadiene	n/a	<	10	µg/L	EPA 625	10	20	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Hexachloroethane	n/a	<	0.72	µg/L	EPA 625	0.72	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Isophorone	n/a	<	0.66	µg/L	EPA 625	0.66	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Naphthalene	n/a	<	0.22	µg/L	EPA 8270Cm	0.22	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	Nitrobenzene	n/a	<	0.74	µg/L	EPA 625	0.74	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	N-Nitrosodimethylamine	n/a	<	0.72	µg/L	EPA 625	0.72	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	N-Nitrosodi-N-propylamine	n/a	<	0.82	µg/L	EPA 625	0.82	10	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	1/5/2010	N-Nitrosodiphenylamine	n/a	<	0.46	µg/L	EPA 625	0.46	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Phenanthrene	n/a	<	0.22	µg/L	EPA 8270Cm	0.22	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/22/2009	Phenol	n/a	<	0.7	µg/L	EPA 8270Cm	0.7	2	WKL	D,EUM
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/18/2009	Pyrene	n/a	<	0.42	µg/L	EPA 8270Cm	0.42	1	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	4,4'-DDE	n/a	DNQ	0.041	µg/L	EPA 608	0.0025	0.05	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	4,4'-DDT	n/a	=	0.016	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Alachlor	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Atrazine	n/a	<	0.094	µg/L	EPA 525.2	0.094	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Bromacil	n/a	<	1.8	µg/L	EPA 525.2	1.8	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Butachlor	n/a	<	0.2	µg/L	EPA 525.2	0.2	0.4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Captan	n/a	<	1.7	µg/L	EPA 525.2	1.7	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	1	1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Chloropropham	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Cyanazine	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Dimethoate	n/a	=	0.02	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Diphenamid	n/a	<	0.04	µg/L	EPA 525.2	0.04	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	EPTC	n/a	<	0.46	µg/L	EPA 525.2	0.46	2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/14/2009	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,IL
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Metolachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Metribuzin	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Molinate	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/11/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Prometon	n/a	<	0.32	µg/L	EPA 525.2	0.32	0.4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Prometryn	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,IL
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Simazine	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.2	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Terbacil	n/a	<	1.1	µg/L	EPA 525.2	1.1	4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Thiobencarb	n/a	<	0.22	µg/L	EPA 525.2	0.22	0.4	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/21/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/27/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-CAM	2009/10-2	Wet	8/2009 1:00:00	12/15/2009	Trithion	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.2	WKL	D
MO-CAM	2009/10-3	Wet	/2010 11:15:00	/2010 11:00:00	E. Coli	n/a	=	3873	MPN/100 mL	MMO-MUG	10	10	VCHCA	D
MO-CAM	2009/10-3	Wet	/2010 11:15:00	0/2010 2:58:00	Fecal Coliform	n/a	=	3000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-CAM	2009/10-3	Wet	/2010 11:15:00	/2010 11:00:00	Total Coliform	n/a	=	104620	MPN/100 mL	MMO-MUG	100	100	VCHCA	D
MO-CAM	2009/10-3	Wet	/2010 11:15:00	2/17/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-CAM	2009/10-3	Wet	/2010 11:15:00	5/2010 5:00:00	pH	n/a	=	8.47	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
MO-CAM	2009/10-3	Wet	/2010 11:15:00	2/17/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-CAM	2009/10-3	Wet	/2010 11:15:00	2/17/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-CAM	2009/10-3	Wet	/2010 11:15:00	2/19/2010	Mercury	Total	=	55	ng/L	EPA 245.1	3.9	50	WKL	X
MO-CAM	2009/10-3	Wet	/2010 11:15:00	2/9/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-CAM	2009/10-3	Wet	/2010 11:15:00	2/9/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-CAM	2009/10-3	Wet	5/2010 1:15:00	2/17/2010	Chloride	n/a	=	42	mg/L	EPA 300.0	0.079	0.5	WKL	GB
MO-CAM	2009/10-3	Wet	5/2010 1:15:00	2/17/2010	Fluoride	n/a	DNQ	0.054	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-CAM	2009/10-3	Wet	5/2010 1:15:00	2/10/2010	Perchlorate	n/a	DNQ	1.4	µg/L	EPA 314.0	0.82	2	WKL	X
MO-CAM	2009/10-3	Wet	5/2010 1:15:00	2/12/2010	Calcium	Total	=	15	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-CAM	2009/10-3	Wet	5/2010 1:15:00	2/12/2010	Magnesium	Total	=	2.8	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-CAM	2009/10-3	Wet	5/2010 1:15:00	2/16/2010	Alkalinity as CaCO3	n/a	=	22	mg/L	SM 2320 B	1.2	2	WKL	X
MO-CAM	2009/10-3	Wet	5/2010 1:15:00	2/16/2010	BOD	n/a	=	3	mg/L	SM 5210 B	0.1	2	WKL	X
MO-CAM	2009/10-3	Wet	5/2010 1:15:00	2/11/2010	COD	n/a	=	28	mg/L	EPA 410.4	1.8	5	WKL	X
MO-CAM	2009/10-3	Wet	5/2010 1:15:00	2/12/2010	Hardness as CaCO3	Total	=	48	mg/L	EPA 200.7	0.089	0.66	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/8/2010	MBAS	n/a	=	0.09	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Phenolics	n/a	DNQ	0.0045	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/9/2010	Specific Conductance	n/a	=	230	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/13/2010	Total Dissolved Solids	n/a	=	120	mg/L	SM 2540 C	4	10	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Total Organic Carbon	n/a	=	3.1	mg/L	SM 5310 C	0.064	0.6	WKL	D
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/13/2010	Total Suspended Solids	n/a	=	69	mg/L	SM 2540 D	5	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/8/2010	Turbidity	n/a	=	46	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/13/2010	Volatile Suspended Solids	n/a	=	15	mg/L	EPA 160.4	3.1	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Aluminum	Dissolved	=	31	µg/L	EPA 200.8	0.19	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Aluminum	Total	=	1600	µg/L	EPA 200.8	0.19	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Antimony	Dissolved	DNQ	0.41	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Antimony	Total	=	0.82	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Arsenic	Dissolved	=	0.96	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Beryllium	Total	DNQ	0.05	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Cadmium	Dissolved	DNQ	0.03	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Cadmium	Total	=	0.15	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Chromium	Dissolved	=	0.67	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Chromium	Total	=	3.8	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/10/2010	Chromium VI	n/a	=	0.33	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/19/2010	Copper	Dissolved	=	5.8	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Copper	Total	=	14	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Iron	Dissolved	=	41	µg/L	EPA 200.8	0.6	20	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Iron	Total	=	2300	µg/L	EPA 200.8	0.6	20	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Lead	Dissolved	DNQ	0.05	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Lead	Total	=	2.6	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/16/2010	Mercury	Dissolved	DNQ	43	ng/L	EPA 245.1	3.9	50	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/16/2010	Mercury	Total	DNQ	43	ng/L	EPA 245.1	3.9	50	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Nickel	Dissolved	=	1	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Nickel	Total	=	3.9	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Selenium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Selenium	Total	DNQ	0.15	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Silver	Dissolved	DNQ	0.02	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Silver	Total	DNQ	0.01	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Zinc	Dissolved	=	17	µg/L	EPA 200.8	0.3	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Zinc	Total	=	56	µg/L	EPA 200.8	0.3	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Ammonia as N	n/a	=	0.29	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/12/2010	Nitrate + Nitrite as N	n/a	=	0.7	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Phosphorus as P	Dissolved	=	0.23	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/18/2010	Phosphorus as P	Total	=	0.31	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/12/2010	TKN	n/a	=	1	mg/L	EPA 351.2	0.074	0.1	WKL	GB
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/20/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/20/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/20/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/20/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	3-/4-Methylphenol	n/a	DNQ	0.41	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/17/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Diethyl phthalate	n/a	=	4.8	µg/L	EPA 625	0.23	2	WKL	EUM
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Di-n-butylphthalate	n/a	DNQ	0.78	µg/L	EPA 625	0.53	5	WKL	EUM
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/16/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 P	2/20/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/16/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/20/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/20/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/20/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/20/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/16/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Phenol	n/a	DNQ	0.54	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/16/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	4,4'-DDE	n/a	DNQ	0.015	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	alpha-Chlordane	n/a	<	0.0013	µg/L	EPA 608	0.0013	0.01	WKL	EUM
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	gamma-Chlordane	n/a	<	0.0014	µg/L	EPA 608	0.0014	0.01	WKL	EUM
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/8/2010	Glyphosate	n/a	DNQ	3.8	µg/L	EPA 547	1.8	5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	IL
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/23/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	2/17/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/4/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-CAM	2009/10-3	Wet	6/2010 1:15:00 F	3/3/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-3	Wet	5/2010 1:15:00 F	2/17/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	3/2010 11:30:00	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	1/2010 1:40:00	Fecal Coliform	n/a	=	2	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	1/2010 1:40:00	Total Coliform	n/a	=	74	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	3/26/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	8/2010 4:00:00	pH	n/a	=	9.88	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	3/23/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	3/23/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	3/24/2010	Mercury	Total	DNQ	20	ng/L	EPA 245.1	3.9	50	WKL	X
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	3/19/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-CAM	2009/10-4	Dry	7/2010 2:15:00	3/19/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/24/2010	Chloride	n/a	=	340	mg/L	EPA 300.0	0.79	5	WKL	D,GB
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/24/2010	Fluoride	n/a	DNQ	0.71	mg/L	EPA 300.0	0.13	1	WKL	D
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/31/2010	Perchlorate	n/a	<	1.6	µg/L	EPA 314.0	1.6	4	WKL	D
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/26/2010	Calcium	Total	=	190	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/26/2010	Magnesium	Total	=	38	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/22/2010	Alkalinity as CaCO3	n/a	=	190	mg/L	SM 2320 B	1.2	10	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/24/2010	BOD	n/a	=	12	mg/L	SM 5210 B	0.1	2	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/23/2010	COD	n/a	=	77	mg/L	EPA 410.4	1.8	5	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/26/2010	Hardness as CaCO3	Total	=	640	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	8/2010 5:53:00	MBAS	n/a	=	0.43	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/31/2010	Phenolics	n/a	=	0.047	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/22/2010	Specific Conductance	n/a	=	2200	µmhos/cm	SM 2510 B	0.47	4	WKL	D
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/22/2010	Total Dissolved Solids	n/a	=	1500	mg/L	SM 2540 C	4	10	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/24/2010	Total Organic Carbon	n/a	=	19	mg/L	SM 5310 C	0.64	6	WKL	D
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/22/2010	Total Suspended Solids	n/a	=	5	mg/L	SM 2540 D	5	5	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/19/2010	Turbidity	n/a	=	2.8	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/23/2010	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Aluminum	Dissolved	DNQ	1.7	µg/L	EPA 200.8	0.19	5	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Aluminum	Total	=	25	µg/L	EPA 200.8	0.19	5	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Antimony	Dissolved	=	1.1	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Arsenic	Dissolved	=	2.5	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Arsenic	Total	=	2.6	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Cadmium	Dissolved	=	0.14	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Cadmium	Total	=	0.16	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Chromium	Dissolved	=	0.89	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Chromium	Total	=	0.93	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/19/2010	Chromium VI	n/a	=	0.79	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Copper	Dissolved	=	15	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Copper	Total	=	17	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Iron	Dissolved	=	31	µg/L	EPA 200.8	0.6	20	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Iron	Total	=	110	µg/L	EPA 200.8	0.6	20	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Lead	Dissolved	DNQ	0.064	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Lead	Total	=	0.22	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-CAM	2009/10-4	Dry	9/2010 11:45:00	3/30/2010	Mercury	Dissolved	DNQ	48	ng/L	EPA 245.1	3.9	50	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Mercury	Total	DNQ	48	ng/L	EPA 245.1	3.9	50	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Nickel	Dissolved	=	5.1	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Nickel	Total	=	5.4	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Selenium	Dissolved	DNQ	0.39	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Selenium	Total	=	0.43	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Silver	Dissolved	DNQ	0.014	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Silver	Total	DNQ	0.023	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Zinc	Dissolved	=	7.2	µg/L	EPA 200.8	0.3	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Zinc	Total	=	6.9	µg/L	EPA 200.8	0.3	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/1/2010	Ammonia as N	n/a	=	0.19	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/19/2010	Nitrate + Nitrite as N	n/a	=	0.17	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/29/2010	Phosphorus as P	Dissolved	=	0.28	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/29/2010	Phosphorus as P	Total	=	0.33	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	TKN	n/a	=	2.7	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	3-/4-Methylphenol	n/a	DNQ	0.51	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Diethyl phthalate	n/a	=	4.4	µg/L	EPA 625	0.23	2	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Di-n-butylphthalate	n/a	DNQ	0.61	µg/L	EPA 625	0.53	5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/22/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Phenol	n/a	DNQ	0.88	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/26/2010	2,4,5-T	n/a	=	0.2	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/26/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/26/2010	2,4-D	n/a	=	18	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/26/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/26/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/30/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/26/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-4	Dry	/2010 11:45:00	3/25/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/26/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/26/2010	Dalapon	n/a	=	0.79	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/26/2010	DCPA (Dacthal)	n/a	=	2	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/26/2010	Dicamba	n/a	=	1.9	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/26/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/26/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/25/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/22/2010	Glyphosate	n/a	=	5.8	µg/L	EPA 547	1.8	5	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	4/12/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
MO-CAM	2009/10-4	Dry	3/2010 11:45:00	3/30/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	4/12/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/25/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/25/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	4/12/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/30/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/25/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	4/12/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/26/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	4/12/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/26/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/25/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/25/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	4/12/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/25/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	4/12/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/25/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/25/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	4/12/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/30/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	4/12/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-CAM	2009/10-4	Dry	4/2010 11:45:00	3/25/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	4/2009 8:10:00	E. Coli	n/a	=	8230	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	5/2009 2:20:00	Enterococcus	n/a	=	38400	MPN/100 mL	Enterolert	10000	10000	VCHCA	D
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	7/2009 1:45:00	Fecal Coliform	n/a	=	30000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	7/2009 1:45:00	Total Coliform	n/a	=	1299700	MPN/100 mL	MMO-MUG	10000	10000	VCHCA	D
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	10/22/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	10/15/2009	pH	n/a	=	7.22	pH Units	SM 4500-H+ B	0.1	0.1	WKL	X
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	10/16/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	10/21/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	10/15/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-MEI	2009/10-1	Wet	3/2009 8:15:00	10/15/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/17/2009	Chloride	n/a	=	13	mg/L	EPA 300.0	0.079	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/17/2009	Fluoride	n/a	=	0.12	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Perchlorate	n/a	=	4.3	µg/L	EPA 314.0	0.82	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/21/2009	Calcium	Total	=	12	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/21/2009	Magnesium	Total	=	3.6	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/21/2009	Alkalinity as CaCO3	n/a	=	32	mg/L	SM 2320 B	-88	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	BOD	n/a	=	17	mg/L	SM 5210 B	0.1	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/17/2009	COD	n/a	=	69	mg/L	EPA 410.4	1.8	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/21/2009	Hardness as CaCO3	Total	=	46	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/15/2009	MBAS	n/a	=	0.25	mg/L	SM 5540 C	0.076	0.2	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/26/2009	Phenolics	n/a	=	0.06	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	11/11/2009	Specific Conductance	n/a	=	180	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	4/2009 5:12:00	Total Chlorine Residual	n/a	=	0.098	mg/L	SM 4500-Cl G	0.0016	0.05	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Total Dissolved Solids	n/a	=	100	mg/L	SM 2540 C	4	10	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Total Organic Carbon	n/a	=	20	mg/L	SM 5310 C	0.32	3	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/19/2009	Total Suspended Solids	n/a	=	160	mg/L	SM 2540 D	5	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/15/2009	Turbidity	n/a	=	29	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/19/2009	Volatile Suspended Solids	n/a	=	41	mg/L	EPA 160.4	-88	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Aluminum	Dissolved	=	41	µg/L	EPA 200.8	0.19	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Aluminum	Total	=	1200	µg/L	EPA 200.8	0.19	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Antimony	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Antimony	Total	=	0.69	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Arsenic	Dissolved	=	0.99	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Barium	Dissolved	=	24	µg/L	EPA 200.8	0.024	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Barium	Total	=	37	µg/L	EPA 200.8	0.024	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Cadmium	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Cadmium	Total	=	0.12	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Chromium	Dissolved	=	0.6	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Chromium	Total	=	2.6	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Chromium VI	n/a	=	0.38	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Copper	Dissolved	=	6.4	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Copper	Total	=	9.4	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Iron	Dissolved	=	65	µg/L	EPA 200.8	0.6	20	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Iron	Total	=	1300	µg/L	EPA 200.8	0.6	20	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Lead	Dissolved	=	0.28	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Lead	Total	=	3.5	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/22/2009	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Nickel	Dissolved	=	2.8	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Nickel	Total	=	5.6	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Selenium	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Selenium	Total	=	0.73	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Zinc	Dissolved	=	20	µg/L	EPA 200.8	0.3	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Zinc	Total	=	42	µg/L	EPA 200.8	0.3	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/27/2009	Ammonia as N	n/a	=	0.43	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/15/2009	Nitrate + Nitrite as N	n/a	=	1.4	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/15/2009	Nitrate as N	n/a	=	1.2	mg/L	EPA 353.2	0.022	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Phosphorus as P	Dissolved	=	0.59	mg/L	EPA 365.1	0.014	0.1	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Phosphorus as P	Total	=	0.75	mg/L	EPA 365.1	0.014	0.1	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/26/2009	TKN	n/a	=	2.1	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4,6-Trichlorophenol	n/a	<	0.88	µg/L	EPA 625	0.88	10	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4-Dichlorophenol	n/a	<	0.77	µg/L	EPA 625	0.77	5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4-Dimethylphenol	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2-Chlorophenol	n/a	<	0.71	µg/L	EPA 625	0.71	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	2-Nitrophenol	n/a	<	0.84	µg/L	EPA 625	0.84	10	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.33	µg/L	EPA 625	0.33	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4-Chloro-3-methylphenol	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	4-Nitrophenol	n/a	<	6.7	µg/L	EPA 625	6.7	10	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Acenaphthene	n/a	<	0.31	µg/L	EPA 625	0.31	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Acenaphthylene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Anthracene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Benzo(a)pyrene	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.17	WKL	D,EUM,IL
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benzo(b)fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benzo(g,h,i)perylene	n/a	<	0.31	µg/L	EPA 625	0.31	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Benzo(k)fluoranthene	n/a	<	0.23	µg/L	EPA 625	0.23	10	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.38	µg/L	EPA 525.2	0.38	8.3	WKL	D,EUM,IL
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Bis(2-ethylhexyl)phthalate	n/a	<	1.8	µg/L	EPA 525.2	1.8	5	WKL	D,EUM,IL
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Chrysene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Dibenz(a,h)anthracene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Fluorene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	IL
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Naphthalene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Phenanthrene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Phenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/24/2009	Pyrene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Alachlor	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Atrazine	n/a	<	0.078	µg/L	EPA 525.2	0.078	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D,EUM
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	EU
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Bromacil	n/a	<	1.5	µg/L	EPA 525.2	1.5	1.7	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Butachlor	n/a	<	0.17	µg/L	EPA 525.2	0.17	0.33	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Captan	n/a	<	1.4	µg/L	EPA 525.2	1.4	1.7	WKL	D,IL
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	-88	1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Chloropropham	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D,EUM
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Cyanazine	n/a	<	0.033	µg/L	EPA 525.2	0.033	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Diphenamid	n/a	<	0.033	µg/L	EPA 525.2	0.033	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	EPTC	n/a	<	0.38	µg/L	EPA 525.2	0.38	1.7	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D,EUM
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Ethyl parathion	n/a	<	0.0002	µg/L	EPA 525.2	0.0002	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D,EUM
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Glyphosate	n/a	=	7.1	µg/L	EPA 547m	1.8	5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,EUM
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Metolachlor	n/a	<	0.093	µg/L	EPA 525.2	0.093	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Metribuzin	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D,EUM
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Molinate	n/a	<	0.084	µg/L	EPA 525.2	0.084	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Pentachlorophenol	n/a	=	0.27	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/16/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Prometon	n/a	<	0.26	µg/L	EPA 525.2	0.26	0.33	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Prometryn	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,EUM
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Simazine	n/a	<	0.14	µg/L	EPA 525.2	0.14	0.17	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Terbacil	n/a	<	0.91	µg/L	EPA 525.2	0.91	3.3	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Thiobencarb	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.33	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D,EUM
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/23/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/29/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-MEI	2009/10-1	Wet	4/2009 12:40:00	10/20/2009	Trithion	n/a	<	0.017	µg/L	EPA 525.2	0.017	0.17	WKL	D,EUM
MO-MEI	2009/10-2	Wet	12/7/2009	12/8/2009	E. Coli	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-MEI	2009/10-2	Wet	12/7/2009	12/11/2009	Fecal Coliform	n/a	=	160000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-MEI	2009/10-2	Wet	12/7/2009	12/8/2009	Total Coliform	n/a	=	2419200	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	X
MO-MEI	2009/10-2	Wet	7/2009 2:15:00	12/18/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-2	Wet	7/2009 2:15:00	12/8/2009	pH	n/a	=	7.27	pH Units	SM 4500-H+ B	0.1	0.1	WKL	D
MO-MEI	2009/10-2	Wet	7/2009 2:15:00	12/22/2009	Oil and Grease	n/a	DNQ	2.2	mg/L	EPA 1664A	2	5	WKL	D
MO-MEI	2009/10-2	Wet	7/2009 2:15:00	12/22/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-MEI	2009/10-2	Wet	7/2009 2:15:00	12/18/2009	Mercury	Total	DNQ	10	ng/L	EPA 245.1	3.9	50	WKL	D
MO-MEI	2009/10-2	Wet	7/2009 2:15:00	12/9/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-MEI	2009/10-2	Wet	7/2009 2:15:00	12/9/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/11/2009	Chloride	n/a	=	8.8	mg/L	EPA 300.0	0.079	0.5	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/11/2009	Fluoride	n/a	DNQ	0.078	mg/L	EPA 300.0	0.013	0.1	WKL	D
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/11/2009	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Calcium	Total	=	13	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Magnesium	Total	=	4.4	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/17/2009	Alkalinity as CaCO3	n/a	=	40	mg/L	SM 2320 B	1.2	2	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/14/2009	BOD	n/a	=	18	mg/L	SM 5210 B	0.1	2	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/10/2009	COD	n/a	=	80	mg/L	EPA 410.4	1.8	5	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Hardness as CaCO3	Total	=	50	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/10/2009	MBAS	n/a	=	0.089	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/18/2009	Phenolics	n/a	=	0.14	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/9/2009	Specific Conductance	n/a	=	140	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/12/2009	Total Dissolved Solids	n/a	=	91	mg/L	SM 2540 C	4	10	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/23/2009	Total Organic Carbon	n/a	=	15	mg/L	SM 5310 C	0.32	3	WKL	D
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/12/2009	Total Suspended Solids	n/a	=	85	mg/L	SM 2540 D	5	5	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/9/2009	Turbidity	n/a	=	26	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/12/2009	Volatile Suspended Solids	n/a	=	31	mg/L	EPA 160.4	3.1	5	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Aluminum	Dissolved	=	40	µg/L	EPA 200.8	0.19	5	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Aluminum	Total	=	1300	µg/L	EPA 200.8	0.19	5	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Antimony	Dissolved	DNQ	0.41	µg/L	EPA 200.8	0.008	0.5	WKL	D
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Antimony	Total	DNQ	0.47	µg/L	EPA 200.8	0.008	0.5	WKL	D
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Arsenic	Total	=	1.4	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Beryllium	Total	DNQ	0.065	µg/L	EPA 200.8	0.022	0.1	WKL	D
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Cadmium	Dissolved	DNQ	0.031	µg/L	EPA 200.8	0.013	0.1	WKL	D
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Cadmium	Total	=	0.2	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Chromium	Dissolved	=	0.72	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Chromium	Total	=	3.3	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/10/2009	Chromium VI	n/a	=	0.7	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Copper	Dissolved	=	4.6	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Copper	Total	=	10	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Iron	Dissolved	=	49	µg/L	EPA 200.8	0.6	20	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Iron	Total	=	1600	µg/L	EPA 200.8	0.6	20	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Lead	Dissolved	=	0.25	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Lead	Total	=	6.1	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/18/2009	Mercury	Dissolved	DNQ	4	ng/L	EPA 245.1	3.9	50	WKL	D
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/18/2009	Mercury	Total	DNQ	22	ng/L	EPA 245.1	3.9	50	WKL	D
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Nickel	Total	=	6.1	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Selenium	Dissolved	DNQ	0.071	µg/L	EPA 200.8	0.017	0.4	WKL	D
MO-MEI	2009/10-2	Wet	9/2009 10:30:00	12/16/2009	Selenium	Total	=	0.74	µg/L	EPA 200.8	0.017	0.4	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/16/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/16/2009	Silver	Total	DNQ	0.014	µg/L	EPA 200.8	0.008	0.2	WKL	D
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/16/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/16/2009	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/16/2009	Zinc	Dissolved	=	19	µg/L	EPA 200.8	0.3	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/16/2009	Zinc	Total	=	61	µg/L	EPA 200.8	0.3	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/11/2009	Ammonia as N	n/a	=	0.37	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/9/2009	Nitrate + Nitrite as N	n/a	=	0.66	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/9/2009	Nitrate as N	n/a	=	0.66	mg/L	EPA 353.2	0.022	0.1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	Phosphorus as P	Dissolved	=	0.36	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	Phosphorus as P	Total	=	0.4	mg/L	EPA 365.1	0.014	0.1	WKL	D
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	TKN	n/a	=	1.7	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	3-/4-Methylphenol	n/a	DNQ	0.39	µg/L	EPA 8270Cm	0.3	1	WKL	D
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/15/2009	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/15/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/15/2009	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.6	µg/L	EPA 525.2	1.1	3	WKL	D
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Diethyl phthalate	n/a	DNQ	0.28	µg/L	EPA 625	0.23	2	WKL	D
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	1/5/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/22/2009	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/18/2009	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/11/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/11/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/11/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/11/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/11/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/11/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/15/2009	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/17/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-2	Wet	/2009 10:30:00	12/15/2009	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/11/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/11/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	1	1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/11/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/11/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/11/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/11/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/11/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	Glyphosate	n/a	<	3.6	µg/L	EPA 547	3.6	10	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,IL
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/17/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/27/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-MEI	2009/10-2	Wet	1/2009 10:30:00	12/15/2009	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/27/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/17/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/15/2009	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/27/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/11/2009	Pentachlorophenol	n/a	=	0.43	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/27/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/11/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/15/2009	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/15/2009	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/27/2009	Ronnel (Fenchlorphos)	n/a	=	0.22	µg/L	EPA 525.2	0.0082	0.02	WKL	D,IL
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/15/2009	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/27/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/15/2009	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/15/2009	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/27/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/17/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/27/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-MEI	2009/10-2	Wet	2/2009 10:30:00	12/15/2009	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	3/2010 9:20:00 A	E. Coli	n/a	=	4884	MPN/100 mL	MMO-MUG	10	10	VCHCA	D
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	3/2010 9:20:00 A	Fecal Coliform	n/a	=	5000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	3/2010 9:20:00 A	Total Coliform	n/a	=	198630	MPN/100 mL	MMO-MUG	100	100	VCHCA	D
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	2/17/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	3/2010 5:00:00 P	pH	n/a	=	7.7	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	2/17/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	2/17/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	2/19/2010	Mercury	Total	DNQ	44	ng/L	EPA 245.1	3.9	50	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	2/9/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:00:00	2/9/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/17/2010	Chloride	n/a	=	17	mg/L	EPA 300.0	0.079	0.5	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/17/2010	Fluoride	n/a	DNQ	0.064	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/10/2010	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/12/2010	Calcium	Total	=	20	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/12/2010	Magnesium	Total	=	10	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/11/2010	Alkalinity as CaCO3	n/a	=	67	mg/L	SM 2320 B	1.2	2	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/16/2010	BOD	n/a	=	7.3	mg/L	SM 5210 B	0.1	2	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/11/2010	COD	n/a	=	44	mg/L	EPA 410.4	1.8	5	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/12/2010	Hardness as CaCO3	Total	=	92	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/8/2010	MBAS	n/a	DNQ	0.033	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/19/2010	Phenolics	n/a	DNQ	0.008	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/9/2010	Specific Conductance	n/a	=	250	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/13/2010	Total Dissolved Solids	n/a	=	160	mg/L	SM 2540 C	4	10	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/18/2010	Total Organic Carbon	n/a	=	10	mg/L	SM 5310 C	0.26	2.4	WKL	D
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/13/2010	Total Suspended Solids	n/a	=	120	mg/L	SM 2540 D	5	5	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/8/2010	Turbidity	n/a	=	110	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/13/2010	Volatile Suspended Solids	n/a	=	22	mg/L	EPA 160.4	3.1	5	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/18/2010	Aluminum	Dissolved	=	270	µg/L	EPA 200.8	0.19	5	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/18/2010	Aluminum	Total	=	4400	µg/L	EPA 200.8	0.19	5	WKL	X
MO-MEI	2009/10-3	Wet	3/2010 11:20:00	2/18/2010	Antimony	Dissolved	DNQ	0.25	µg/L	EPA 200.8	0.008	0.5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Antimony	Total	DNQ	0.34	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Arsenic	Dissolved	=	1.6	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Arsenic	Total	=	2.2	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Beryllium	Total	=	0.16	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Cadmium	Dissolved	DNQ	0.02	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Cadmium	Total	=	0.13	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Chromium	Dissolved	=	0.97	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Chromium	Total	=	11	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/10/2010	Chromium VI	n/a	DNQ	0.21	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/19/2010	Copper	Dissolved	=	6.4	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Copper	Total	=	15	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Iron	Dissolved	=	250	µg/L	EPA 200.8	0.6	20	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Iron	Total	=	5200	µg/L	EPA 200.8	0.6	20	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Lead	Dissolved	=	0.27	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Lead	Total	=	5.1	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Mercury	Dissolved	<	7.8	ng/L	EPA 245.1	7.8	100	WKL	RE,D
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Mercury	Total	DNQ	32	ng/L	EPA 245.1	3.9	50	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Nickel	Dissolved	=	3.2	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Nickel	Total	=	20	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Selenium	Dissolved	DNQ	0.31	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Selenium	Total	=	0.41	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Zinc	Dissolved	=	12	µg/L	EPA 200.8	0.3	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Zinc	Total	=	50	µg/L	EPA 200.8	0.3	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Ammonia as N	n/a	=	0.25	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/8/2010	Nitrate + Nitrite as N	n/a	=	1.5	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/8/2010	Nitrate as N	n/a	=	1.3	mg/L	EPA 353.2	0.022	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Phosphorus as P	Dissolved	=	0.86	mg/L	EPA 365.1	0.007	0.05	WKL	D
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/18/2010	Phosphorus as P	Total	=	1	mg/L	EPA 365.1	0.014	0.1	WKL	D
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/12/2010	TKN	n/a	=	2.4	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	3-/4-Methylphenol	n/a	DNQ	0.36	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Di-n-butylphthalate	n/a	DNQ	0.66	µg/L	EPA 625	0.53	5	WKL	EUM
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/20/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/16/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	2,4-D	n/a	DNQ	0.36	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	alpha-Chlordane	n/a	<	0.0013	µg/L	EPA 608	0.0013	0.01	WKL	EUM
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/4/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/23/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	2/17/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00	3/3/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	gamma-Chlordane	n/a	<	0.0014	µg/L	EPA 608	0.0014	0.01	WKL	EUM
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/8/2010	Glyphosate	n/a	DNQ	4.2	µg/L	EPA 547	1.8	5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	IL
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/23/2010	Pentachlorophenol	n/a	=	0.21	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/23/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/4/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	3/3/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-MEI	2009/10-3	Wet	/2010 11:20:00 A	2/17/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	4/2010 11:30:00	E. Coli	n/a	=	233	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	1/2010 1:45:00 I	Fecal Coliform	n/a	=	240	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	1/2010 1:45:00 I	Total Coliform	n/a	=	2909	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	3/26/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	8/2010 4:00:00 I	pH	n/a	=	8.42	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	3/23/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	3/23/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	3/24/2010	Mercury	Total	DNQ	15	ng/L	EPA 245.1	3.9	50	WKL	X
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	3/20/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-4	Dry	7/2010 9:15:00 A	3/20/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/24/2010	Chloride	n/a	=	100	mg/L	EPA 300.0	0.79	5	WKL	D
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/23/2010	Fluoride	n/a	=	0.26	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/31/2010	Perchlorate	n/a	<	1.6	µg/L	EPA 314.0	1.6	4	WKL	D
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/26/2010	Calcium	Total	=	45	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/26/2010	Magnesium	Total	=	110	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/22/2010	Alkalinity as CaCO3	n/a	=	320	mg/L	SM 2320 B	1.2	10	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/24/2010	BOD	n/a	=	2.8	mg/L	SM 5210 B	0.1	2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/23/2010	COD	n/a	=	37	mg/L	EPA 410.4	1.8	5	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/26/2010	Hardness as CaCO3	Total	=	550	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	8/2010 5:53:00 I	MBAS	n/a	=	0.082	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/31/2010	Phenolics	n/a	=	0.058	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/22/2010	Specific Conductance	n/a	=	1200	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/22/2010	Total Dissolved Solids	n/a	=	780	mg/L	SM 2540 C	4	10	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/24/2010	Total Organic Carbon	n/a	=	9.2	mg/L	SM 5310 C	0.32	3	WKL	D
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/22/2010	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/19/2010	Turbidity	n/a	=	1.2	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/23/2010	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Aluminum	Dissolved	DNQ	4.2	µg/L	EPA 200.8	0.19	5	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Aluminum	Total	=	22	µg/L	EPA 200.8	0.19	5	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Antimony	Dissolved	DNQ	0.2	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Antimony	Total	DNQ	0.19	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Arsenic	Dissolved	=	1.8	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Arsenic	Total	=	1.8	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Cadmium	Dissolved	DNQ	0.013	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Cadmium	Total	DNQ	0.019	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Chromium	Dissolved	=	0.37	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Chromium	Total	=	0.35	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/19/2010	Chromium VI	n/a	=	0.33	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Copper	Dissolved	=	2.6	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Copper	Total	=	2.6	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Iron	Dissolved	DNQ	12	µg/L	EPA 200.8	0.6	20	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Iron	Total	=	29	µg/L	EPA 200.8	0.6	20	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Lead	Dissolved	DNQ	0.028	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Lead	Total	DNQ	0.05	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Mercury	Dissolved	DNQ	48	ng/L	EPA 245.1	3.9	50	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Mercury	Total	DNQ	48	ng/L	EPA 245.1	3.9	50	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Nickel	Dissolved	=	5.6	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Nickel	Total	=	5.7	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Selenium	Dissolved	=	0.51	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Selenium	Total	=	0.59	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-MEI	2009/10-4	Dry	8/2010 9:40:00 A	3/30/2010	Zinc	Dissolved	DNQ	2.9	µg/L	EPA 200.8	0.3	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	Zinc	Total	DNQ	1.7	µg/L	EPA 200.8	0.3	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	4/1/2010	Ammonia as N	n/a	=	0.21	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/19/2010	Nitrate + Nitrite as N	n/a	=	1.2	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/19/2010	Nitrate as N	n/a	=	0.95	mg/L	EPA 353.2	0.022	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/29/2010	Phosphorus as P	Dissolved	=	0.013	mg/L	EPA 365.1	0.0014	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/29/2010	Phosphorus as P	Total	=	0.024	mg/L	EPA 365.1	0.0014	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	TKN	n/a	=	1.2	mg/L	EPA 351.2	0.074	0.1	WKL	GB
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/22/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Phenol	n/a	DNQ	0.73	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/26/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/26/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/26/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/26/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/26/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/26/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	4/12/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/26/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	4/12/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/25/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/25/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/25/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/25/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/26/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/26/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/26/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/26/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/26/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/25/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/25/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/22/2010	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/25/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/25/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/30/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/25/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	3/26/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00	4/12/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/26/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	4/12/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	4/12/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	4/12/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/30/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	4/12/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-MEI	2009/10-4	Dry	3/2010 9:40:00 A	3/25/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	4/2009 8:10:00	E. Coli	n/a	=	241920	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	5/2009 2:20:00	Enterococcus	n/a	=	8310	MPN/100 mL	Enterolert	1000	1000	VCHCA	D
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	8/2009 1:25:00	Fecal Coliform	n/a	=	160000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	8/2009 1:25:00	Total Coliform	n/a	=	241920	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	10/22/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	10/15/2009	pH	n/a	=	7.06	pH Units	SM 4500-H+ B	0.1	0.1	WKL	X
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	10/16/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	10/21/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	10/15/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-OJA	2009/10-1	Wet	3/2009 8:50:00	10/15/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/17/2009	Chloride	n/a	=	100	mg/L	EPA 300.0	0.79	5	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/17/2009	Fluoride	n/a	=	0.14	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/21/2009	Calcium	Total	=	64	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/21/2009	Magnesium	Total	=	18	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/19/2009	Alkalinity as CaCO3	n/a	=	83	mg/L	SM 2320 B	-88	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	BOD	n/a	=	11	mg/L	SM 5210 B	0.1	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/17/2009	COD	n/a	=	39	mg/L	EPA 410.4	1.8	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/21/2009	Hardness as CaCO3	Total	=	240	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/15/2009	MBAS	n/a	=	0.085	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/26/2009	Phenolics	n/a	=	0.038	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	11/11/2009	Specific Conductance	n/a	=	680	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	4/2009 5:12:00	Total Chlorine Residual	n/a	<	0.0016	mg/L	SM 4500-Cl G	0.0016	0.05	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Total Dissolved Solids	n/a	=	390	mg/L	SM 2540 C	4	10	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Total Organic Carbon	n/a	=	8.5	mg/L	SM 5310 C	0.13	1.2	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/19/2009	Total Suspended Solids	n/a	=	58	mg/L	SM 2540 D	5	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/15/2009	Turbidity	n/a	=	15	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/19/2009	Volatile Suspended Solids	n/a	=	13	mg/L	EPA 160.4	-88	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Aluminum	Dissolved	=	8.9	µg/L	EPA 200.8	0.19	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Aluminum	Total	=	2000	µg/L	EPA 200.8	0.19	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Antimony	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Antimony	Total	=	0.82	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Arsenic	Total	=	1.8	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Barium	Dissolved	=	28	µg/L	EPA 200.8	0.024	0.5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Barium	Total	=	50	µg/L	EPA 200.8	0.024	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Cadmium	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Cadmium	Total	=	0.34	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Chromium	Dissolved	=	0.32	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Chromium	Total	=	3.9	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Chromium VI	n/a	DNQ	0.3	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Copper	Dissolved	=	3.2	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Copper	Total	=	10	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Iron	Dissolved	<	0.6	µg/L	EPA 200.8	0.6	20	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Iron	Total	=	2500	µg/L	EPA 200.8	0.6	20	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Lead	Dissolved	<	0.017	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Lead	Total	=	5.4	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/22/2009	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Nickel	Total	=	6	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Selenium	Dissolved	=	1.5	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Selenium	Total	=	2.1	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Zinc	Dissolved	=	21	µg/L	EPA 200.8	0.3	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Zinc	Total	=	63	µg/L	EPA 200.8	0.3	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/27/2009	Ammonia as N	n/a	=	0.16	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/15/2009	Nitrate + Nitrite as N	n/a	=	0.6	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/15/2009	Nitrate as N	n/a	=	0.6	mg/L	EPA 353.2	0.022	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Phosphorus as P	Dissolved	=	0.19	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Phosphorus as P	Total	=	0.39	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/26/2009	TKN	n/a	=	0.91	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	2,4,6-Trichlorophenol	n/a	<	0.88	µg/L	EPA 625	0.88	10	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	2,4-Dichlorophenol	n/a	<	0.77	µg/L	EPA 625	0.77	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	2,4-Dimethylphenol	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	2-Chlorophenol	n/a	<	0.71	µg/L	EPA 625	0.71	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	2-Nitrophenol	n/a	<	0.84	µg/L	EPA 625	0.84	10	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.33	µg/L	EPA 625	0.33	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	4-Chloro-3-methylphenol	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	4-Nitrophenol	n/a	<	6.7	µg/L	EPA 625	6.7	10	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Acenaphthene	n/a	<	0.31	µg/L	EPA 625	0.31	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Acenaphthylene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Anthracene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Benzo(a)pyrene	n/a	<	0.082	µg/L	EPA 525.2	0.082	0.11	WKL	EUM,IL
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Benzo(b)fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Benzo(g,h,i)perylene	n/a	<	0.31	µg/L	EPA 625	0.31	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Benzo(k)fluoranthene	n/a	<	0.23	µg/L	EPA 625	0.23	10	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.26	µg/L	EPA 525.2	0.26	5.6	WKL	EUM,IL
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Bis(2-ethylhexyl)phthalate	n/a	<	1.2	µg/L	EPA 525.2	1.2	3.4	WKL	EUM,IL
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Chrysene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Dibenz(a,h)anthracene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Fluorene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	IL
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Naphthalene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Phenanthrene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Phenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/24/2009	Pyrene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Alachlor	n/a	<	0.079	µg/L	EPA 525.2	0.079	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Atrazine	n/a	<	0.053	µg/L	EPA 525.2	0.053	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D,EUM
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	EU
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Bromacil	n/a	<	1	µg/L	EPA 525.2	1	1.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Butachlor	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.23	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Captan	n/a	<	0.97	µg/L	EPA 525.2	0.97	1.1	WKL	IL
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	-88	1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Chloropropham	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D,EUM
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Cyanazine	n/a	<	0.023	µg/L	EPA 525.2	0.023	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Diphenamid	n/a	<	0.023	µg/L	EPA 525.2	0.023	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	EPTC	n/a	<	0.26	µg/L	EPA 525.2	0.26	1.1	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D,EUM
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Ethyl parathion	n/a	<	0.0002	µg/L	EPA 525.2	0.0002	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D,EUM
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Glyphosate	n/a	=	7	µg/L	EPA 547m	1.8	5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,EUM
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Metolachlor	n/a	<	0.063	µg/L	EPA 525.2	0.063	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Metribuzin	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D,EUM
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Molinate	n/a	<	0.057	µg/L	EPA 525.2	0.057	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Pentachlorophenol	n/a	=	0.26	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/16/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Prometon	n/a	<	0.18	µg/L	EPA 525.2	0.18	0.23	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Prometryn	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,EUM
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Simazine	n/a	<	0.093	µg/L	EPA 525.2	0.093	0.11	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Terbacil	n/a	<	0.62	µg/L	EPA 525.2	0.62	2.3	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Thiobencarb	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.23	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D,EUM
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/23/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/29/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-OJA	2009/10-1	Wet	4/2009 12:20:00	10/20/2009	Trithion	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.11	WKL	EUM
MO-OJA	2009/10-2	Wet	12/7/2009	12/8/2009	E. Coli	n/a	=	8164	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-OJA	2009/10-2	Wet	12/7/2009	12/10/2009	Fecal Coliform	n/a	=	30000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-OJA	2009/10-2	Wet	12/7/2009	12/8/2009	Total Coliform	n/a	=	4611000	MPN/100 mL	MMO-MUG	10000	10000	VCHCA	X
MO-OJA	2009/10-2	Wet	7/2009 1:45:00	12/18/2009	Cyanide	Total	=	0.0072	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-OJA	2009/10-2	Wet	7/2009 1:45:00	12/8/2009	pH	n/a	=	7.29	pH Units	SM 4500-H+ B	0.1	0.1	WKL	D
MO-OJA	2009/10-2	Wet	7/2009 1:45:00	12/22/2009	Oil and Grease	n/a	DNQ	3.4	mg/L	EPA 1664A	2	5	WKL	D
MO-OJA	2009/10-2	Wet	7/2009 1:45:00	12/22/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-OJA	2009/10-2	Wet	7/2009 1:45:00	12/18/2009	Mercury	Total	DNQ	11	ng/L	EPA 245.1	3.9	50	WKL	D
MO-OJA	2009/10-2	Wet	7/2009 1:45:00	12/9/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-OJA	2009/10-2	Wet	7/2009 1:45:00	12/9/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Chloride	n/a	=	74	mg/L	EPA 300.0	0.079	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Fluoride	n/a	=	0.13	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Calcium	Total	=	54	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Magnesium	Total	=	15	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/10/2009	Alkalinity as CaCO3	n/a	=	97	mg/L	SM 2320 B	1.2	2	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/14/2009	BOD	n/a	=	8.8	mg/L	SM 5210 B	0.1	2	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/10/2009	COD	n/a	=	47	mg/L	EPA 410.4	1.8	5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Hardness as CaCO3	Total	=	200	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/10/2009	MBAS	n/a	=	0.072	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/18/2009	Phenolics	n/a	=	0.063	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/9/2009	Specific Conductance	n/a	=	600	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/12/2009	Total Dissolved Solids	n/a	=	390	mg/L	SM 2540 C	4	10	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/23/2009	Total Organic Carbon	n/a	=	7.9	mg/L	SM 5310 C	0.16	1.5	WKL	D
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/12/2009	Total Suspended Solids	n/a	=	160	mg/L	SM 2540 D	5	5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/9/2009	Turbidity	n/a	=	30	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/12/2009	Volatile Suspended Solids	n/a	=	58	mg/L	EPA 160.4	3.1	5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Aluminum	Dissolved	=	23	µg/L	EPA 200.8	0.19	5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Aluminum	Total	=	1700	µg/L	EPA 200.8	0.19	5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Antimony	Dissolved	DNQ	0.43	µg/L	EPA 200.8	0.008	0.5	WKL	D
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Antimony	Total	=	0.77	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Arsenic	Total	=	1.6	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Beryllium	Total	DNQ	0.059	µg/L	EPA 200.8	0.022	0.1	WKL	D
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Cadmium	Dissolved	DNQ	0.066	µg/L	EPA 200.8	0.013	0.1	WKL	D
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Cadmium	Total	=	0.25	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Chromium	Dissolved	=	0.53	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Chromium	Total	=	4.1	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/10/2009	Chromium VI	n/a	=	0.48	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Copper	Dissolved	=	3.7	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Copper	Total	=	11	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Iron	Dissolved	=	27	µg/L	EPA 200.8	0.6	20	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Iron	Total	=	2200	µg/L	EPA 200.8	0.6	20	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Lead	Dissolved	=	0.25	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Lead	Total	=	5.7	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/18/2009	Mercury	Dissolved	DNQ	5	ng/L	EPA 245.1	3.9	50	WKL	D
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/18/2009	Mercury	Total	DNQ	20	ng/L	EPA 245.1	3.9	50	WKL	D
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Nickel	Dissolved	=	2	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Nickel	Total	=	5.3	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Selenium	Dissolved	=	1	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Selenium	Total	=	1.8	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Silver	Total	DNQ	0.058	µg/L	EPA 200.8	0.008	0.2	WKL	D
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Thallium	Total	DNQ	0.023	µg/L	EPA 200.8	0.02	0.2	WKL	D
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Zinc	Dissolved	=	22	µg/L	EPA 200.8	0.3	5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/16/2009	Zinc	Total	=	66	µg/L	EPA 200.8	0.3	5	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/11/2009	Ammonia as N	n/a	=	0.21	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/9/2009	Nitrate + Nitrite as N	n/a	=	0.68	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-OJA	2009/10-2	Wet	2009 10:00:00	12/9/2009	Nitrate as N	n/a	=	0.68	mg/L	EPA 353.2	0.022	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	Phosphorus as P	Dissolved	=	0.36	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	Phosphorus as P	Total	=	0.41	mg/L	EPA 365.1	0.014	0.1	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	TKN	n/a	=	0.66	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	3-/4-Methylphenol	n/a	DNQ	0.38	µg/L	EPA 8270Cm	0.3	1	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Bis(2-ethylhexyl)phthalate	n/a	DNQ	1.6	µg/L	EPA 525.2	1.1	3	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Diethyl phthalate	n/a	DNQ	0.28	µg/L	EPA 625	0.23	2	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	1/5/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/22/2009	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/18/2009	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	1	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/14/2009	Glyphosate	n/a	=	20	µg/L	EPA 547	1.8	5	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,IL
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/17/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Pentachlorophenol	n/a	=	0.26	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/27/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/11/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-OJA	2009/10-2	Wet	/2009 10:00:00	12/15/2009	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-2	Wet	1/2009 10:00:00	12/27/2009	Ronnel (Fenchlorphos)	n/a	=	0.12	µg/L	EPA 525.2	0.0082	0.02	WKL	D,IL
MO-OJA	2009/10-2	Wet	1/2009 10:00:00	12/15/2009	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-OJA	2009/10-2	Wet	1/2009 10:00:00	12/27/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
MO-OJA	2009/10-2	Wet	1/2009 10:00:00	12/15/2009	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-OJA	2009/10-2	Wet	1/2009 10:00:00	12/15/2009	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-OJA	2009/10-2	Wet	1/2009 10:00:00	12/27/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D
MO-OJA	2009/10-2	Wet	1/2009 10:00:00	12/17/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-OJA	2009/10-2	Wet	1/2009 10:00:00	12/27/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-OJA	2009/10-2	Wet	1/2009 10:00:00	12/15/2009	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	1/2010 9:20:00 A	E. Coli	n/a	=	1576	MPN/100 mL	MMO-MUG	10	10	VCHCA	D
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	1/2010 2:32:00 P	Fecal Coliform	n/a	=	3000	MPN/100 mL	SM 9221 E	2	2	VCHCA	D
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	1/2010 9:20:00 A	Total Coliform	n/a	=	104620	MPN/100 mL	MMO-MUG	100	100	VCHCA	D
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	2/17/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	5/2010 5:00:00 P	pH	n/a	=	7.66	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	2/17/2010	Oil and Grease	n/a	DNQ	2	mg/L	EPA 1664A	2	5	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	2/17/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	2/19/2010	Mercury	Total	DNQ	42	ng/L	EPA 245.1	3.9	50	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	2/9/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 10:15:00	2/9/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/17/2010	Chloride	n/a	=	130	mg/L	EPA 300.0	0.79	5	WKL	D
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/17/2010	Fluoride	n/a	=	0.22	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/10/2010	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/12/2010	Calcium	Total	=	110	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/12/2010	Magnesium	Total	=	31	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/9/2010	Alkalinity as CaCO3	n/a	=	210	mg/L	SM 2320 B	1.2	2	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/16/2010	BOD	n/a	=	3.1	mg/L	SM 5210 B	0.1	2	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/11/2010	COD	n/a	=	21	mg/L	EPA 410.4	1.8	5	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/12/2010	Hardness as CaCO3	Total	=	390	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/8/2010	MBAS	n/a	=	0.081	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/19/2010	Phenolics	n/a	=	0.11	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/9/2010	Specific Conductance	n/a	=	1100	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/13/2010	Total Dissolved Solids	n/a	=	700	mg/L	SM 2540 C	4	10	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Total Organic Carbon	n/a	=	3.3	mg/L	SM 5310 C	0.064	0.6	WKL	D
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/13/2010	Total Suspended Solids	n/a	=	90	mg/L	SM 2540 D	5	5	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/8/2010	Turbidity	n/a	=	61	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/13/2010	Volatile Suspended Solids	n/a	=	15	mg/L	EPA 160.4	3.1	5	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Aluminum	Dissolved	=	16	µg/L	EPA 200.8	0.19	5	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Aluminum	Total	=	2100	µg/L	EPA 200.8	0.19	5	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Antimony	Dissolved	DNQ	0.2	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Antimony	Total	DNQ	0.43	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Arsenic	Dissolved	=	1.1	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Arsenic	Total	=	1.7	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Beryllium	Total	DNQ	0.08	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Cadmium	Dissolved	DNQ	0.05	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Cadmium	Total	=	0.18	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Chromium	Dissolved	=	0.42	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-OJA	2009/10-3	Wet	2/2010 11:35:00	2/18/2010	Chromium	Total	=	4	µg/L	EPA 200.8	0.012	0.2	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/10/2010	Chromium VI	n/a	DNQ	0.22	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/19/2010	Copper	Dissolved	=	2.8	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Copper	Total	=	10	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Iron	Dissolved	=	25	µg/L	EPA 200.8	0.6	20	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Iron	Total	=	3000	µg/L	EPA 200.8	0.6	20	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Lead	Dissolved	DNQ	0.1	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Lead	Total	=	4	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Mercury	Dissolved	DNQ	25	ng/L	EPA 245.1	3.9	50	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Mercury	Total	DNQ	32	ng/L	EPA 245.1	3.9	50	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Nickel	Dissolved	=	0.85	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Nickel	Total	=	4.5	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Selenium	Dissolved	=	0.8	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Selenium	Total	=	0.9	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Silver	Total	DNQ	0.04	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Zinc	Dissolved	=	11	µg/L	EPA 200.8	0.3	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Zinc	Total	=	43	µg/L	EPA 200.8	0.3	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Ammonia as N	n/a	<	0.048	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/8/2010	Nitrate + Nitrite as N	n/a	=	0.89	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/8/2010	Nitrate as N	n/a	=	0.89	mg/L	EPA 353.2	0.022	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Phosphorus as P	Dissolved	=	0.15	mg/L	EPA 365.1	0.0014	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/18/2010	Phosphorus as P	Total	=	0.23	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/12/2010	TKN	n/a	=	0.76	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	3-/4-Methylphenol	n/a	DNQ	0.38	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Benzidine	n/a	DNQ	0.71	µg/L	EPA 625	0.7	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Di-n-butylphthalate	n/a	DNQ	0.74	µg/L	EPA 625	0.53	5	WKL	EUM
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/20/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/16/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	alpha-Chlordane	n/a	<	0.0013	µg/L	EPA 608	0.0013	0.01	WKL	EUM
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/23/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/4/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	2/17/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00	3/3/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/4/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/4/2010	gamma-Chlordane	n/a	<	0.0014	µg/L	EPA 608	0.0014	0.01	WKL	EUM
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/8/2010	Glyphosate	n/a	DNQ	4.7	µg/L	EPA 547	1.8	5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/4/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/4/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	IL
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/4/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/17/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/17/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/4/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/17/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/23/2010	Pentachlorophenol	n/a	=	0.24	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/23/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/17/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/17/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/17/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/17/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/17/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/4/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	3/3/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-OJA	2009/10-3	Wet	/2010 11:35:00 A	2/17/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-OJA	2009/10-4	Dry	/2010 10:15:00	3/2010 11:30:00	E. Coli	n/a	=	2014	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-OJA	2009/10-4	Dry	/2010 10:15:00	1/2010 1:42:00 I	Fecal Coliform	n/a	=	1400	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-OJA	2009/10-4	Dry	/2010 10:15:00	1/2010 1:42:00 I	Total Coliform	n/a	=	14136	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-OJA	2009/10-4	Dry	/2010 10:15:00	3/26/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-OJA	2009/10-4	Dry	/2010 10:15:00	8/2010 4:00:00 I	pH	n/a	=	8.14	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
MO-OJA	2009/10-4	Dry	/2010 10:15:00	3/23/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-OJA	2009/10-4	Dry	/2010 10:15:00	3/23/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-OJA	2009/10-4	Dry	/2010 10:15:00	3/24/2010	Mercury	Total	DNQ	14	ng/L	EPA 245.1	3.9	50	WKL	X
MO-OJA	2009/10-4	Dry	/2010 10:15:00	3/19/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-OJA	2009/10-4	Dry	/2010 10:15:00	3/19/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-OJA	2009/10-4	Dry	8/2010 9:15:00 A	3/23/2010	Chloride	n/a	=	170	mg/L	EPA 300.0	0.79	5	WKL	D
MO-OJA	2009/10-4	Dry	8/2010 9:15:00 A	3/23/2010	Fluoride	n/a	=	0.52	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-OJA	2009/10-4	Dry	8/2010 9:15:00 A	3/31/2010	Perchlorate	n/a	<	1.6	µg/L	EPA 314.0	1.6	4	WKL	D
MO-OJA	2009/10-4	Dry	8/2010 9:15:00 A	3/26/2010	Calcium	Total	=	170	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-OJA	2009/10-4	Dry	8/2010 9:15:00 A	3/26/2010	Magnesium	Total	=	66	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-OJA	2009/10-4	Dry	8/2010 9:15:00 A	3/22/2010	Alkalinity as CaCO3	n/a	=	370	mg/L	SM 2320 B	1.2	10	WKL	X
MO-OJA	2009/10-4	Dry	8/2010 9:15:00 A	3/24/2010	BOD	n/a	DNQ	1.3	mg/L	SM 5210 B	0.1	2	WKL	X
MO-OJA	2009/10-4	Dry	8/2010 9:15:00 A	3/23/2010	COD	n/a	=	12	mg/L	EPA 410.4	1.8	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Hardness as CaCO3	Total	=	710	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/2010 5:53:00 I	MBAS	n/a	<	0.019	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/31/2010	Phenolics	n/a	=	0.035	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Specific Conductance	n/a	=	1800	µmhos/cm	SM 2510 B	0.47	4	WKL	D
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Total Dissolved Solids	n/a	=	1200	mg/L	SM 2540 C	4	10	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/24/2010	Total Organic Carbon	n/a	=	2.7	mg/L	SM 5310 C	0.064	0.6	WKL	D
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Total Suspended Solids	n/a	<	5	mg/L	SM 2540 D	5	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/19/2010	Turbidity	n/a	=	0.44	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/23/2010	Volatile Suspended Solids	n/a	<	3.1	mg/L	EPA 160.4	3.1	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Aluminum	Dissolved	DNQ	1.3	µg/L	EPA 200.8	0.19	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Aluminum	Total	DNQ	3.2	µg/L	EPA 200.8	0.19	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Antimony	Dissolved	DNQ	0.11	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Antimony	Total	DNQ	0.1	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Arsenic	Dissolved	=	0.47	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Arsenic	Total	=	0.47	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Cadmium	Dissolved	DNQ	0.014	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Cadmium	Total	DNQ	0.025	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Chromium	Dissolved	DNQ	0.14	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Chromium	Total	DNQ	0.13	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/19/2010	Chromium VI	n/a	DNQ	0.23	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Copper	Dissolved	=	1.2	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Copper	Total	=	1.3	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Iron	Dissolved	DNQ	9	µg/L	EPA 200.8	0.6	20	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Iron	Total	DNQ	11	µg/L	EPA 200.8	0.6	20	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Lead	Dissolved	DNQ	0.018	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Lead	Total	DNQ	0.029	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Mercury	Dissolved	DNQ	45	ng/L	EPA 245.1	3.9	50	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Mercury	Total	=	50	ng/L	EPA 245.1	3.9	50	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Nickel	Dissolved	=	2.5	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Nickel	Total	=	2.4	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Selenium	Dissolved	=	1.3	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Selenium	Total	=	1.4	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Zinc	Dissolved	DNQ	2.4	µg/L	EPA 200.8	0.3	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Zinc	Total	DNQ	1.5	µg/L	EPA 200.8	0.3	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Ammonia as N	n/a	DNQ	0.051	mg/L	EPA 350.1	0.048	0.1	WKL	EUM
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/19/2010	Nitrate + Nitrite as N	n/a	=	3.1	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/19/2010	Nitrate as N	n/a	=	3.1	mg/L	EPA 353.2	0.022	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/29/2010	Phosphorus as P	Dissolved	DNQ	0.0043	mg/L	EPA 365.1	0.0014	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/29/2010	Phosphorus as P	Total	DNQ	0.0096	mg/L	EPA 365.1	0.0014	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	TKN	n/a	<	0.074	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Phenol	n/a	DNQ	0.64	µg/L	EPA 8270Cm	0.35	1	WKL	EU
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/22/2010	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/30/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/26/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	3/25/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00 A	4/12/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-OJA	2009/10-4	Dry	3/2010 9:15:00	3/30/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00	4/12/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-OJA	2009/10-4	Dry	3/2010 9:15:00	3/25/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	4/2009 8:10:00	E. Coli	n/a	=	14140	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	4/2009 8:10:00	Enterococcus	n/a	=	1013	MPN/100 mL	Enterolert	10	10	VCHCA	X
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	7/2009 1:50:00	Fecal Coliform	n/a	=	24000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	7/2009 1:50:00	Total Coliform	n/a	=	770100	MPN/100 mL	MMO-MUG	10000	10000	VCHCA	D
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	10/22/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	10/15/2009	pH	n/a	=	7.15	pH Units	SM 4500-H+ B	0.1	0.1	WKL	X
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	10/16/2009	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	10/21/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	10/15/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-VEN	2009/10-1	Wet	3/2009 11:15:00	10/15/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/17/2009	Chloride	n/a	=	17	mg/L	EPA 300.0	0.079	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/17/2009	Fluoride	n/a	=	0.21	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/21/2009	Calcium	Total	=	24	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/21/2009	Magnesium	Total	=	5.8	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/21/2009	Alkalinity as CaCO3	n/a	=	34	mg/L	SM 2320 B	-88	2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	BOD	n/a	=	7.7	mg/L	SM 5210 B	0.1	2	WKL	J
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/17/2009	COD	n/a	=	100	mg/L	EPA 410.4	1.8	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/21/2009	Hardness as CaCO3	Total	=	83	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/15/2009	MBAS	n/a	=	0.59	mg/L	SM 5540 C	0.076	0.2	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/26/2009	Phenolics	n/a	=	0.052	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	11/11/2009	Specific Conductance	n/a	=	260	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	4/2009 5:12:00	Total Chlorine Residual	n/a	<	0.0016	mg/L	SM 4500-Cl G	0.0016	0.05	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Total Dissolved Solids	n/a	=	180	mg/L	SM 2540 C	4	10	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/25/2009	Total Organic Carbon	n/a	=	22	mg/L	SM 5310 C	0.64	6	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/19/2009	Total Suspended Solids	n/a	=	58	mg/L	SM 2540 D	5	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/15/2009	Turbidity	n/a	=	20	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/19/2009	Volatile Suspended Solids	n/a	=	29	mg/L	EPA 160.4	-88	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Aluminum	Dissolved	=	31	µg/L	EPA 200.8	0.19	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Aluminum	Total	=	1200	µg/L	EPA 200.8	0.19	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Antimony	Dissolved	=	1	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Antimony	Total	=	1.9	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Arsenic	Dissolved	=	1.2	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Arsenic	Total	=	1.9	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Barium	Dissolved	=	17	µg/L	EPA 200.8	0.024	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Barium	Total	=	35	µg/L	EPA 200.8	0.024	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Beryllium	Total	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Cadmium	Dissolved	<	0.013	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Cadmium	Total	=	0.19	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Chromium	Dissolved	=	0.85	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Chromium	Total	=	3.3	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Chromium VI	n/a	=	0.55	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Copper	Dissolved	=	14	µg/L	EPA 200.8	0.022	0.5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Copper	Total	=	27	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Iron	Dissolved	=	88	µg/L	EPA 200.8	0.6	20	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Iron	Total	=	1800	µg/L	EPA 200.8	0.6	20	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Lead	Dissolved	=	0.8	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Lead	Total	=	6.3	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/22/2009	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/22/2009	Mercury	Total	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Nickel	Dissolved	=	5.3	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Nickel	Total	=	8.3	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Selenium	Dissolved	=	0.91	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Selenium	Total	=	1.6	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Zinc	Dissolved	=	83	µg/L	EPA 200.8	0.3	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Zinc	Total	=	150	µg/L	EPA 200.8	0.3	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/27/2009	Ammonia as N	n/a	=	0.42	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/15/2009	Nitrate + Nitrite as N	n/a	=	1.2	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/15/2009	Nitrate as N	n/a	=	1.1	mg/L	EPA 353.2	0.022	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Phosphorus as P	Dissolved	=	0.34	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Phosphorus as P	Total	=	0.52	mg/L	EPA 365.1	0.0056	0.04	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/26/2009	TKN	n/a	=	2.4	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	2,4,6-Trichlorophenol	n/a	<	0.88	µg/L	EPA 625	0.88	10	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	2,4-Dichlorophenol	n/a	<	0.77	µg/L	EPA 625	0.77	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	2,4-Dimethylphenol	n/a	<	0.8	µg/L	EPA 625	0.8	2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	2,4-Dinitrophenol	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	2-Chlorophenol	n/a	<	0.71	µg/L	EPA 625	0.71	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	2-Nitrophenol	n/a	<	0.84	µg/L	EPA 625	0.84	10	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.33	µg/L	EPA 625	0.33	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	4-Chloro-3-methylphenol	n/a	<	0.4	µg/L	EPA 625	0.4	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	4-Nitrophenol	n/a	<	6.7	µg/L	EPA 625	6.7	10	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Acenaphthene	n/a	<	0.31	µg/L	EPA 625	0.31	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Acenaphthylene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Anthracene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Benz(a)anthracene	n/a	<	0.19	µg/L	EPA 625	0.19	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Benzo(a)pyrene	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.15	WKL	EUM,IL
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Benzo(b)fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Benzo(g,h,i)perylene	n/a	<	0.31	µg/L	EPA 625	0.31	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Benzo(k)fluoranthene	n/a	<	0.23	µg/L	EPA 625	0.23	10	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.34	µg/L	EPA 525.2	0.34	7.5	WKL	EUM,IL
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Bis(2-ethylhexyl)phthalate	n/a	<	1.6	µg/L	EPA 525.2	1.6	4.5	WKL	EUM,IL
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Chrysene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Dibenz(a,h)anthracene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Di-n-butylphthalate	n/a	<	0.53	µg/L	EPA 625	0.53	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Fluoranthene	n/a	<	0.16	µg/L	EPA 625	0.16	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Fluorene	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	IL
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.32	µg/L	EPA 625	0.32	10	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Naphthalene	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Phenanthrene	n/a	<	0.25	µg/L	EPA 625	0.25	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Phenol	n/a	<	0.3	µg/L	EPA 625	0.3	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/24/2009	Pyrene	n/a	<	0.16	µg/L	EPA 625	0.16	5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Alachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Atrazine	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D,EUM
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	EU
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Bromacil	n/a	<	1.3	µg/L	EPA 525.2	1.3	1.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Butachlor	n/a	<	0.15	µg/L	EPA 525.2	0.15	0.3	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Captan	n/a	<	1.3	µg/L	EPA 525.2	1.3	1.5	WKL	IL
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	-88	1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Chloropropham	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Chlorpyrifos	n/a	<	0.014	µg/L	EPA 525.2	0.014	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D,EUM
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Cyanazine	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Diphenamid	n/a	<	0.03	µg/L	EPA 525.2	0.03	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	EPTC	n/a	<	0.34	µg/L	EPA 525.2	0.34	1.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D,EUM
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Ethyl parathion	n/a	<	0.0002	µg/L	EPA 525.2	0.0002	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D,EUM
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Glyphosate	n/a	=	8.1	µg/L	EPA 547m	1.8	5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Malathion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D,EUM
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Metolachlor	n/a	<	0.084	µg/L	EPA 525.2	0.084	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Metribuzin	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D,EUM
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	-88	0.01	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Molinate	n/a	<	0.076	µg/L	EPA 525.2	0.076	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/16/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Prometon	n/a	<	0.24	µg/L	EPA 525.2	0.24	0.3	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Prometryn	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Ronnel (Fenchlorphos)	n/a	<	0.0082	µg/L	EPA 525.2	0.0082	0.02	WKL	D,EUM
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Simazine	n/a	<	0.12	µg/L	EPA 525.2	0.12	0.15	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Terbacil	n/a	<	0.82	µg/L	EPA 525.2	0.82	3	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Thiobencarb	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.3	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D,EUM
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/23/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/29/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-VEN	2009/10-1	Wet	4/2009 11:10:00	10/20/2009	Trithion	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.15	WKL	EUM
MO-VEN	2009/10-2	Wet	12/7/2009	12/8/2009	E. Coli	n/a	=	8664	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-VEN	2009/10-2	Wet	12/7/2009	12/11/2009	Fecal Coliform	n/a	=	16000	MPN/100 mL	SM 9221 E	10	10	VCHCA	X
MO-VEN	2009/10-2	Wet	12/7/2009	12/8/2009	Total Coliform	n/a	=	260200	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	X
MO-VEN	2009/10-2	Wet	7/2009 4:00:00	12/18/2009	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-VEN	2009/10-2	Wet	7/2009 4:00:00	12/8/2009	pH	n/a	=	6.6	pH Units	SM 4500-H+ B	0.1	0.1	WKL	D
MO-VEN	2009/10-2	Wet	7/2009 4:00:00	12/22/2009	Oil and Grease	n/a	DNQ	4.3	mg/L	EPA 1664A	2	5	WKL	D
MO-VEN	2009/10-2	Wet	7/2009 4:00:00	12/22/2009	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-VEN	2009/10-2	Wet	7/2009 4:00:00	12/18/2009	Mercury	Total	DNQ	19	ng/L	EPA 245.1	3.9	50	WKL	D
MO-VEN	2009/10-2	Wet	7/2009 4:00:00	12/9/2009	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-VEN	2009/10-2	Wet	7/2009 4:00:00	12/9/2009	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/12/2009	Chloride	n/a	=	7.9	mg/L	EPA 300.0	0.079	0.5	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/12/2009	Fluoride	n/a	=	0.12	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/11/2009	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/16/2009	Calcium	Total	=	17	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/16/2009	Magnesium	Total	=	4	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/17/2009	Alkalinity as CaCO3	n/a	=	32	mg/L	SM 2320 B	1.2	2	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/14/2009	BOD	n/a	=	13	mg/L	SM 5210 B	0.1	2	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/10/2009	COD	n/a	=	64	mg/L	EPA 410.4	1.8	5	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/16/2009	Hardness as CaCO3	Total	=	58	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/10/2009	MBAS	n/a	=	0.12	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/18/2009	Phenolics	n/a	=	0.067	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-VEN	2009/10-2	Wet	9/2009 11:30:00	12/9/2009	Specific Conductance	n/a	=	180	µmhos/cm	SM 2510 B	0.23	2	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/12/2009	Total Dissolved Solids	n/a	=	120	mg/L	SM 2540 C	4	10	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/23/2009	Total Organic Carbon	n/a	=	14	mg/L	SM 5310 C	0.32	3	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/12/2009	Total Suspended Solids	n/a	=	95	mg/L	SM 2540 D	5	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/9/2009	Turbidity	n/a	=	29	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/12/2009	Volatile Suspended Solids	n/a	=	31	mg/L	EPA 160.4	3.1	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Aluminum	Dissolved	=	50	µg/L	EPA 200.8	0.19	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Aluminum	Total	=	1600	µg/L	EPA 200.8	0.19	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Antimony	Dissolved	=	1.1	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Antimony	Total	=	1.7	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Arsenic	Dissolved	=	1	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Arsenic	Total	=	1.7	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Beryllium	Total	DNQ	0.067	µg/L	EPA 200.8	0.022	0.1	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Cadmium	Dissolved	DNQ	0.087	µg/L	EPA 200.8	0.013	0.1	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Cadmium	Total	=	0.28	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Chromium	Dissolved	=	1	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Chromium	Total	=	4.4	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/10/2009	Chromium VI	n/a	=	0.91	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Copper	Dissolved	=	11	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Copper	Total	=	28	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Iron	Dissolved	=	89	µg/L	EPA 200.8	0.6	20	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Iron	Total	=	2600	µg/L	EPA 200.8	0.6	20	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Lead	Dissolved	=	0.72	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Lead	Total	=	9.1	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Mercury	Dissolved	<	3.9	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Mercury	Total	DNQ	20	ng/L	EPA 245.1	3.9	50	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Nickel	Dissolved	=	3.2	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Nickel	Total	=	7	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Selenium	Dissolved	=	0.52	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Selenium	Total	=	0.95	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Silver	Total	DNQ	0.04	µg/L	EPA 200.8	0.008	0.2	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Thallium	Total	DNQ	0.025	µg/L	EPA 200.8	0.02	0.2	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Zinc	Dissolved	=	66	µg/L	EPA 200.8	0.3	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/16/2009	Zinc	Total	=	150	µg/L	EPA 200.8	0.3	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Ammonia as N	n/a	=	0.44	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/9/2009	Nitrate + Nitrite as N	n/a	=	0.97	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	Phosphorus as P	Dissolved	=	0.27	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	Phosphorus as P	Total	=	0.64	mg/L	EPA 365.1	0.014	0.1	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/17/2009	TKN	n/a	=	1.8	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	3-/4-Methylphenol	n/a	DNQ	0.37	µg/L	EPA 8270Cm	0.3	1	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/22/2009	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Bis(2-ethylhexyl)phthalate	n/a	=	4.3	µg/L	EPA 525.2	1.1	3	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Di-n-butylphthalate	n/a	DNQ	0.98	µg/L	EPA 625	0.53	5	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/18/2009	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	1/5/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	1/5/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	1/5/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/18/2009	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/22/2009	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/18/2009	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	4,4'-DDT	n/a	=	0.012	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/15/2009	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	alpha-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/15/2009	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/27/2009	Azinphos methyl	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/27/2009	Bolstar	n/a	<	0.0092	µg/L	EPA 525.2	0.0092	0.02	WKL	D
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/15/2009	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/15/2009	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/15/2009	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	Chloramben	n/a	<	1	µg/L	EPA 515.3	1	1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/15/2009	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/27/2009	Chlorpyrifos	n/a	=	0.026	µg/L	EPA 525.2	0.014	0.02	WKL	D
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/27/2009	Coumaphos	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/15/2009	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/11/2009	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/21/2009	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/27/2009	Demeton-O	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/27/2009	Demeton-S	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-VEN	2009/10-2	Wet	1/2009 11:30:00	12/27/2009	Diazinon	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.02	WKL	D

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/11/2009	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/11/2009	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Dichlorvos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Dimethoate	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/11/2009	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Disulfoton	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Ethoprop	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Ethyl parathion	n/a	<	0.011	µg/L	EPA 525.2	0.011	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Fensulfothion	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Fenthion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	gamma-Chlordane	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Glyphosate	n/a	DNQ	3.8	µg/L	EPA 547	1.8	5	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Malathion	n/a	=	1	µg/L	EPA 525.2	0.015	0.02	WKL	D,IL
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Merphos	n/a	<	0.012	µg/L	EPA 525.2	0.012	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Methyl parathion	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Mevinphos	n/a	<	0.0084	µg/L	EPA 525.2	0.0084	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Naled	n/a	<	0.015	µg/L	EPA 525.2	0.015	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/11/2009	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Phorate	n/a	<	0.006	µg/L	EPA 525.2	0.006	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/11/2009	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Ronnel (Fenchlorphos)	n/a	=	0.46	µg/L	EPA 525.2	0.0082	0.02	WKL	D,IL
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Stirophos (Tetrachlorvinphos)	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Tokuthion	n/a	<	0.016	µg/L	EPA 525.2	0.016	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/21/2009	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/27/2009	Trichloronate	n/a	<	0.013	µg/L	EPA 525.2	0.013	0.02	WKL	D
MO-VEN	2009/10-2	Wet	/2009 11:30:00	12/15/2009	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	/2010 11:00:00 A	E. Coli	n/a	=	2851	MPN/100 mL	MMO-MUG	10	10	VCHCA	D

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	9/2010 2:58:00 P	Fecal Coliform	n/a	=	3000	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	2010 11:00:00 A	Total Coliform	n/a	=	387300	MPN/100 mL	MMO-MUG	1000	1000	VCHCA	D
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	2/17/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	/2010 5:00:00 P	pH	n/a	=	7.48	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	2/17/2010	Oil and Grease	n/a	DNQ	2.1	mg/L	EPA 1664A	2	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	2/17/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	2/19/2010	Mercury	Total	DNQ	41	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	2/9/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 9:10:00 A	2/9/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Chloride	n/a	=	7.7	mg/L	EPA 300.0	0.079	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Fluoride	n/a	DNQ	0.076	mg/L	EPA 300.0	0.013	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/10/2010	Perchlorate	n/a	<	0.82	µg/L	EPA 314.0	0.82	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/12/2010	Calcium	Total	=	13	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/12/2010	Magnesium	Total	=	5.8	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Alkalinity as CaCO3	n/a	=	26	mg/L	SM 2320 B	1.2	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	BOD	n/a	=	5.6	mg/L	SM 5210 B	0.1	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/11/2010	COD	n/a	=	17	mg/L	EPA 410.4	1.8	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/12/2010	Hardness as CaCO3	Total	=	56	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/8/2010	MBAS	n/a	=	0.19	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/19/2010	Phenolics	n/a	=	0.12	mg/L	EPA 420.4	0.0016	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/9/2010	Specific Conductance	n/a	=	220	µmhos/cm	SM 2510 B	0.23	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/13/2010	Total Dissolved Solids	n/a	=	110	mg/L	SM 2540 C	4	10	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Total Organic Carbon	n/a	=	5	mg/L	SM 5310 C	0.064	0.6	WKL	D
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/13/2010	Total Suspended Solids	n/a	=	77	mg/L	SM 2540 D	5	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/8/2010	Turbidity	n/a	=	44	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/13/2010	Volatile Suspended Solids	n/a	=	19	mg/L	EPA 160.4	3.1	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Aluminum	Dissolved	=	31	µg/L	EPA 200.8	0.19	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Aluminum	Total	=	1100	µg/L	EPA 200.8	0.19	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Antimony	Dissolved	=	0.61	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Antimony	Total	=	1.1	µg/L	EPA 200.8	0.008	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Arsenic	Dissolved	=	0.98	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Arsenic	Total	=	1.5	µg/L	EPA 200.8	0.014	0.4	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Beryllium	Dissolved	<	0.022	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Beryllium	Total	DNQ	0.03	µg/L	EPA 200.8	0.022	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Cadmium	Dissolved	DNQ	0.04	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Cadmium	Total	=	0.14	µg/L	EPA 200.8	0.013	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Chromium	Dissolved	=	1.1	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Chromium	Total	=	3.2	µg/L	EPA 200.8	0.012	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/10/2010	Chromium VI	n/a	=	0.69	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/19/2010	Copper	Dissolved	=	8.2	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Copper	Total	=	17	µg/L	EPA 200.8	0.022	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Iron	Dissolved	=	63	µg/L	EPA 200.8	0.6	20	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Iron	Total	=	1700	µg/L	EPA 200.8	0.6	20	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Lead	Dissolved	=	0.47	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Lead	Total	=	5.7	µg/L	EPA 200.8	0.017	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Mercury	Dissolved	DNQ	39	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Mercury	Total	DNQ	40	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Nickel	Dissolved	=	1.4	µg/L	EPA 200.8	0.011	0.8	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Nickel	Total	=	3.6	µg/L	EPA 200.8	0.011	0.8	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Selenium	Dissolved	=	0.42	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Selenium	Total	=	0.48	µg/L	EPA 200.8	0.017	0.4	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Silver	Dissolved	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Silver	Total	<	0.008	µg/L	EPA 200.8	0.008	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Thallium	Dissolved	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Thallium	Total	<	0.02	µg/L	EPA 200.8	0.02	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Zinc	Dissolved	=	29	µg/L	EPA 200.8	0.3	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Zinc	Total	=	78	µg/L	EPA 200.8	0.3	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Ammonia as N	n/a	=	0.17	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/12/2010	Nitrate + Nitrite as N	n/a	=	0.6	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Phosphorus as P	Dissolved	=	0.19	mg/L	EPA 365.1	0.0014	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/18/2010	Phosphorus as P	Total	=	0.26	mg/L	EPA 365.1	0.0028	0.02	WKL	D
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/12/2010	TKN	n/a	=	0.99	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	GB
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	3-/4-Methylphenol	n/a	DNQ	0.43	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Di-n-butylphthalate	n/a	DNQ	1.5	µg/L	EPA 625	0.53	5	WKL	EUM,GB
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	IL
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/20/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Phenol	n/a	<	0.35	µg/L	EPA 8270Cm	0.35	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/16/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	2,4-D	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	2,4'-DDT	n/a	=	0.012	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	4,4'-DDE	n/a	DNQ	0.015	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	4,4'-DDT	n/a	=	0.012	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	alpha-Chlordane	n/a	<	0.0013	µg/L	EPA 608	0.0013	0.01	WKL	EUM
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	IL
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	DCPA (Dacthal)	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	Dicamba	n/a	<	0.08	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	gamma-Chlordane	n/a	<	0.0014	µg/L	EPA 608	0.0014	0.01	WKL	EUM
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/8/2010	Glyphosate	n/a	=	37	µg/L	EPA 547	1.8	5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	IL
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	GB
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	Pentachlorophenol	n/a	=	0.24	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/23/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/4/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	3/3/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-VEN	2009/10-3	Wet	/2010 12:30:00	2/17/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	GB
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	/2010 11:30:00	E. Coli	n/a	<	10	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	1/2010 1:48:00	Fecal Coliform	n/a	=	13	MPN/100 mL	SM 9221 E	2	2	VCHCA	X
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	1/2010 1:48:00	Total Coliform	n/a	=	2359	MPN/100 mL	MMO-MUG	10	10	VCHCA	X
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	3/26/2010	Cyanide	Total	<	0.0027	mg/L	EPA 335.4	0.0027	0.005	WKL	X
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	8/2010 4:00:00	pH	n/a	=	9.53	pH Units	SM 4500-H+ B	0.1	0.1	WKL	BV
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	3/23/2010	Oil and Grease	n/a	<	2	mg/L	EPA 1664A	2	5	WKL	X
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	3/23/2010	TPH	n/a	<	1.9	mg/L	EPA 1664A	1.9	5	WKL	X
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	3/24/2010	Mercury	Total	DNQ	22	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	3/20/2010	2-Chloroethyl vinyl ether	n/a	<	0.35	µg/L	EPA 524.2	0.35	1	WKL	X
MO-VEN	2009/10-4	Dry	7/2010 12:15:00	3/20/2010	Methyl tert-butyl ether (MTBE)	n/a	<	1.1	µg/L	EPA 524.2	1.1	3	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/24/2010	Chloride	n/a	=	300	mg/L	EPA 300.0	0.4	2.5	WKL	D
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/24/2010	Fluoride	n/a	=	0.68	mg/L	EPA 300.0	0.065	0.5	WKL	D
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	4/2/2010	Perchlorate	n/a	<	16	µg/L	EPA 314.0	16	40	WKL	D
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/26/2010	Calcium	Total	=	290	mg/L	EPA 200.7	0.016	0.1	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/26/2010	Magnesium	Total	=	220	mg/L	EPA 200.7	0.012	0.1	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/22/2010	Alkalinity as CaCO3	n/a	=	200	mg/L	SM 2320 B	1.2	10	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/24/2010	BOD	n/a	=	19	mg/L	SM 5210 B	0.1	2	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/23/2010	COD	n/a	=	110	mg/L	EPA 410.4	1.8	5	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/26/2010	Hardness as CaCO3	Total	=	1600	mg/L	EPA 200.7	0.089	0.66	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	8/2010 5:53:00	MBAS	n/a	=	0.21	mg/L	SM 5540 C	0.019	0.05	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/31/2010	Phenolics	n/a	=	0.052	mg/L	EPA 420.4	0.0032	0.02	WKL	D
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/22/2010	Specific Conductance	n/a	=	7700	µmhos/cm	SM 2510 B	2.3	20	WKL	D
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/22/2010	Total Dissolved Solids	n/a	=	5200	mg/L	SM 2540 C	4	10	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/24/2010	Total Organic Carbon	n/a	=	31	mg/L	SM 5310 C	0.64	6	WKL	D
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/22/2010	Total Suspended Solids	n/a	=	11	mg/L	SM 2540 D	5	5	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/19/2010	Turbidity	n/a	=	2.2	NTU	EPA 180.1	0.04	0.1	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/23/2010	Volatile Suspended Solids	n/a	DNQ	4	mg/L	EPA 160.4	3.1	5	WKL	X
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/30/2010	Aluminum	Dissolved	DNQ	2.2	µg/L	EPA 200.8	0.95	25	WKL	D
MO-VEN	2009/10-4	Dry	4/2010 10:50:00	3/30/2010	Aluminum	Total	=	33	µg/L	EPA 200.8	0.95	25	WKL	D

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Antimony	Dissolved	DNQ	0.97	µg/L	EPA 200.8	0.04	2.5	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Antimony	Total	DNQ	0.99	µg/L	EPA 200.8	0.04	2.5	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Arsenic	Dissolved	=	4.3	µg/L	EPA 200.8	0.07	2	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Arsenic	Total	=	4.6	µg/L	EPA 200.8	0.07	2	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Beryllium	Dissolved	<	0.11	µg/L	EPA 200.8	0.11	0.5	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Beryllium	Total	<	0.11	µg/L	EPA 200.8	0.11	0.5	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Cadmium	Dissolved	DNQ	0.095	µg/L	EPA 200.8	0.065	0.5	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Cadmium	Total	DNQ	0.14	µg/L	EPA 200.8	0.065	0.5	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Chromium	Dissolved	DNQ	0.6	µg/L	EPA 200.8	0.06	1	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Chromium	Total	DNQ	0.59	µg/L	EPA 200.8	0.06	1	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/19/2010	Chromium VI	n/a	=	0.42	µg/L	EPA 218.6	0.0059	0.3	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Copper	Dissolved	=	45	µg/L	EPA 200.8	0.11	2.5	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Copper	Total	=	48	µg/L	EPA 200.8	0.11	2.5	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Iron	Dissolved	DNQ	65	µg/L	EPA 200.8	3	100	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Iron	Total	=	170	µg/L	EPA 200.8	3	100	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Lead	Dissolved	DNQ	0.23	µg/L	EPA 200.8	0.085	1	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Lead	Total	DNQ	0.7	µg/L	EPA 200.8	0.085	1	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Mercury	Dissolved	DNQ	49	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Mercury	Total	=	51	ng/L	EPA 245.1	3.9	50	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Nickel	Dissolved	=	7.5	µg/L	EPA 200.8	0.055	4	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Nickel	Total	=	16	µg/L	EPA 200.8	0.055	4	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Selenium	Dissolved	=	12	µg/L	EPA 200.8	0.085	2	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Selenium	Total	=	11	µg/L	EPA 200.8	0.085	2	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Silver	Dissolved	DNQ	0.041	µg/L	EPA 200.8	0.04	1	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Silver	Total	<	0.04	µg/L	EPA 200.8	0.04	1	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Thallium	Dissolved	<	0.1	µg/L	EPA 200.8	0.1	1	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Thallium	Total	<	0.1	µg/L	EPA 200.8	0.1	1	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Zinc	Dissolved	DNQ	7.7	µg/L	EPA 200.8	1.5	25	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Zinc	Total	DNQ	16	µg/L	EPA 200.8	1.5	25	WKL	D
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/1/2010	Ammonia as N	n/a	=	0.26	mg/L	EPA 350.1	0.048	0.1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/19/2010	Nitrate + Nitrite as N	n/a	=	0.12	mg/L	EPA 353.2	0.033	0.1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/29/2010	Phosphorus as P	Dissolved	=	0.043	mg/L	EPA 365.1	0.0014	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/29/2010	Phosphorus as P	Total	=	0.072	mg/L	EPA 365.1	0.0014	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	TKN	n/a	=	3	mg/L	EPA 351.2	0.074	0.1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	1,2,4-Trichlorobenzene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	1,2-Dichlorobenzene	n/a	<	0.3	µg/L	EPA 625	0.3	2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	1,2-Diphenylhydrazine	n/a	<	0.35	µg/L	EPA 625	0.35	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	1,3-Dichlorobenzene	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	1,4-Dichlorobenzene	n/a	<	0.32	µg/L	EPA 625	0.32	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	2,4,5-Trichlorophenol	n/a	<	0.29	µg/L	EPA 8270Cm	0.29	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	2,4,6-Trichlorophenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	2,4-Dichlorophenol	n/a	<	0.51	µg/L	EPA 8270Cm	0.51	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	2,4-Dimethylphenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	2,4-Dinitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	2,4-Dinitrotoluene	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	2,6-Dinitrotoluene	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	2-Chloronaphthalene	n/a	<	0.26	µg/L	EPA 625	0.26	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	2-Chlorophenol	n/a	<	0.65	µg/L	EPA 8270Cm	0.65	1	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	2-Methylphenol	n/a	<	0.34	µg/L	EPA 8270Cm	0.34	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	2-Nitrophenol	n/a	<	0.71	µg/L	EPA 8270Cm	0.71	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	3,3'-Dichlorobenzidine	n/a	<	0.3	µg/L	EPA 625	0.3	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	3-/4-Methylphenol	n/a	<	0.3	µg/L	EPA 8270Cm	0.3	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	4,6-Dinitro-2-methylphenol	n/a	<	0.14	µg/L	EPA 8270Cm	0.14	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	4-Bromophenyl phenyl ether	n/a	<	0.23	µg/L	EPA 625	0.23	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	4-Chloro-3-methylphenol	n/a	<	0.37	µg/L	EPA 8270Cm	0.37	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	4-Chlorophenyl phenyl ether	n/a	<	0.24	µg/L	EPA 625	0.24	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	4-Nitrophenol	n/a	<	1	µg/L	EPA 8270Cm	1	2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Acenaphthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Acenaphthylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Anthracene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Benz(a)anthracene	n/a	<	0.28	µg/L	EPA 8270Cm	0.28	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Benzidine	n/a	<	0.7	µg/L	EPA 625	0.7	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Benzo(a)pyrene	n/a	<	0.073	µg/L	EPA 525.2	0.073	0.1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Benzo(b)fluoranthene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Benzo(g,h,i)perylene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Benzo(k)fluoranthene	n/a	<	0.12	µg/L	EPA 8270Cm	0.12	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Bis(2-chloroethoxy)methane	n/a	<	0.4	µg/L	EPA 625	0.4	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Bis(2-chloroethyl)ether	n/a	<	0.46	µg/L	EPA 625	0.46	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Bis(2-chloroisopropyl)ether	n/a	<	0.48	µg/L	EPA 625	0.48	2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Bis(2-ethylhexyl)adipate	n/a	<	0.23	µg/L	EPA 525.2	0.23	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Bis(2-ethylhexyl)phthalate	n/a	<	1.1	µg/L	EPA 525.2	1.1	3	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Butyl benzyl phthalate	n/a	<	1	µg/L	EPA 625	1	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Chrysene	n/a	<	0.09	µg/L	EPA 8270Cm	0.09	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Dibenz(a,h)anthracene	n/a	<	0.13	µg/L	EPA 8270Cm	0.13	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Diethyl phthalate	n/a	<	0.23	µg/L	EPA 625	0.23	2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Dimethyl phthalate	n/a	<	0.26	µg/L	EPA 625	0.26	2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Di-n-butylphthalate	n/a	DNQ	0.6	µg/L	EPA 625	0.53	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Di-n-octylphthalate	n/a	<	0.28	µg/L	EPA 625	0.28	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Fluoranthene	n/a	<	0.2	µg/L	EPA 8270Cm	0.2	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Fluorene	n/a	<	0.15	µg/L	EPA 8270Cm	0.15	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Hexachlorobenzene	n/a	<	0.15	µg/L	EPA 625	0.15	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Hexachlorobutadiene	n/a	<	0.41	µg/L	EPA 625	0.41	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Hexachlorocyclopentadiene	n/a	<	5	µg/L	EPA 625	5	10	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Hexachloroethane	n/a	<	0.36	µg/L	EPA 625	0.36	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Indeno(1,2,3-cd)pyrene	n/a	<	0.1	µg/L	EPA 8270Cm	0.1	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Isophorone	n/a	<	0.33	µg/L	EPA 625	0.33	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Naphthalene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Nitrobenzene	n/a	<	0.37	µg/L	EPA 625	0.37	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	N-Nitrosodimethylamine	n/a	<	0.36	µg/L	EPA 625	0.36	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	N-Nitrosodi-N-propylamine	n/a	<	0.41	µg/L	EPA 625	0.41	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	N-Nitrosodiphenylamine	n/a	<	0.23	µg/L	EPA 625	0.23	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Phenanthrene	n/a	<	0.11	µg/L	EPA 8270Cm	0.11	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Phenol	n/a	DNQ	0.83	µg/L	EPA 8270Cm	0.35	1	WKL	EUM
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Pyrene	n/a	<	0.21	µg/L	EPA 8270Cm	0.21	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	PCB Aroclor 1016	n/a	<	0.05	µg/L	EPA 608	0.05	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	PCB Aroclor 1221	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X

2009/10 Laboratory Environmental Analysis Results

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	PCB Aroclor 1232	n/a	<	0.15	µg/L	EPA 608	0.15	0.5	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	PCB Aroclor 1242	n/a	<	0.07	µg/L	EPA 608	0.07	0.5	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	PCB Aroclor 1248	n/a	<	0.06	µg/L	EPA 608	0.06	0.5	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	PCB Aroclor 1254	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	PCB Aroclor 1260	n/a	<	0.04	µg/L	EPA 608	0.04	0.5	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	2,4,5-T	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.2	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	2,4,5-TP	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	2,4-D	n/a	=	4.8	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	2,4-DB	n/a	<	0.42	µg/L	EPA 515.3	0.42	2	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	2,4'-DDD	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	2,4'-DDE	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	2,4'-DDT	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	3,5-Dichlorobenzoic acid	n/a	<	0.08	µg/L	EPA 515.3	0.08	1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	4,4'-DDD	n/a	<	0.003	µg/L	EPA 608	0.003	0.05	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	4,4'-DDE	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.05	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	4,4'-DDT	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	Acifluorfen	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/25/2010	Alachlor	n/a	<	0.07	µg/L	EPA 525.2	0.07	0.1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	Aldrin	n/a	<	0.0015	µg/L	EPA 608	0.0015	0.005	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	alpha-BHC	n/a	<	0.0018	µg/L	EPA 608	0.0018	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	alpha-Chlordane	n/a	<	0.0041	µg/L	EPA 608	0.0041	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/25/2010	Atrazine	n/a	<	0.047	µg/L	EPA 525.2	0.047	0.1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Azinphos methyl	n/a	<	0.0055	µg/L	EPA 525.2	0.0055	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	Bentazon	n/a	<	0.23	µg/L	EPA 515.3	0.23	2	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	beta-BHC	n/a	<	0.0031	µg/L	EPA 608	0.0031	0.005	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Bolstar	n/a	<	0.0046	µg/L	EPA 525.2	0.0046	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/25/2010	Bromacil	n/a	<	0.9	µg/L	EPA 525.2	0.9	1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/25/2010	Butachlor	n/a	<	0.1	µg/L	EPA 525.2	0.1	0.2	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/25/2010	Captan	n/a	<	0.86	µg/L	EPA 525.2	0.86	1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	Chlordane (technical)	n/a	<	0.08	µg/L	EPA 608	0.08	0.1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/25/2010	Chloropropham	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Chlorpyrifos	n/a	<	0.0069	µg/L	EPA 525.2	0.0069	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Coumaphos	n/a	<	0.0051	µg/L	EPA 525.2	0.0051	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/25/2010	Cyanazine	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	Dalapon	n/a	<	0.04	µg/L	EPA 515.3	0.04	0.4	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	DCPA (Dacthal)	n/a	=	0.15	µg/L	EPA 515.3	0.02	0.1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	delta-BHC	n/a	<	0.0025	µg/L	EPA 608	0.0025	0.005	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Demeton-O	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Demeton-S	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Diazinon	n/a	<	0.0052	µg/L	EPA 525.2	0.0052	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	Dicamba	n/a	DNQ	0.59	µg/L	EPA 515.3	0.08	0.6	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	Dichlorprop	n/a	<	0.06	µg/L	EPA 515.3	0.06	0.3	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Dichlorvos	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/30/2010	Dieldrin	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Dimethoate	n/a	<	0.0062	µg/L	EPA 525.2	0.0062	0.01	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/26/2010	Dinoseb	n/a	<	0.05	µg/L	EPA 515.3	0.05	0.4	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	3/25/2010	Diphenamid	n/a	<	0.02	µg/L	EPA 525.2	0.02	0.1	WKL	X
MO-VEN	2009/10-4	Dry	/2010 10:50:00	4/12/2010	Disulfoton	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.01	WKL	X

Site ID	Event ID	Event Type	Sample Date	Analysis Date	Constituent	Fraction	Sign	Result	Units	Method	MDL	Reporting Limit	Analyzing Laboratory	Qualifier
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Endosulfan I	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.02	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Endosulfan II	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Endosulfan sulfate	n/a	<	0.008	µg/L	EPA 608	0.008	0.05	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Endrin	n/a	<	0.0028	µg/L	EPA 608	0.0028	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Endrin aldehyde	n/a	<	0.003	µg/L	EPA 608	0.003	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	EPTC	n/a	<	0.23	µg/L	EPA 525.2	0.23	1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Ethoprop	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Ethyl parathion	n/a	<	0.0054	µg/L	EPA 525.2	0.0054	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Fensulfothion	n/a	<	0.0029	µg/L	EPA 525.2	0.0029	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Fenthion	n/a	<	0.0038	µg/L	EPA 525.2	0.0038	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	gamma-BHC (Lindane)	n/a	<	0.0021	µg/L	EPA 608	0.0021	0.02	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	gamma-Chlordane	n/a	<	0.0044	µg/L	EPA 608	0.0044	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/22/2010	Glyphosate	n/a	<	1.8	µg/L	EPA 547	1.8	5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Heptachlor	n/a	<	0.0017	µg/L	EPA 608	0.0017	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Heptachlor epoxide	n/a	<	0.0019	µg/L	EPA 608	0.0019	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Malathion	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Merphos	n/a	<	0.0058	µg/L	EPA 525.2	0.0058	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Methoxychlor	n/a	<	0.0054	µg/L	EPA 608	0.0054	0.02	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Methyl parathion	n/a	<	0.0063	µg/L	EPA 525.2	0.0063	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Metolachlor	n/a	<	0.056	µg/L	EPA 525.2	0.056	0.1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Metribuzin	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Mevinphos	n/a	<	0.0042	µg/L	EPA 525.2	0.0042	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Mirex	n/a	<	0.01	µg/L	EPA 608	0.01	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Molinate	n/a	<	0.051	µg/L	EPA 525.2	0.051	0.1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Naled	n/a	<	0.0076	µg/L	EPA 525.2	0.0076	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/26/2010	Pentachlorophenol	n/a	<	0.02	µg/L	EPA 515.3	0.02	0.2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Phorate	n/a	<	0.003	µg/L	EPA 525.2	0.003	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/26/2010	Picloram	n/a	<	0.34	µg/L	EPA 515.3	0.34	0.6	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Prometon	n/a	<	0.16	µg/L	EPA 525.2	0.16	0.2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Prometryn	n/a	<	0.074	µg/L	EPA 525.2	0.074	0.1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Ronnel (Fenchlorphos)	n/a	<	0.0041	µg/L	EPA 525.2	0.0041	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Simazine	n/a	<	0.083	µg/L	EPA 525.2	0.083	0.1	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Stirophos (Tetrachlorvinphos)	n/a	<	0.0031	µg/L	EPA 525.2	0.0031	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Terbacil	n/a	<	0.55	µg/L	EPA 525.2	0.55	2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Thiobencarb	n/a	<	0.11	µg/L	EPA 525.2	0.11	0.2	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Tokuthion	n/a	<	0.0078	µg/L	EPA 525.2	0.0078	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/30/2010	Toxaphene	n/a	<	0.12	µg/L	EPA 608	0.12	0.5	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	4/12/2010	Trichloronate	n/a	<	0.0067	µg/L	EPA 525.2	0.0067	0.01	WKL	X
MO-VEN	2009/10-4	Dry	3/2010 10:50:00	3/25/2010	Trithion	n/a	<	0.01	µg/L	EPA 525.2	0.01	0.1	WKL	X

Appendix H. RWQCB Permission of Toxicity Species Substitution

California Regional Water Quality Control Board

Los Angeles Region

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

Linda S. Adams
Agency Secretary

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

Arnold Schwarzenegger
Governor

October 28, 2009

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

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

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

Dear Ms. Camacho:

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

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

RECEIVED
NOV 5 2009
WATERSHED PROTECTION DIST.

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

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

Sincerely,

Tracy J. Egoscue,
Executive Officer

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

Appendix I. Aquatic Toxicity Testing Lab Results

Chain of Custody Record

Ventura County Watershed Protection District
NPDES Stormwater Monitoring Program

Toxicity - ABC Laboratories

Sampling Date: 10/13/09 Sample Event: EVENT 1

Sampling Team: K. HAHS, T. LIDDELL, WB CAREY

SAMPLE ID	DATE/TIME COLLECTED	Chronic toxicity - topsmelt (*Atherinops affinis*) *	Chronic toxicity - giant kelp (*Macrocystis pyrifera*)	Chronic toxicity - purple sea urchin (*Strongylocentrotus purpuratus*)	Chronic toxicity - fathead minnow (*Pimephales promelas*)	Chronic toxicity - daphnid (*Ceriodaphnia dubia*)	Chronic toxicity - green alga (*Raphidocelis subcapitata*)	Number of 5-Gallon Buckets	NOTES
ME-CC	10/13/09 18:45	X	X	X				2	Note 1
ME-SCR	10/13/09 22:45	X	X	X				2	Note 1
ME-VR2	10/13/09 21:50	X	X	X				2	Note 1
Camarillo-1	10/13/09 18:30				X	X	X	2	Note 1
Ojai-1	10/13/09 20:50				X	X	X	2	Note 1
VCMeiners Oaks-1	10/13/09 20:15				X	X	X	2	Note 1
Ventura-1	10/13/09 23:15				X	X	X	2	Note 1

Relinquished Printed Name KELLY HAHS

Signature [signature]

Affiliation VCWPD Date/Time 10/14/09 / 10:40

Received Printed Name E. MATHENY

Signature [signature]

Affiliation _____ Date/Time 10-14-09 1040

Other Notes: Note 1: Please execute TIE if mortality >50%

Dilutions 6.25, 12.5, 25, 50, 100%

* Organisms were unavailable, See attached.

TEMP = 5.9 °C

CHLORINE = 20.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/R-95/136.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-CC
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.145

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

Germination	NOEC	=	100.00
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
Tube Length	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	01-6144-2367	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	14 Oct-09 13:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Oct-09 13:00	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	03-1184-5750	**Code:**	VCF1009145k	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:45	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	18h (5.8 °C)	**Station:**	ME-CC		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
16-9451-1195	Germination Rate	100	>100	N/A	5.36%	1	Dunnett's Multiple Comparison Test
16-5165-8433	Mean Length	100	>100	N/A	5.19%	1	Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
01-9537-1341	Germination Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
15-4620-9652	Mean Length	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
01-9537-1341	Germination Rate	Control Resp	0.896	0.7 - NL	Yes	Result Within Limits
16-9451-1195	Germination Rate	Control Resp	0.896	0.7 - NL	Yes	Result Within Limits
15-4620-9652	Mean Length	Control Resp	14.16	10 - NL	Yes	Result Within Limits
16-5165-8433	Mean Length	Control Resp	14.16	10 - NL	Yes	Result Within Limits
16-9451-1195	Germination Rate	PMSD	0.05361	NL - 0.2	No	Result Within Limits
16-5165-8433	Mean Length	PMSD	0.05193	NL - 0.2	No	Result Within Limits

Germination Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	0.896	0.8898	0.9022	0.88	0.92	0.003055	0.01673	1.87%	0.0%
6.25		5	0.902	0.8959	0.9081	0.88	0.92	0.003	0.01643	1.82%	-0.67%
12.5		5	0.936	0.9224	0.9496	0.89	0.98	0.006658	0.03647	3.9%	-4.46%
25		5	0.918	0.9103	0.9257	0.9	0.95	0.003742	0.02049	2.23%	-2.46%
50		5	0.898	0.8913	0.9047	0.88	0.92	0.003266	0.01789	1.99%	-0.22%
100		5	0.928	0.9164	0.9396	0.9	0.97	0.005686	0.03114	3.36%	-3.57%

Mean Length Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	14.16	14.07	14.25	13.8	14.4	0.04203	0.2302	1.63%	0.0%
6.25		5	14.5	14.25	14.75	13.9	15.6	0.1211	0.6633	4.58%	-2.4%
12.5		5	14.26	14.15	14.37	13.8	14.6	0.05416	0.2966	2.08%	-0.71%
25		5	14.12	13.92	14.32	13.5	14.7	0.09695	0.531	3.76%	0.28%
50		5	14.34	14.12	14.56	13.5	14.9	0.1069	0.5857	4.08%	-1.27%
100		5	14.36	14.17	14.55	13.9	15.1	0.09092	0.498	3.47%	-1.41%

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Germination Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.92	0.9	0.88	0.88	0.9
6.25		0.92	0.91	0.91	0.88	0.89
12.5		0.89	0.98	0.96	0.94	0.91
25		0.95	0.92	0.9	0.92	0.9
50		0.88	0.91	0.9	0.92	0.88
100		0.97	0.95	0.9	0.92	0.9

Mean Length Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	13.8	14.4	14.2	14.3	14.1
6.25		15.6	13.9	14.2	14.6	14.2
12.5		14.4	14.6	13.8	14.3	14.2
25		14.1	13.5	13.7	14.6	14.7
50		14.9	13.5	14	14.8	14.5
100		14.4	13.9	14.5	13.9	15.1

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	01-6144-2367	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	14 Oct-09 13:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Oct-09 13:00	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	03-1184-5750	**Code:**	VCF1009145k	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:45	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	18h (5.8 °C)	**Station:**	ME-CC		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.5	6.261	6.739	6	7	0.1179	0.7071	10.88%	0
6.25		2	6.35	6.135	6.565	5.9	6.8	0.1061	0.6364	10.02%	0
12.5		2	6.2	6.056	6.344	5.9	6.5	0.07071	0.4243	6.84%	0
25		2	5.65	5.483	5.817	5.3	6	0.0825	0.495	8.76%	0
50		2	6.05	5.835	6.265	5.6	6.5	0.1061	0.6364	10.52%	0
100		2	6.3	6.156	6.444	6	6.6	0.07071	0.4243	6.73%	0
Overall		12	6.175			5.3	7				0 (0%)

Light Level-Lux

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	701			701	701	0	0	0.0%	0
6.25		1	701			701	701	0	0	0.0%	0
12.5		1	701			701	701	0	0	0.0%	0
25		1	701			701	701	0	0	0.0%	0
50		1	701			701	701	0	0	0.0%	0
100		1	701			701	701	0	0	0.0%	0
Overall		6	701			701	701				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	8	8	8	8	8	0	0	0.0%	0
6.25		2	8.05	8.026	8.074	8	8.1	0.01179	0.07073	0.88%	0
12.5		2	8.05	8.026	8.074	8	8.1	0.01179	0.07073	0.88%	0
25		2	8.1	8.052	8.148	8	8.2	0.02357	0.1414	1.75%	0
50		2	8.15	8.126	8.174	8.1	8.2	0.01179	0.07073	0.87%	0
100		2	8.1	8.052	8.148	8	8.2	0.02357	0.1414	1.75%	0
Overall		12	8.075			8	8.2				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
6.25		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
12.5		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
25		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
50		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
100		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
Overall		12	15.3			15.2	15.4				0 (0%)

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	7	6
6.25		6.8	5.9
12.5		6.5	5.9
25		6	5.3
50		6.5	5.6
100		6.6	6

Light Level-Lux

Conc-%	Control Type	1	2
0	Negative Contr	701	
6.25		701	
12.5		701	
25		701	
50		701	
100		701	

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	8	8
6.25		8.1	8
12.5		8.1	8
25		8.2	8
50		8.2	8.1
100		8.2	8

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	15.2	15.4
6.25		15.2	15.4
12.5		15.2	15.4
25		15.2	15.4
50		15.2	15.4
100		15.2	15.4

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-600/R95/136, 1995*. Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-CC
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.145

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	08-6502-2240	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	15 Oct-09 16:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Oct-09 17:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	01-1722-0275	**Code:**	VCF1009145u	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:45	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	45h (5.8 °C)	**Station:**	ME-CC		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
00-9763-7259	Fertilization Rate	100	>100	N/A	0.25%	1	Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
19-5348-7460	Fertilization Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
00-9763-7259	Fertilization Rate	Control Resp	1	0.7 - NL	Yes	Result Within Limits
19-5348-7460	Fertilization Rate	Control Resp	1	0.7 - NL	Yes	Result Within Limits
00-9763-7259	Fertilization Rate	PMSD	0.0025	NL - 0.25	No	Result Within Limits

Fertilization Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1	1	1	1	1	0	0	0.0%	0.0%
6.25		4	1	1	1	1	1	0	0	0.0%	0.0%
12.5		4	1	1	1	1	1	0	0	0.0%	0.0%
25		4	1	1	1	1	1	0	0	0.0%	0.0%
50		4	1	1	1	1	1	0	0	0.0%	0.0%
100		4	1	1	1	1	1	0	0	0.0%	0.0%

Fertilization Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
6.25		1	1	1	1
12.5		1	1	1	1
25		1	1	1	1
50		1	1	1	1
100		1	1	1	1

CETIS Measurement Report

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	08-6502-2240	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	15 Oct-09 16:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Oct-09 17:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	01-1722-0275	**Code:**	VCF1009145u	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:45	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	45h (5.8 °C)	**Station:**	ME-CC		

Parameter Acceptability

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	15.2	15.5	11 - 13	Yes	Results Above Limit

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.15	5.935	6.365	5.7	6.6	0.1061	0.6364	10.35%	0
6.25		2	6.05	5.787	6.313	5.5	6.6	0.1296	0.7778	12.86%	0
12.5		2	6.05	5.835	6.265	5.6	6.5	0.1061	0.6364	10.52%	0
25		2	6.1	5.861	6.339	5.6	6.6	0.1179	0.7071	11.59%	0
50		2	5.85	5.683	6.017	5.5	6.2	0.0825	0.495	8.46%	0
100		2	5.65	5.53	5.77	5.4	5.9	0.05893	0.3536	6.26%	0
Overall		12	5.975			5.4	6.6				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
6.25		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
12.5		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
25		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
50		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
100		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
Overall		12	7.917			7.9	8				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15.45	15.43	15.47	15.4	15.5	0.01179	0.07071	0.46%	0
6.25		2	15.45	15.43	15.47	15.4	15.5	0.01179	0.07071	0.46%	0
12.5		2	15.45	15.43	15.47	15.4	15.5	0.01179	0.07071	0.46%	0
25		2	15.45	15.43	15.47	15.4	15.5	0.01179	0.07071	0.46%	0
50		2	15.45	15.43	15.47	15.4	15.5	0.01179	0.07071	0.46%	0
100		2	15.35	15.28	15.42	15.2	15.5	0.03536	0.2121	1.38%	0
Overall		12	15.43			15.2	15.5				0 (0%)

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	6.6	5.7
6.25		6.6	5.5
12.5		6.5	5.6
25		6.6	5.6
50		6.2	5.5
100		5.9	5.4

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	8	7.9
6.25		8	7.9
12.5		7.9	7.9
25		7.9	7.9
50		7.9	7.9
100		7.9	7.9

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	15.5	15.4
6.25		15.5	15.4
12.5		15.5	15.4
25		15.5	15.4
50		15.5	15.4
100		15.5	15.2

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/R-95/136.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-SCR
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.146

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

Germination	NOEC	=	100.00
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
Tube Length	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	13-1835-5585	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	14 Oct-09 13:01	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Oct-09 13:00	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	12-7014-9522	**Code:**	VCF1009146k	**Client:**	VCWPD
Sample Date:	13 Oct-09 22:45	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	14h (5.8 °C)	**Station:**	ME-SCR		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
08-8191-2434	Germination Rate	100	>100	N/A	2.89%	1	Dunnett's Multiple Comparison Test
14-3131-4857	Mean Length	100	>100	N/A	3.73%	1	Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
16-4210-0189	Germination Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
14-1599-2667	Mean Length	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
08-8191-2434	Germination Rate	Control Resp	0.874	0.7 - NL	Yes	Result Within Limits
16-4210-0189	Germination Rate	Control Resp	0.874	0.7 - NL	Yes	Result Within Limits
14-1599-2667	Mean Length	Control Resp	13.54	10 - NL	Yes	Result Within Limits
14-3131-4857	Mean Length	Control Resp	13.54	10 - NL	Yes	Result Within Limits
08-8191-2434	Germination Rate	PMSD	0.02887	NL - 0.2	No	Result Within Limits
14-3131-4857	Mean Length	PMSD	0.03725	NL - 0.2	No	Result Within Limits

Germination Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	0.874	0.872	0.876	0.87	0.88	0.001	0.005477	0.63%	0.0%
6.25		5	0.888	0.8799	0.8961	0.87	0.92	0.003958	0.02168	2.44%	-1.6%
12.5		5	0.896	0.8883	0.9037	0.88	0.93	0.003786	0.02074	2.31%	-2.52%
25		5	0.862	0.8603	0.8637	0.86	0.87	0.000817	0.004472	0.52%	1.37%
50		5	0.882	0.8759	0.8881	0.86	0.9	0.003	0.01643	1.86%	-0.92%
100		5	0.892	0.8879	0.8961	0.88	0.91	0.002	0.01095	1.23%	-2.06%

Mean Length Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	13.54	13.41	13.67	13	13.9	0.06403	0.3507	2.59%	0.0%
6.25		5	13.6	13.4	13.8	13.2	14.5	0.09574	0.5244	3.86%	-0.44%
12.5		5	13.56	13.46	13.66	13.2	13.9	0.04761	0.2608	1.92%	-0.15%
25		5	13.56	13.5	13.62	13.3	13.7	0.03055	0.1673	1.23%	-0.15%
50		5	13.62	13.5	13.74	13.2	14	0.05972	0.3271	2.4%	-0.59%
100		5	13.64	13.53	13.75	13.3	14	0.0526	0.2881	2.11%	-0.74%

Macrocystis Germination and Germ Tube Growth Test **Aquatic Bioassay & Consulting Labs, Inc.**

Germination Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.87	0.87	0.87	0.88	0.88
6.25		0.92	0.9	0.88	0.87	0.87
12.5		0.89	0.9	0.93	0.88	0.88
25		0.87	0.86	0.86	0.86	0.86
50		0.9	0.87	0.89	0.89	0.86
100		0.89	0.91	0.89	0.89	0.88

Mean Length Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	13.9	13.8	13.5	13.5	13
6.25		14.5	13.3	13.4	13.2	13.6
12.5		13.2	13.5	13.9	13.7	13.5
25		13.7	13.5	13.6	13.3	13.7
50		14	13.5	13.2	13.9	13.5
100		14	13.4	13.8	13.3	13.7

CETIS Measurement Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	13-1835-5585	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	14 Oct-09 13:01	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Oct-09 13:00	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	12-7014-9522	**Code:**	VCF1009146k	**Client:**	VCWPD
Sample Date:	13 Oct-09 22:45	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	14h (5.8 °C)	**Station:**	ME-SCR		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.5	6.261	6.739	6	7	0.1179	0.7071	10.88%	0
6.25		2	6.05	5.787	6.313	5.5	6.6	0.1296	0.7778	12.86%	0
12.5		2	6.15	5.839	6.461	5.5	6.8	0.1532	0.9192	14.95%	0
25		2	6.05	5.787	6.313	5.5	6.6	0.1296	0.7778	12.86%	0
50		2	6.65	6.626	6.674	6.6	6.7	0.01178	0.07069	1.06%	0
100		2	6.25	6.083	6.417	5.9	6.6	0.0825	0.495	7.92%	0
Overall		12	6.275			5.5	7				0 (0%)

Light Level-Lux

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	701			701	701	0	0	0.0%	0
100		1	701			701	701	0	0	0.0%	0
Overall		2	701			701	701				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
6.25		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
12.5		2	7.85	7.826	7.874	7.8	7.9	0.01178	0.07071	0.9%	0
25		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
50		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
100		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
Overall		12	7.917			7.8	8				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
6.25		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
12.5		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
25		2	15.35	15.28	15.42	15.2	15.5	0.03536	0.2121	1.38%	0
50		2	15.35	15.28	15.42	15.2	15.5	0.03536	0.2121	1.38%	0
100		2	15.35	15.28	15.42	15.2	15.5	0.03536	0.2121	1.38%	0
Overall		12	15.33			15.2	15.5				0 (0%)

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	7	6
6.25		6.6	5.5
12.5		6.8	5.5
25		6.6	5.5
50		6.6	6.7
100		6.6	5.9

Light Level-Lux

Conc-%	Control Type	1	2
0	Negative Contr	701	
100		701	

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	8	7.9
6.25		7.9	8
12.5		7.9	7.8
25		7.9	7.9
50		7.9	7.9
100		8	7.9

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	15.2	15.4
6.25		15.2	15.4
12.5		15.2	15.4
25		15.5	15.2
50		15.5	15.2
100		15.5	15.2

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-600/R95/136, 1995*. Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-SCR
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.146

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Test Code: 14-3019-2775/VCF1009146

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	14-7570-3017	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	15 Oct-09 16:02	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Oct-09 17:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	58m	**Source:**	David Gutoff	**Age:**	
Sample ID:	05-8519-8054	**Code:**	VCF1009146u	**Client:**	VCWPD
Sample Date:	13 Oct-09 22:45	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	41h (5.8 °C)	**Station:**	ME-SCR		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
19-9731-5811	Fertilization Rate	100	>100	N/A	0.25%	1	Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
14-1388-8532	Fertilization Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
14-1388-8532	Fertilization Rate	Control Resp	1	0.7 - NL	Yes	Result Within Limits
19-9731-5811	Fertilization Rate	Control Resp	1	0.7 - NL	Yes	Result Within Limits
19-9731-5811	Fertilization Rate	PMSD	0.0025	NL - 0.25	No	Result Within Limits

Fertilization Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1	1	1	1	1	0	0	0.0%	0.0%
6.25		4	1	1	1	1	1	0	0	0.0%	0.0%
12.5		4	1	1	1	1	1	0	0	0.0%	0.0%
25		4	1	1	1	1	1	0	0	0.0%	0.0%
50		4	1	1	1	1	1	0	0	0.0%	0.0%
100		4	1	1	1	1	1	0	0	0.0%	0.0%

Fertilization Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
6.25		1	1	1	1
12.5		1	1	1	1
25		1	1	1	1
50		1	1	1	1
100		1	1	1	1

Analyst: QA:

CETIS Measurement Report

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	14-7570-3017	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	15 Oct-09 16:02	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Oct-09 17:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	58m	**Source:**	David Gutoff	**Age:**	
Sample ID:	05-8519-8054	**Code:**	VCF1009146u	**Client:**	VCWPD
Sample Date:	13 Oct-09 22:45	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	41h (5.8 °C)	**Station:**	ME-SCR		

Parameter Acceptability

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	15	15.5	11 - 13	Yes	Results Above Limit

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.1	5.861	6.339	5.6	6.6	0.1179	0.7071	11.59%	0
6.25		2	6.1	5.861	6.339	5.6	6.6	0.1179	0.7071	11.59%	0
12.5		2	6	5.713	6.287	5.4	6.6	0.1414	0.8485	14.14%	0
25		2	6.3	6.156	6.444	6	6.6	0.07071	0.4243	6.73%	0
50		2	6.3	6.156	6.444	6	6.6	0.07071	0.4243	6.73%	0
100		2	6.2	6.104	6.296	6	6.4	0.04714	0.2828	4.56%	0
Overall		12	6.167			5.4	6.6				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
6.25		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
12.5		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
25		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
50		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
100		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
Overall		12	7.917			7.9	8				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15.35	15.28	15.42	15.2	15.5	0.03536	0.2121	1.38%	0
6.25		2	15.35	15.28	15.42	15.2	15.5	0.03536	0.2121	1.38%	0
12.5		2	15.35	15.28	15.42	15.2	15.5	0.03536	0.2121	1.38%	0
25		2	15.35	15.28	15.42	15.2	15.5	0.03536	0.2121	1.38%	0
50		2	15.5	15.5	15.5	15.5	15.5	0	0	0.0%	0
100		2	15.25	15.13	15.37	15	15.5	0.05893	0.3536	2.32%	0
Overall		12	15.36			15	15.5				0 (0%)

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	6.6	5.6
6.25		6.6	5.6
12.5		6.6	5.4
25		6.6	6
50		6.6	6
100		6.4	6

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	8	7.9
6.25		8	7.9
12.5		7.9	7.9
25		7.9	7.9
50		7.9	7.9
100		7.9	7.9

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	15.5	15.2
6.25		15.5	15.2
12.5		15.5	15.2
25		15.5	15.2
50		15.5	15.5
100		15.5	15

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/R-95/136.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-VR2
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.147

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

Germination	NOEC	=	100.00
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
Tube Length	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	16-7005-6747	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	14 Oct-09 13:03	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Oct-09 13:00	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	07-8507-5368	**Code:**	VCF1009147k	**Client:**	VCWPD
Sample Date:	13 Oct-09 21:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	15h (5.8 °C)	**Station:**	ME-VR2		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
00-9165-6997	Germination Rate	100	>100	N/A	3.6%	1	Dunnett's Multiple Comparison Test
07-6338-6172	Mean Length	100	>100	N/A	3.32%	1	Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
00-5089-9031	Germination Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
09-6940-8602	Mean Length	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
00-5089-9031	Germination Rate	Control Resp	0.888	0.7 - NL	Yes	Result Within Limits
00-9165-6997	Germination Rate	Control Resp	0.888	0.7 - NL	Yes	Result Within Limits
07-6338-6172	Mean Length	Control Resp	13.24	10 - NL	Yes	Result Within Limits
09-6940-8602	Mean Length	Control Resp	13.24	10 - NL	Yes	Result Within Limits
00-9165-6997	Germination Rate	PMSD	0.03602	NL - 0.2	No	Result Within Limits
07-6338-6172	Mean Length	PMSD	0.03324	NL - 0.2	No	Result Within Limits

Germination Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	0.888	0.8825	0.8935	0.87	0.91	0.002708	0.01483	1.67%	0.0%
6.25		5	0.88	0.8698	0.8902	0.85	0.92	0.005	0.02739	3.11%	0.9%
12.5		5	0.906	0.8959	0.9161	0.88	0.95	0.004933	0.02702	2.98%	-2.03%
25		5	0.888	0.8819	0.8941	0.86	0.9	0.003	0.01643	1.85%	0.0%
50		5	0.9	0.8947	0.9053	0.88	0.92	0.002582	0.01414	1.57%	-1.35%
100		5	0.888	0.8849	0.8911	0.88	0.9	0.001528	0.008367	0.94%	0.0%

Mean Length Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	13.24	13.15	13.33	12.9	13.6	0.04583	0.251	1.9%	0.0%
6.25		5	13.7	13.59	13.81	13.2	13.9	0.05323	0.2915	2.13%	-3.47%
12.5		5	13.58	13.48	13.68	13.3	13.9	0.04726	0.2588	1.91%	-2.57%
25		5	13.72	13.63	13.81	13.3	13.9	0.04546	0.249	1.82%	-3.63%
50		5	13.88	13.73	14.03	13.3	14.4	0.07572	0.4147	2.99%	-4.83%
100		5	13.72	13.62	13.82	13.5	14.1	0.04899	0.2683	1.96%	-3.63%

Macrocystis Germination and Germ Tube Growth Test **Aquatic Bioassay & Consulting Labs, Inc.**

Germination Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.88	0.87	0.91	0.89	0.89
6.25		0.92	0.89	0.88	0.85	0.86
12.5		0.95	0.91	0.9	0.88	0.89
25		0.89	0.9	0.9	0.89	0.86
50		0.92	0.9	0.9	0.9	0.88
100		0.89	0.9	0.88	0.88	0.89

Mean Length Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	13.6	13.3	13.2	12.9	13.2
6.25		13.9	13.2	13.7	13.9	13.8
12.5		13.3	13.9	13.5	13.8	13.4
25		13.8	13.9	13.3	13.9	13.7
50		14.4	14.1	13.9	13.3	13.7
100		13.5	13.5	13.9	13.6	14.1

CETIS Measurement Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	16-7005-6747	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	14 Oct-09 13:03	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Oct-09 13:00	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	07-8507-5368	**Code:**	VCF1009147k	**Client:**	VCWPD
Sample Date:	13 Oct-09 21:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	15h (5.8 °C)	**Station:**	ME-VR2		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.5	6.261	6.739	6	7	0.1179	0.7071	10.88%	0
6.25		2	6.15	5.839	6.461	5.5	6.8	0.1532	0.9192	14.95%	0
12.5		2	6.2	5.961	6.439	5.7	6.7	0.1179	0.7071	11.4%	0
25		2	6.1	5.861	6.339	5.6	6.6	0.1179	0.7071	11.59%	0
50		2	6.05	5.787	6.313	5.5	6.6	0.1296	0.7778	12.86%	0
100		2	6.05	5.787	6.313	5.5	6.6	0.1296	0.7778	12.86%	0
Overall		12	6.175			5.5	7				0 (0%)

Light Level-Lux

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	701			701	701	0	0	0.0%	0
100		1	701			701	701	0	0	0.0%	0
Overall		2	701			701	701				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
6.25		2	7.8	7.8	7.8	7.8	7.8	0	0	0.0%	0
12.5		2	7.8	7.8	7.8	7.8	7.8	0	0	0.0%	0
25		2	7.7	7.7	7.7	7.7	7.7	0	0	0.0%	0
50		2	7.7	7.7	7.7	7.7	7.7	0	0	0.0%	0
100		2	7.7	7.7	7.7	7.7	7.7	0	0	0.0%	0
Overall		12	7.775			7.7	8				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15.35	15.28	15.42	15.2	15.5	0.03536	0.2121	1.38%	0
6.25		2	15.4	15.35	15.45	15.3	15.5	0.02357	0.1414	0.92%	0
12.5		2	15.4	15.35	15.45	15.3	15.5	0.02357	0.1414	0.92%	0
25		2	15.4	15.35	15.45	15.3	15.5	0.02357	0.1414	0.92%	0
50		2	15.4	15.35	15.45	15.3	15.5	0.02357	0.1414	0.92%	0
100		2	15.4	15.35	15.45	15.3	15.5	0.02357	0.1414	0.92%	0
Overall		12	15.39			15.2	15.5				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	7	6
6.25		6.8	5.5
12.5		6.7	5.7
25		6.6	5.6
50		6.6	5.5
100		6.6	5.5

Light Level-Lux

Conc-%	Control Type	1	2
0	Negative Contr	701	
100		701	

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	8	7.9
6.25		7.8	7.8
12.5		7.8	7.8
25		7.7	7.7
50		7.7	7.7
100		7.7	7.7

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	15.2	15.5
6.25		15.3	15.5
12.5		15.3	15.5
25		15.3	15.5
50		15.3	15.5
100		15.3	15.5

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-600/R95/136, 1995*. Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-VR2
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.147

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

for Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	00-1067-5187	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	15 Oct-09 16:03	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Oct-09 17:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	57m	**Source:**	David Gutoff	**Age:**	
Sample ID:	02-1846-4979	**Code:**	VCF1009147u	**Client:**	VCWPD
Sample Date:	13 Oct-09 21:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	42h (5.8 °C)	**Station:**	ME-VR2		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
20-0380-8997	Fertilization Rate	100	>100	N/A	0.25%	1	Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
06-0221-5927	Fertilization Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
06-0221-5927	Fertilization Rate	Control Resp	1	0.7 - NL	Yes	Result Within Limits
20-0380-8997	Fertilization Rate	Control Resp	1	0.7 - NL	Yes	Result Within Limits
20-0380-8997	Fertilization Rate	PMSD	0.0025	NL - 0.25	No	Result Within Limits

Fertilization Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1	1	1	1	1	0	0	0.0%	0.0%
6.25		4	1	1	1	1	1	0	0	0.0%	0.0%
12.5		4	1	1	1	1	1	0	0	0.0%	0.0%
25		4	1	1	1	1	1	0	0	0.0%	0.0%
50		4	1	1	1	1	1	0	0	0.0%	0.0%
100		4	1	1	1	1	1	0	0	0.0%	0.0%

Fertilization Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
6.25		1	1	1	1
12.5		1	1	1	1
25		1	1	1	1
50		1	1	1	1
100		1	1	1	1

CETIS Measurement Report

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	00-1067-5187	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	15 Oct-09 16:03	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Oct-09 17:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	57m	**Source:**	David Gutoff	**Age:**	
Sample ID:	02-1846-4979	**Code:**	VCF1009147u	**Client:**	VCWPD
Sample Date:	13 Oct-09 21:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	42h (5.8 °C)	**Station:**	ME-VR2		

Parameter Acceptability

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	15.2	15.4	11 - 13	Yes	Results Above Limit

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6	5.713	6.287	5.4	6.6	0.1414	0.8485	14.14%	0
6.25		2	6.1	5.861	6.339	5.6	6.6	0.1179	0.7071	11.59%	0
12.5		2	6.25	6.13	6.37	6	6.5	0.05893	0.3536	5.66%	0
25		2	6.05	5.835	6.265	5.6	6.5	0.1061	0.6364	10.52%	0
50		2	6.25	6.083	6.417	5.9	6.6	0.0825	0.495	7.92%	0
100		2	5.75	5.343	6.157	4.9	6.6	0.2003	1.202	20.91%	0
Overall		12	6.067			4.9	6.6				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
6.25		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
12.5		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
25		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
50		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
100		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
Overall		12	7.9			7.9	7.9				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
6.25		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
12.5		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
25		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
50		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
100		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
Overall		12	15.3			15.2	15.4				0 (0%)

Purple Sea Urchin Sperm Cell Fertilization Test **Aquatic Bioassay & Consulting Labs, Inc.**

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	6.6	5.4
6.25		6.6	5.6
12.5		6.5	6
25		6.5	5.6
50		6.6	5.9
100		6.6	4.9

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	7.9	7.9
6.25		7.9	7.9
12.5		7.9	7.9
25		7.9	7.9
50		7.9	7.9
100		7.9	7.9

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	15.2	15.4
6.25		15.2	15.4
12.5		15.2	15.4
25		15.2	15.4
50		15.2	15.4
100		15.2	15.4

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	Camarillo-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.148

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	17-7341-2483	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:50	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:10	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	In-House Culture	**Age:**	<24h
Sample ID:	07-5046-2201	**Code:**	VCF1009148c	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:30	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	45h (5.9 °C)	**Station:**	Camarillo-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
09-2706-1548	7d Survival Rate	100	>100	N/A	N/A	1	Fisher Exact/Bonferroni-Holm Test
05-9874-5680	Reproduction	100	>100	N/A	25.31%	1	Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
10-8793-1318	7d Survival Rate	EC5	37.5	31.25	N/A	2.667	Linear Interpolation (ICPIN)
		EC10	100	37.5	N/A	1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
11-9021-3816	Reproduction	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
09-2706-1548	7d Survival Rate	Control Resp	1	0.8 - NL	Yes	Result Within Limits
10-8793-1318	7d Survival Rate	Control Resp	1	0.8 - NL	Yes	Result Within Limits
05-9874-5680	Reproduction	Control Resp	22	15 - NL	Yes	Result Within Limits
11-9021-3816	Reproduction	Control Resp	22	15 - NL	Yes	Result Within Limits
05-9874-5680	Reproduction	PMSD	0.2531	0.13 - 0.47	Yes	Result Within Limits

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	1	1	1	1	1	0	0	0.0%	0.0%
6.25		10	1	1	1	1	1	0	0	0.0%	0.0%
12.5		10	1	1	1	1	1	0	0	0.0%	0.0%
25		10	1	1	1	1	1	0	0	0.0%	0.0%
50		10	0.9	0.7819	1	0	1	0.05774	0.3162	35.14%	10.0%
100		10	0.9	0.7819	1	0	1	0.05774	0.3162	35.14%	10.0%

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	22	21.1	22.9	19	26	0.4389	2.404	10.93%	0.0%
6.25		10	22.4	21.12	23.68	17	28	0.6278	3.438	15.35%	-1.82%
12.5		10	25.5	24.3	26.7	20	32	0.5853	3.206	12.57%	-15.91%
25		10	25.3	24.47	26.13	21	30	0.4041	2.214	8.75%	-15.0%
50		10	21.4	18.44	24.36	0	27	1.446	7.919	37.0%	2.73%
100		10	24.3	20.92	27.68	0	33	1.653	9.056	37.27%	-10.45%

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	0	1	1	1	1	1	1	1	1
100		1	0	1	1	1	1	1	1	1	1

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	21	20	22	22	20	26	21	19	26	23
6.25		25	28	24	18	20	24	25	17	22	21
12.5		20	32	25	24	24	25	24	26	26	29
25		25	30	26	25	21	25	25	26	24	26
50		19	0	23	27	23	27	25	24	21	25
100		25	0	30	26	22	26	33	26	29	26

CETIS Measurement Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	17-7341-2483	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:50	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:10	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	In-House Culture	**Age:**	<24h
Sample ID:	07-5046-2201	**Code:**	VCF1009148c	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:30	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	45h (5.9 °C)	**Station:**	Camarillo-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
100		8	66	66	66	66	66	0	0	0.0%	0
Overall		16	63.56			60	66				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350	346.7	353.3	335	359	1.616	9.695	2.77%	0
6.25		8	352	348.1	355.9	325	360	1.919	11.51	3.27%	0
12.5		8	351.6	348.3	354.9	336	369	1.613	9.68	2.75%	0
25		8	350.1	347.4	352.8	332	359	1.32	7.918	2.26%	0
50		8	356	354.7	357.3	348	360	0.6299	3.78	1.06%	0
100		8	374.6	372.6	376.7	365	384	1.019	6.116	1.63%	0
Overall		48	355.7			325	384				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.375	7.151	7.599	5.9	7.9	0.1101	0.6606	8.96%	0
6.25		8	6.675	6.403	6.947	5.6	7.5	0.1339	0.8031	12.03%	0
12.5		8	6.763	6.515	7.01	5.3	7.4	0.1218	0.7308	10.81%	0
25		8	6.475	6.16	6.79	4.7	7.4	0.1553	0.9316	14.39%	0
50		8	6.213	5.801	6.624	4	7.3	0.2026	1.216	19.57%	0
100		8	5.888	5.423	6.352	4	7.2	0.2289	1.374	23.33%	0
Overall		48	6.565			4	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
100		8	135	135	135	135	135	0	0	0.0%	0
Overall		16	112.1			84	135				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.925	7.895	7.955	7.8	8.1	0.01477	0.08864	1.12%	0
6.25		8	7.825	7.79	7.86	7.6	7.9	0.01725	0.1035	1.32%	0
12.5		8	7.775	7.745	7.805	7.6	7.9	0.01477	0.08864	1.14%	0
25		8	7.763	7.732	7.793	7.6	7.9	0.01527	0.09161	1.18%	0
50		8	7.713	7.67	7.755	7.5	7.8	0.02077	0.1246	1.62%	0
100		8	7.613	7.525	7.7	7.1	7.8	0.04313	0.2588	3.4%	0
Overall		48	7.769			7.1	8.1				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.63	24.48	24.77	24.1	25.4	0.07113	0.4268	1.73%	0
6.25		8	24.85	24.71	24.99	24.3	25.4	0.06843	0.4106	1.65%	0
12.5		8	24.91	24.76	25.07	24.1	25.5	0.07686	0.4612	1.85%	0
25		8	24.81	24.67	24.95	24	25.3	0.06868	0.4121	1.66%	0
50		8	24.81	24.67	24.96	24.1	25.6	0.07096	0.4257	1.72%	0
100		8	24.88	24.72	25.03	24.2	25.6	0.07855	0.4713	1.9%	0
Overall		48	24.81			24	25.6				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
100		66	66	66	66	66	66	66	66

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	335	349
6.25		355	350	352	355	359	360	360	325
12.5		350	347	348	349	355	359	369	336
25		352	351	350	350	352	355	359	332
50		360	359	355	355	358	355	358	348
100		379	379	375	370	375	370	365	384

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	7.6	7	7.9	7.5	7.5	7.7	7.9
6.25		5.6	7.2	6.9	7.2	7.5	7.4	5.7	5.9
12.5		5.3	6	7	6.9	7	7.2	7.3	7.4
25		4.7	6.3	6.9	6.8	7	7.2	7.4	5.5
50		4	5.2	6.8	6.9	7	7.2	7.3	5.3
100		4	4	6.2	6.9	6.9	7	7.2	4.9

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
100		135	135	135	135	135	135	135	135

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7.9	7.9	7.9	7.9	8	7.8	7.9
6.25		7.8	7.8	7.9	7.9	7.9	7.9	7.8	7.6
12.5		7.7	7.8	7.8	7.8	7.8	7.9	7.8	7.6
25		7.7	7.7	7.8	7.8	7.8	7.9	7.8	7.6
50		7.5	7.6	7.8	7.8	7.8	7.8	7.8	7.6
100		7.1	7.4	7.8	7.7	7.8	7.8	7.8	7.5

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	24.2	24.5	24.5	25	24.1	25.4	24.5
6.25		25.2	24.3	24.5	24.8	24.4	25.1	25.1	25.4
12.5		25.3	24.1	24.5	24.8	24.9	24.9	25.3	25.5
25		25.3	24	24.5	24.8	24.8	25	24.9	25.2
50		24.9	24.1	24.5	24.8	25	24.8	24.8	25.6
100		24.8	24.2	24.5	24.7	24.8	24.9	25.5	25.6

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	Camarillo-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.148

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	04-4372-8034	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:50	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:10	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	08-6919-2461	**Code:**	VCF1009148f	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:30	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	45h (5.9 °C)	**Station:**	Camarillo-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
01-8908-4533	7d Survival Rate	100	>100	N/A	16.51%	1	Dunnett's Multiple Comparison Test
14-7040-5475	Mean Dry Biomass-mg	100	>100	N/A	49.42%	1	Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
15-3687-3438	7d Survival Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
16-0656-7752	Mean Dry Biomass-mg	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
01-8908-4533	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
15-3687-3438	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
14-7040-5475	Mean Dry Biomass-mg	Control Resp	0.262	0.25 - NL	Yes	Result Within Limits
16-0656-7752	Mean Dry Biomass-mg	Control Resp	0.262	0.25 - NL	Yes	Result Within Limits
14-7040-5475	Mean Dry Biomass-mg	PMSD	0.4942	0.12 - 0.3	Yes	Result Above Limit

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9	0.8569	0.9431	0.7333	1	0.02108	0.1155	12.83%	0.0%
6.25		4	0.9667	0.9523	0.981	0.9333	1	0.007027	0.03849	3.98%	-7.41%
12.5		4	0.95	0.9262	0.9738	0.8667	1	0.01165	0.06383	6.72%	-5.56%
25		4	0.9333	0.8981	0.9685	0.8	1	0.01721	0.09428	10.1%	-3.7%
50		4	0.9	0.8751	0.9249	0.8667	1	0.01217	0.06667	7.41%	0.0%
100		4	0.9167	0.8928	0.9405	0.8667	1	0.01165	0.06383	6.96%	-1.85%

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.262	0.2482	0.2758	0.2067	0.2847	0.006766	0.03706	14.14%	0.0%
6.25		4	0.299	0.2591	0.3389	0.1407	0.376	0.01953	0.1069	35.77%	-14.12%
12.5		4	0.3558	0.3499	0.3617	0.3327	0.3667	0.002891	0.01583	4.45%	-35.82%
25		4	0.3887	0.3718	0.4056	0.3553	0.4533	0.008271	0.0453	11.66%	-48.35%
50		4	0.3883	0.3848	0.3919	0.38	0.402	0.001751	0.009593	2.47%	-48.22%
100		4	0.51	0.4578	0.5622	0.384	0.6667	0.02551	0.1397	27.4%	-94.66%

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	0.9333	0.9333	0.7333
6.25		0.9333	0.9333	1	1
12.5		0.8667	1	0.9333	1
25		1	1	0.8	0.9333
50		0.8667	0.8667	0.8667	1
100		0.8667	1	0.8667	0.9333

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.2847	0.276	0.2807	0.2067
6.25		0.338	0.376	0.3413	0.1407
12.5		0.3327	0.3667	0.3587	0.3653
25		0.3553	0.4533	0.3593	0.3867
50		0.3873	0.402	0.38	0.384
100		0.6667	0.5887	0.384	0.4007

CETIS Measurement Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	04-4372-8034	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:50	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:10	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	08-6919-2461	**Code:**	VCF1009148f	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:30	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	45h (5.9 °C)	**Station:**	Camarillo-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
100		8	66	66	66	66	66	0	0	0.0%	0
Overall		16	63.56			60	66				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350	346.7	353.3	335	359	1.616	9.695	2.77%	0
6.25		8	352	348.1	355.9	325	360	1.919	11.51	3.27%	0
12.5		8	355.4	350.9	359.9	336	378	2.206	13.23	3.72%	0
25		8	352.4	351.3	353.4	350	359	0.5266	3.159	0.9%	0
50		8	356.4	355.1	357.7	348	360	0.6358	3.815	1.07%	0
100		8	374.6	372.6	376.7	365	384	1.019	6.116	1.63%	0
Overall		48	356.8			325	384				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	6.963	6.723	7.202	5.9	7.9	0.1178	0.707	10.15%	0
6.25		8	7.125	6.901	7.349	5.6	7.6	0.1101	0.6606	9.27%	0
12.5		8	6.6	6.326	6.874	5.3	7.4	0.1351	0.8106	12.28%	0
25		8	6.688	6.395	6.98	4.7	7.4	0.144	0.8643	12.92%	0
50		8	6.213	5.801	6.624	4	7.3	0.2026	1.216	19.57%	0
100		8	5.888	5.423	6.352	4	7.2	0.2289	1.374	23.33%	0
Overall		48	6.579			4	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
100		8	135	135	135	135	135	0	0	0.0%	0
Overall		16	112.1			84	135				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.938	7.907	7.968	7.8	8.1	0.01527	0.09161	1.15%	0
6.25		8	7.9	7.874	7.926	7.8	8	0.0126	0.07559	0.96%	0
12.5		8	7.763	7.732	7.793	7.6	7.9	0.01527	0.09161	1.18%	0
25		8	7.763	7.732	7.793	7.6	7.9	0.01527	0.09161	1.18%	0
50		8	7.663	7.559	7.766	7	8	0.05113	0.3068	4.0%	0
100		8	7.625	7.535	7.715	7.1	7.8	0.04432	0.2659	3.49%	0
Overall		48	7.775			7	8.1				0 (0%)

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.85	24.7	25	24.2	25.5	0.07292	0.4375	1.76%	0
6.25		8	24.86	24.72	25.01	24.3	25.5	0.07179	0.4307	1.73%	0
12.5		8	24.79	24.66	24.91	24.1	25.3	0.06136	0.3682	1.49%	0
25		8	24.86	24.68	25.04	24	25.6	0.08771	0.5263	2.12%	0
50		8	24.85	24.69	25.01	24.1	25.6	0.07918	0.4751	1.91%	0
100		8	24.88	24.72	25.03	24.2	25.6	0.07855	0.4713	1.9%	0
Overall		48	24.85			24	25.6				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
100		66	66	66	66	66	66	66	66

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	335	349
6.25		355	350	352	355	359	360	360	325
12.5		350	347	378	349	355	359	369	336
25		352	351	350	350	350	352	355	359
50		360	359	355	355	358	358	358	348
100		379	379	375	370	375	370	365	384

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	6.5	7	6.9	7.9	7.5	6.3	7.7
6.25		5.6	7.2	6.9	7.2	7.4	7.5	7.6	7.6
12.5		5.3	6	6.9	7	7.2	7.3	7.4	5.7
25		4.7	6.3	6.9	6.9	7	7.1	7.2	7.4
50		4	5.2	6.8	6.9	7	7.2	7.3	5.3
100		4	4	6.2	6.9	6.9	7	7.2	4.9

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
100		135	135	135	135	135	135	135	135

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7.9	7.9	7.9	8	7.8	7.9	8
6.25		7.8	7.8	7.9	7.9	7.9	7.9	8	8
12.5		7.7	7.8	7.8	7.7	7.8	7.9	7.6	7.8
25		7.7	7.7	7.8	7.8	7.8	7.9	7.8	7.6
50		7.5	7.6	7.8	7.8	7.8	7	8	7.8
100		7.1	7.4	7.8	7.8	7.8	7.8	7.8	7.5

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	24.2	24.5	24.5	25	25	25.5	25.3
6.25		25.2	24.3	24.5	24.8	24.4	25.1	25.1	25.5
12.5		25.3	24.1	24.5	24.8	25.1	24.9	24.7	24.9
25		25.3	24	24.5	24.5	24.8	24.9	25.3	25.6
50		24.9	24.1	24.5	24.7	24.8	24.8	25.4	25.6
100		24.8	24.2	24.5	24.7	24.8	24.9	25.5	25.6

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LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*
Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	Camarillo-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009148

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC = 50.00 %
TUc = 2.00

IC25 = 79.60 %
IC50 = >100.00 %

Yours very truly,

for Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	03-2322-3515	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	14 Oct-09 14:00	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	18 Oct-09 14:00	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	14-2300-4060	**Code:**	VCF1009148s	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:30	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	20h (5.8 °C)	**Station:**	Camarillo-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
16-3443-6314	Cell Density	50	100	70.71	10.74%	2	Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
15-9799-0988	Cell Density	IC5	31.92	14.37	37.22	3.133	Linear Interpolation (ICPIN)
		IC10	40.31	26.05	50.38	2.481	
		IC15	48.71	37.64	64.84	2.053	
		IC20	63.57	40.13	76.96	1.573	
		IC25	79.6	62.98	90.09	1.256	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
15-9799-0988	Cell Density	Control CV	0.06228	NL - 0.2	Yes	Result Within Limits
16-3443-6314	Cell Density	Control CV	0.06228	NL - 0.2	Yes	Result Within Limits
15-9799-0988	Cell Density	Control Resp	1.24E+6	1.00E+6 - NL	Yes	Result Within Limits
16-3443-6314	Cell Density	Control Resp	1.24E+6	1.00E+6 - NL	Yes	Result Within Limits
16-3443-6314	Cell Density	PMSD	0.1074	0.091 - 0.29	Yes	Result Within Limits

Cell Density Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.239E+6	1.210E+6	1.267E+6	1.194E+6	1.354E+6	1.408E+4	7.713E+4	6.23%	0.0%
6.25		4	1.746E+6	1.732E+6	1.759E+6	1.712E+6	1.796E+6	6.651E+3	3.643E+4	2.09%	-40.96%
12.5		4	1.812E+6	1.778E+6	1.845E+6	1.682E+6	1.885E+6	1.628E+4	8.917E+4	4.92%	-46.27%
25		4	1.585E+6	1.542E+6	1.627E+6	1.441E+6	1.687E+6	2.055E+4	1.125E+5	7.1%	-27.94%
50		4	1.347E+6	1.314E+6	1.379E+6	1.248E+6	1.452E+6	1.591E+4	8.714E+4	6.47%	-8.72%
100		4	1.097E+6	1.085E+6	1.110E+6	1.051E+6	1.132E+6	6.222E+3	3.408E+4	3.11%	11.4%

Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.354E+6	1.194E+6	1.205E+6	1.201E+6
6.25		1.728E+6	1.747E+6	1.712E+6	1.796E+6
12.5		1.847E+6	1.832E+6	1.682E+6	1.885E+6
25		1.687E+6	1.550E+6	1.441E+6	1.660E+6
50		1.248E+6	1.312E+6	1.374E+6	1.452E+6
100		1.051E+6	1.109E+6	1.097E+6	1.132E+6

CETIS Measurement Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	03-2322-3515	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	14 Oct-09 14:00	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	18 Oct-09 14:00	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	14-2300-4060	**Code:**	VCF1009148s	**Client:**	VCWPD
Sample Date:	13 Oct-09 18:30	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	20h (5.8 °C)	**Station:**	Camarillo-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	68			68	68	0	0	0.0%	0
6.25		1	70			70	70	0	0	0.0%	0
12.5		1	66			66	66	0	0	0.0%	0
25		1	67			67	67	0	0	0.0%	0
50		1	67			67	67	0	0	0.0%	0
100		1	66			66	66	0	0	0.0%	0
Overall		6	67.33			66	70				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	422.2	421	423.4	419	427	0.594	3.564	0.84%	0
6.25		5	421.2	419.9	422.5	416	425	0.639	3.834	0.91%	0
12.5		5	422	420.9	423.1	418	427	0.5401	3.24	0.77%	0
25		5	426	424.6	427.4	422	433	0.6872	4.123	0.97%	0
50		5	434.6	432.3	436.9	430	446	1.116	6.693	1.54%	0
100		5	454.4	451.2	457.6	445	470	1.575	9.45	2.08%	0
Overall		30	430.1			416	470				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	99			99	99	0	0	0.0%	0
6.25		1	127			127	127	0	0	0.0%	0
12.5		1	130			130	130	0	0	0.0%	0
25		1	133			133	133	0	0	0.0%	0
50		1	129			129	129	0	0	0.0%	0
100		1	135			135	135	0	0	0.0%	0
Overall		6	125.5			99	135				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	7.74	7.71	7.77	7.6	7.8	0.01491	0.08945	1.16%	0
6.25		5	7.82	7.805	7.835	7.8	7.9	0.007455	0.04473	0.57%	0
12.5		5	7.8	7.8	7.8	7.8	7.8	0	0	0.0%	0
25		5	7.76	7.73	7.79	7.7	7.9	0.01491	0.08944	1.15%	0
50		5	7.7	7.659	7.741	7.6	7.9	0.02041	0.1225	1.59%	0
100		5	7.66	7.582	7.738	7.4	8	0.03837	0.2302	3.01%	0
Overall		30	7.747			7.4	8				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	25.3	25.19	25.41	25	25.8	0.05652	0.3391	1.34%	0
6.25		5	25.28	25.16	25.4	25	25.8	0.05939	0.3564	1.41%	0
12.5		5	25.28	25.16	25.4	25	25.8	0.05939	0.3564	1.41%	0
25		5	25.28	25.16	25.4	25	25.8	0.05939	0.3564	1.41%	0
50		5	25.28	25.16	25.4	25	25.8	0.05939	0.3564	1.41%	0
100		5	25.28	25.16	25.4	25	25.8	0.05939	0.3564	1.41%	0
Overall		30	25.28			25	25.8				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	68				
6.25		70				
12.5		66				
25		67				
50		67				
100		66				

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	427	419	420	420	425
6.25		425	416	420	420	425
12.5		427	418	421	422	422
25		433	422	425	425	425
50		446	432	435	430	430
100		470	455	452	450	445

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr					
6.25						
12.5						
25						
50						
100						

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	99				
6.25		127				
12.5		130				
25		133				
50		129				
100		135				

pH-Units

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	7.7	7.6	7.8	7.8	7.8
6.25		7.8	7.9	7.8	7.8	7.8
12.5		7.8	7.8	7.8	7.8	7.8
25		7.9	7.7	7.7	7.7	7.8
50		7.9	7.6	7.6	7.7	7.7
100		8	7.4	7.5	7.7	7.7

Temperature-°C

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	25.8	25.5	25	25.1	25.1
6.25		25.8	25.5	25	25	25.1
12.5		25.8	25.5	25.1	25	25
25		25.8	25.5	25	25	25.1
50		25.8	25.5	25	25	25.1
100		25.8	25.5	25	25	25.1

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	Ojai-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.149

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

for Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	08-3046-2964	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:51	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:30	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	In-House Culture	**Age:**	<24h
Sample ID:	09-0698-8208	**Code:**	VCF1009149c	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	43h (5.8 °C)	**Station:**	Ojai-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
10-2671-6793	7d Survival Rate	100	>100	N/A	N/A	1	Fisher Exact/Bonferroni-Holm Test
04-3916-9478	Reproduction	100	>100	N/A	29.54%	1	Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
02-9255-2563	7d Survival Rate	EC5	9.375	7.813	N/A	10.67	Linear Interpolation (ICPIN)
		EC10	100	9.375	N/A	1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
04-9820-8371	Reproduction	IC5	9.323	7.329	N/A	10.73	Linear Interpolation (ICPIN)
		IC10	12.4	8.867	N/A	8.067	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
02-9255-2563	7d Survival Rate	Control Resp	1	0.8 - NL	Yes	Result Within Limits
10-2671-6793	7d Survival Rate	Control Resp	1	0.8 - NL	Yes	Result Within Limits
04-3916-9478	Reproduction	Control Resp	22.7	15 - NL	Yes	Result Within Limits
04-9820-8371	Reproduction	Control Resp	22.7	15 - NL	Yes	Result Within Limits
04-3916-9478	Reproduction	PMSD	0.2954	0.13 - 0.47	Yes	Result Within Limits

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	1	1	1	1	1	0	0	0.0%	0.0%
6.25		10	1	1	1	1	1	0	0	0.0%	0.0%
12.5		10	0.8	0.6426	0.9574	0	1	0.07698	0.4216	52.7%	20.0%
25		10	0.9	0.7819	1	0	1	0.05774	0.3162	35.14%	10.0%
50		10	0.9	0.7819	1	0	1	0.05774	0.3162	35.14%	10.0%
100		10	1	1	1	1	1	0	0	0.0%	0.0%

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	22.7	21.66	23.74	18	26	0.5095	2.791	12.29%	0.0%
6.25		10	24.5	23.22	25.78	20	30	0.628	3.44	14.04%	-7.93%
12.5		10	18.4	14.72	22.08	0	26	1.798	9.845	53.51%	18.94%
25		10	18.8	15.99	21.61	0	26	1.374	7.525	40.03%	17.18%
50		10	22.4	19.2	25.6	0	32	1.566	8.579	38.3%	1.32%
100		10	25.2	23.98	26.42	19	30	0.595	3.259	12.93%	-11.01%

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	0	1	1	0	1	1	1
25		1	1	1	0	1	1	1	1	1	1
50		1	1	1	1	0	1	1	1	1	1
100		1	1	1	1	1	1	1	1	1	1

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	18	18	23	23	22	26	23	24	24	26
6.25		21	23	20	23	30	27	23	24	24	30
12.5		24	23	22	0	24	26	0	24	20	21
25		22	22	22	0	15	19	23	26	24	15
50		22	27	32	23	0	23	25	24	20	28
100		30	25	19	28	26	24	23	29	25	23

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	08-3046-2964	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:51	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:30	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	In-House Culture	**Age:**	<24h
Sample ID:	09-0698-8208	**Code:**	VCF1009149c	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	43h (5.8 °C)	**Station:**	Ojai-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
100		8	35	35	35	35	35	0	0	0.0%	0
Overall		16	48.06			35	63				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350	346.7	353.3	335	359	1.616	9.695	2.77%	0
6.25		8	327.1	325	329.2	312	332	1.037	6.221	1.9%	0
12.5		8	317.9	313.3	322.4	288	335	2.239	13.43	4.23%	0
25		8	237.1	230	244.3	222	288	3.53	21.18	8.93%	0
50		8	223.1	221.7	224.6	215	228	0.7151	4.291	1.92%	0
100		8	85.25	73.95	96.55	3	103	5.568	33.41	39.19%	0
Overall		48	256.8			3	359				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.475	7.253	7.697	5.9	7.9	0.1094	0.6563	8.78%	0
6.25		8	7.05	6.719	7.381	5.3	7.8	0.1631	0.9783	13.88%	0
12.5		8	7.2	6.935	7.465	5.9	7.8	0.1303	0.7819	10.86%	0
25		8	7.413	7.143	7.682	5.7	7.9	0.1329	0.7972	10.75%	0
50		8	6.788	6.501	7.074	5.3	7.5	0.141	0.8459	12.46%	0
100		8	6.613	6.288	6.937	5	7.5	0.16	0.9598	14.52%	0
Overall		48	7.09			5	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
100		8	98	98	98	98	98	0	0	0.0%	0
Overall		16	93.63			84	98				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.938	7.907	7.968	7.8	8.1	0.01527	0.09161	1.15%	0
6.25		8	7.825	7.79	7.86	7.6	7.9	0.01725	0.1035	1.32%	0
12.5		8	7.8	7.756	7.844	7.6	7.9	0.02182	0.1309	1.68%	0
25		8	7.838	7.82	7.855	7.8	7.9	0.008626	0.05175	0.66%	0
50		8	7.8	7.756	7.844	7.6	7.9	0.02182	0.1309	1.68%	0
100		8	7.725	7.666	7.784	7.5	7.9	0.02921	0.1753	2.27%	0
Overall		48	7.821			7.5	8.1				0 (0%)

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.78	24.68	24.87	24.2	25	0.04777	0.2866	1.16%	0
6.25		8	24.79	24.67	24.91	24.1	25.2	0.06005	0.3603	1.45%	0
12.5		8	24.66	24.53	24.8	24.1	25.2	0.06603	0.3962	1.61%	0
25		8	24.53	24.39	24.66	24.1	25.3	0.06711	0.4027	1.64%	0
50		8	24.71	24.57	24.85	24.1	25.5	0.06926	0.4156	1.68%	0
100		8	24.7	24.55	24.85	24	25.5	0.07292	0.4375	1.77%	0
Overall		48	24.69			24	25.5				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
100		35	35	35	35	35	35	35	35

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	335	349
6.25		332	329	329	328	329	329	329	312
12.5		319	316	320	322	318	325	335	288
25		288	222	228	228	225	236	235	235
50		224	215	220	222	225	228	228	223
100		92	3	95	99	94	97	99	103

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	7.6	7.8	7.9	7.5	7.7	7.5	7.9
6.25		5.8	6.9	7.8	7.8	7.6	7.5	7.7	5.3
12.5		5.9	6	7.4	7.7	7.8	7.7	7.5	7.6
25		5.7	6.7	7.7	7.9	7.8	7.9	7.8	7.8
50		5.7	6.7	7	7.2	7.4	7.5	7.5	5.3
100		5.4	6.3	6.9	7	7.3	7.5	7.5	5

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
100		98	98	98	98	98	98	98	98

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7.9	7.9	7.9	7.9	8	8	7.8
6.25		7.8	7.8	7.9	7.9	7.9	7.8	7.9	7.6
12.5		7.9	7.9	7.8	7.9	7.9	7.8	7.6	7.6
25		7.9	7.8	7.9	7.9	7.8	7.8	7.8	7.8
50		7.8	7.6	7.9	7.9	7.9	7.9	7.8	7.6
100		7.5	7.5	7.7	7.9	7.9	7.8	7.9	7.6

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	24.2	24.5	24.8	25	24.9	25	25
6.25		25.2	24.1	24.8	24.4	25	25	24.9	24.9
12.5		25.2	24.1	24.5	24.1	24.8	24.8	24.9	24.9
25		25.3	24.1	24.2	24.5	24.5	24.5	24.2	24.9
50		25.5	24.1	24.5	24.5	24.5	24.9	24.8	24.9
100		25.5	24	24.5	24.5	24.5	24.9	24.9	24.8

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	Ojai-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.149

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	56.23 %
	IC50 =	62.47 %

Yours very truly,

For: Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	13-0603-7066	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:51	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:30	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	16-9692-0017	**Code:**	VCF1009149f	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	43h (5.8 °C)	**Station:**	Ojai-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
02-7841-0799	7d Survival Rate	100	>100	N/A	11.16%	1	Steel Many-One Rank Test
08-0365-7524	Mean Dry Biomass-mg	100	>100	N/A	29.84%	1	Bonferroni Adj t Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
05-2149-7644	7d Survival Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
07-1269-2749	Mean Dry Biomass-mg	IC5	51.25	49.88	N/A	1.951	Linear Interpolation (ICPIN)
		IC10	52.49	49.77	N/A	1.905	
		IC15	53.74	49.65	N/A	1.861	
		IC20	54.99	49.54	N/A	1.819	
		IC25	56.23	49.43	N/A	1.778	
		IC40	59.97	49.08	N/A	1.667	
		IC50	62.47	48.85	N/A	1.601	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
02-7841-0799	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
05-2149-7644	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
07-1269-2749	Mean Dry Biomass-mg	Control Resp	0.262	0.25 - NL	Yes	Result Within Limits
08-0365-7524	Mean Dry Biomass-mg	Control Resp	0.262	0.25 - NL	Yes	Result Within Limits
08-0365-7524	Mean Dry Biomass-mg	PMSD	0.2984	0.12 - 0.3	Yes	Result Within Limits

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9	0.8569	0.9431	0.7333	1	0.02108	0.1155	12.83%	0.0%
6.25		4	0.9667	0.9523	0.981	0.9333	1	0.007027	0.03849	3.98%	-7.41%
12.5		4	1	1	1	1	1	0	0	0.0%	-11.11%
25		4	0.9667	0.9418	0.9916	0.8667	1	0.01217	0.06667	6.9%	-7.41%
50		4	0.9667	0.9523	0.981	0.9333	1	0.007027	0.03849	3.98%	-7.41%
100		4	1	1	1	1	1	0	0	0.0%	-11.11%

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.262	0.2482	0.2758	0.2067	0.2847	0.006766	0.03706	14.14%	0.0%
6.25		4	0.3893	0.3797	0.399	0.352	0.408	0.00472	0.02585	6.64%	-48.6%
12.5		4	0.3965	0.3799	0.4131	0.3307	0.4273	0.00811	0.04442	11.2%	-51.34%
25		4	0.4188	0.4008	0.4369	0.354	0.46	0.008839	0.04841	11.56%	-59.86%
50		4	0.4147	0.3955	0.4338	0.356	0.4787	0.009373	0.05134	12.38%	-58.27%
100		4	-0.3783	-0.9848	0.2282	-2.815	0.4393	0.2965	1.624	-429.3%	244.4%

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	0.9333	0.9333	0.7333
6.25		1	1	0.9333	0.9333
12.5		1	1	1	1
25		1	0.8667	1	1
50		1	0.9333	1	0.9333
100		1	1	1	1

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.2847	0.276	0.2807	0.2067
6.25		0.352	0.392	0.4053	0.408
12.5		0.3307	0.4107	0.4173	0.4273
25		0.41	0.4513	0.46	0.354
50		0.356	0.3987	0.4787	0.4253
100		0.432	0.4393	0.43	-2.815

CETIS Measurement Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	13-0603-7066	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:51	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:30	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	16-9692-0017	**Code:**	VCF1009149f	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	43h (5.8 °C)	**Station:**	Ojai-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
100		8	35	35	35	35	35	0	0	0.0%	0
Overall		16	48.06			35	63				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350	346.7	353.3	335	359	1.616	9.695	2.77%	0
6.25		8	345.9	336.4	355.4	312	379	4.681	28.08	8.12%	0
12.5		8	315.1	308.2	322	267	335	3.394	20.36	6.46%	0
25		8	242	234.2	249.8	222	288	3.834	23	9.51%	0
50		8	223.1	221.7	224.6	215	228	0.7151	4.291	1.92%	0
100		8	96.5	95.25	97.75	92	103	0.6172	3.703	3.84%	0
Overall		48	262.1			92	379				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.475	7.253	7.697	5.9	7.9	0.1094	0.6563	8.78%	0
6.25		8	7.375	7.135	7.615	5.8	7.9	0.1181	0.7086	9.61%	0
12.5		8	7.15	6.865	7.435	5.7	7.8	0.1406	0.8435	11.8%	0
25		8	6.863	6.539	7.186	5.5	7.8	0.1596	0.9576	13.95%	0
50		8	6.488	6.349	6.626	5.7	7	0.0681	0.4086	6.3%	0
100		8	6.313	5.908	6.717	4.4	7.5	0.1995	1.197	18.96%	0
Overall		48	6.944			4.4	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
100		8	98	98	98	98	98	0	0	0.0%	0
Overall		16	93.63			84	98				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.925	7.895	7.955	7.8	8.1	0.01477	0.08864	1.12%	0
6.25		8	7.835	7.796	7.874	7.6	7.98	0.01917	0.115	1.47%	0
12.5		8	7.825	7.79	7.86	7.6	7.9	0.01725	0.1035	1.32%	0
25		8	7.813	7.774	7.851	7.6	7.9	0.01877	0.1126	1.44%	0
50		8	7.713	7.679	7.746	7.6	7.9	0.01652	0.0991	1.29%	0
100		8	7.725	7.666	7.784	7.5	7.9	0.02921	0.1753	2.27%	0
Overall		48	7.806			7.5	8.1				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.73	24.62	24.83	24.2	25	0.0494	0.2964	1.2%	0
6.25		8	24.74	24.61	24.87	24.1	25.2	0.06482	0.3889	1.57%	0
12.5		8	24.59	24.47	24.71	24.1	25.3	0.06005	0.3603	1.47%	0
25		8	24.73	24.6	24.85	24.2	25.3	0.0596	0.3576	1.45%	0
50		8	24.74	24.58	24.89	24	25.5	0.0766	0.4596	1.86%	0
100		8	24.74	24.59	24.88	24	25.5	0.07179	0.4308	1.74%	0
Overall		48	24.71			24	25.5				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
100		35	35	35	35	35	35	35	35

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	335	349
6.25		332	329	329	328	379	379	379	312
12.5		319	315	320	322	318	325	335	267
25		288	222	229	228	232	235	235	267
50		224	215	220	222	225	228	228	223
100		92	93	95	99	94	97	99	103

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	7.6	7.8	7.9	7.5	7.5	7.7	7.9
6.25		5.8	6.9	7.8	7.8	7.6	7.5	7.7	7.9
12.5		5.9	7.4	7.7	7.8	7.6	7.6	7.5	5.7
25		5.9	7.2	7.7	7.8	7.5	7.5	5.8	5.5
50		5.7	6.7	7	6.3	6.2	6.8	6.6	6.6
100		4.4	6.3	6.9	5.6	7.3	7.5	7.5	5

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
100		98	98	98	98	98	98	98	98

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7.9	7.9	7.9	7.9	8	7.8	7.9
6.25		7.8	7.8	7.9	7.9	7.98	7.8	7.9	7.6
12.5		7.9	7.8	7.9	7.9	7.9	7.8	7.8	7.6
25		7.8	7.7	7.9	7.9	7.9	7.9	7.8	7.6
50		7.8	7.7	7.9	7.7	7.6	7.7	7.7	7.6
100		7.5	7.5	7.7	7.9	7.9	7.9	7.8	7.6

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	24.2	24.5	24.5	24.8	25	25	25
6.25		25.2	24.1	24.5	24.5	24.5	25.1	25	25
12.5		25.3	24.4	24.5	24.5	24.1	24.5	24.5	24.9
25		25.3	24.2	24.5	24.5	24.5	25	24.9	24.9
50		25.5	24	24.5	24.5	24.5	24.9	25.1	24.9
100		25.5	24	24.5	24.5	24.9	24.9	24.8	24.8

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October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	Ojai-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009149

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC = 100.00 %
TUc = 1.00

IC25 = >100.00 %
IC50 = >100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	13-0481-8092	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	14 Oct-09 14:01	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	18 Oct-09 14:00	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	19-6267-3491	**Code:**	VCF1009149s	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	17h (5.8 °C)	**Station:**	Ojai-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
11-8899-2657	Cell Density	100	>100	N/A	10.48%	1	Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
17-0340-1142	Cell Density	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
11-8899-2657	Cell Density	Control CV	0.06228	NL - 0.2	Yes	Result Within Limits
17-0340-1142	Cell Density	Control CV	0.06228	NL - 0.2	Yes	Result Within Limits
11-8899-2657	Cell Density	Control Resp	1.24E+6	1.00E+6 - NL	Yes	Result Within Limits
17-0340-1142	Cell Density	Control Resp	1.24E+6	1.00E+6 - NL	Yes	Result Within Limits
11-8899-2657	Cell Density	PMSD	0.1048	0.091 - 0.29	Yes	Result Within Limits

Cell Density Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.239E+6	1.210E+6	1.267E+6	1.194E+6	1.354E+6	1.408E+4	7.713E+4	6.23%	0.0%
6.25		4	1.218E+6	1.204E+6	1.232E+6	1.167E+6	1.250E+6	6.655E+3	3.645E+4	2.99%	1.66%
12.5		4	1.345E+6	1.311E+6	1.379E+6	1.251E+6	1.434E+6	1.670E+4	9.145E+4	6.8%	-8.6%
25		4	1.563E+6	1.521E+6	1.604E+6	1.464E+6	1.663E+6	2.025E+4	1.109E+5	7.1%	-26.16%
50		4	1.669E+6	1.653E+6	1.685E+6	1.621E+6	1.723E+6	7.871E+3	4.311E+4	2.58%	-34.76%
100		4	1.363E+6	1.337E+6	1.390E+6	1.289E+6	1.460E+6	1.300E+4	7.118E+4	5.22%	-10.07%

Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.354E+6	1.194E+6	1.205E+6	1.201E+6
6.25		1.167E+6	1.250E+6	1.218E+6	1.237E+6
12.5		1.412E+6	1.251E+6	1.283E+6	1.434E+6
25		1.654E+6	1.469E+6	1.464E+6	1.663E+6
50		1.679E+6	1.621E+6	1.653E+6	1.723E+6
100		1.289E+6	1.358E+6	1.460E+6	1.346E+6

CETIS Measurement Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	13-0481-8092	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	14 Oct-09 14:01	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	18 Oct-09 14:00	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	19-6267-3491	**Code:**	VCF1009149s	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:50	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	17h (5.8 °C)	**Station:**	Ojai-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	68			68	68	0	0	0.0%	0
6.25		1	67			67	67	0	0	0.0%	0
12.5		1	67			67	67	0	0	0.0%	0
25		1	60			60	60	0	0	0.0%	0
50		1	50			50	50	0	0	0.0%	0
100		1	35			35	35	0	0	0.0%	0
Overall		6	57.83			35	68				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	422.2	421	423.4	419	427	0.594	3.564	0.84%	0
6.25		5	407	405.1	408.9	402	415	0.9501	5.701	1.4%	0
12.5		5	413	411.1	414.9	407	418	0.9204	5.523	1.34%	0
25		5	385.6	383.2	388	378	395	1.205	7.232	1.88%	0
50		5	316.8	316	317.6	314	320	0.3979	2.387	0.75%	0
100		5	181	180.1	181.9	178	185	0.4249	2.55	1.41%	0
Overall		30	354.3			178	427				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	99			99	99	0	0	0.0%	0
6.25		1	120			120	120	0	0	0.0%	0
12.5		1	135			135	135	0	0	0.0%	0
25		1	150			150	150	0	0	0.0%	0
50		1	120			120	120	0	0	0.0%	0
100		1	98			98	98	0	0	0.0%	0
Overall		6	120.3			98	150				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	7.74	7.71	7.77	7.6	7.8	0.01491	0.08945	1.16%	0
6.25		5	7.78	7.73	7.83	7.6	8	0.02472	0.1483	1.91%	0
12.5		5	7.8	7.747	7.853	7.6	8	0.02635	0.1581	2.03%	0
25		5	7.8	7.759	7.841	7.7	8	0.02041	0.1225	1.57%	0
50		5	7.8	7.759	7.841	7.7	8	0.02041	0.1225	1.57%	0
100		5	7.78	7.736	7.824	7.7	8	0.02173	0.1304	1.68%	0
Overall		30	7.783			7.6	8				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
6.25		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
12.5		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
25		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
50		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
100		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
Overall		30	24.88			24.5	25.1				0 (0%)

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	68				
6.25		67				
12.5		67				
25		60				
50		50				
100		35				

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	427	419	420	420	425
6.25		411	402	404	403	415
12.5		416	407	407	417	418
25		386	378	379	390	395
50		320	314	315	317	318
100		181	178	181	180	185

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr					
6.25						
12.5						
25						
50						
100						

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	99				
6.25		120				
12.5		135				
25		150				
50		120				
100		98				

pH-Units

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	7.7	7.6	7.8	7.8	7.8
6.25		8	7.8	7.6	7.7	7.8
12.5		8	7.9	7.6	7.7	7.8
25		8	7.8	7.7	7.7	7.8
50		8	7.8	7.7	7.7	7.8
100		8	7.7	7.7	7.7	7.8

Temperature-°C

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	24.9	24.8	24.5	25.1	25.1
6.25		24.9	24.8	24.5	25.1	25.1
12.5		24.9	24.8	24.5	25.1	25.1
25		24.9	24.8	24.5	25.1	25.1
50		24.9	24.8	24.5	25.1	25.1
100		24.9	24.8	24.5	25.1	25.1

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	VC Meiners Oaks-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.150

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Summary Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	00-5400-0972	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:20	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	In-House Culture	**Age:**	
Sample ID:	07-3028-1144	**Code:**	VCF1009150c	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	44h (5.8 °C)	**Station:**	VC Meiners Oaks-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
07-7662-2066	7d Survival Rate	100	>100	N/A	N/A	1	Fisher Exact/Bonferroni-Holm Test
09-4110-8395	Reproduction	100	>100	N/A	23.21%	1	Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
10-8091-3487	7d Survival Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
19-7436-4840	Reproduction	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
07-7662-2066	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
10-8091-3487	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
09-4110-8395	Reproduction	Control Resp	22.4	15 - NL	Yes	Result Within Limits
19-7436-4840	Reproduction	Control Resp	22.4	15 - NL	Yes	Result Within Limits
09-4110-8395	Reproduction	PMSD	0.2321	0.13 - 0.47	Yes	Result Within Limits

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	0.9	0.7819	1	0	1	0.05774	0.3162	35.14%	0.0%
6.25		10	1	1	1	1	1	0	0	0.0%	-11.11%
12.5		10	1	1	1	1	1	0	0	0.0%	-11.11%
25		10	1	1	1	1	1	0	0	0.0%	-11.11%
50		10	1	1	1	1	1	0	0	0.0%	-11.11%
100		10	1	1	1	1	1	0	0	0.0%	-11.11%

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	22.4	19.03	25.77	0	32	1.647	9.021	40.27%	0.0%
6.25		10	24.2	23.22	25.18	21	30	0.4776	2.616	10.81%	-8.04%
12.5		10	22.9	21.52	24.28	17	30	0.6747	3.695	16.14%	-2.23%
25		10	22.4	20.6	24.2	13	30	0.8786	4.812	21.48%	0.0%
50		10	23.2	21.42	24.98	17	30	0.8684	4.756	20.5%	-3.57%
100		10	26	25	27	22	30	0.4869	2.667	10.26%	-16.07%

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	0	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
100		1	1	1	1	1	1	1	1	1	1

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	27	18	19	26	0	27	29	32	25	21
6.25		24	24	26	23	24	22	21	26	22	30
12.5		25	24	25	17	20	20	24	24	30	20
25		23	17	13	20	23	26	22	25	25	30
50		28	28	30	27	17	17	21	23	21	20
100		22	24	27	25	26	30	27	23	26	30

CETIS Measurement Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	00-5400-0972	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:20	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	In-House Culture	**Age:**	
Sample ID:	07-3028-1144	**Code:**	VCF1009150c	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	44h (5.8 °C)	**Station:**	VC Meiners Oaks-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
100		8	53	53	53	53	53	0	0	0.0%	0
Overall		16	57.06			53	63				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350	346.7	353.3	335	359	1.616	9.695	2.77%	0
6.25		8	335.5	332.7	338.3	315	340	1.386	8.315	2.48%	0
12.5		8	336	335	337	331	339	0.504	3.024	0.9%	0
25		8	321.1	315.8	326.5	283	332	2.627	15.76	4.91%	0
50		8	310.6	305.9	315.4	283	325	2.345	14.07	4.53%	0
100		8	269.8	265.6	273.9	249	287	2.05	12.3	4.56%	0
Overall		48	320.5			249	359				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.475	7.253	7.697	5.9	7.9	0.1094	0.6563	8.78%	0
6.25		8	7.088	6.732	7.443	5	7.9	0.1754	1.052	14.84%	0
12.5		8	5.863	5.663	6.062	5	7.1	0.09837	0.5902	10.07%	0
25		8	6.663	6.347	6.978	5.5	7.6	0.1553	0.9319	13.99%	0
50		8	6.7	6.337	7.063	4.7	7.5	0.1788	1.073	16.02%	0
100		8	6.225	5.689	6.761	4	7.5	0.2639	1.584	25.44%	0
Overall		48	6.669			4	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
100		8	130	130	130	130	130	0	0	0.0%	0
Overall		16	109.6			84	130				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.938	7.907	7.968	7.8	8.1	0.01527	0.09161	1.15%	0
6.25		8	7.775	7.732	7.818	7.5	7.9	0.02136	0.1282	1.65%	0
12.5		8	7.763	7.718	7.807	7.5	7.9	0.02171	0.1302	1.68%	0
25		8	7.738	7.712	7.763	7.6	7.8	0.0124	0.07441	0.96%	0
50		8	7.738	7.69	7.785	7.5	7.9	0.02346	0.1408	1.82%	0
100		8	7.4	7.34	7.46	7.1	7.7	0.02955	0.1773	2.4%	0
Overall		48	7.725			7.1	8.1				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.55	24.44	24.66	24.1	25	0.05564	0.3338	1.36%	0
6.25		8	24.41	24.26	24.56	24	25.1	0.07316	0.439	1.8%	0
12.5		8	24.61	24.51	24.72	24.2	25.1	0.05228	0.3137	1.27%	0
25		8	24.8	24.76	24.84	24.5	24.9	0.02184	0.131	0.53%	0
50		8	24.63	24.5	24.75	24.1	25	0.06347	0.3808	1.55%	0
100		8	24.58	24.44	24.71	24	25.1	0.06711	0.4027	1.64%	0
Overall		48	24.6			24	25.1				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
100		53	53	53	53	53	53	53	53

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	335	349
6.25		340	338	338	338	338	339	338	315
12.5		332	331	335	338	338	338	337	339
25		326	323	329	322	325	332	329	283
50		304	303	310	315	320	325	325	283
100		260	262	268	287	277	277	278	249

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	7.6	7.8	7.9	7.5	7.5	7.7	7.9
6.25		5.9	7.5	7.7	7.8	7.9	7.4	7.5	5
12.5		5.8	5.9	5.6	7.1	5.6	5.9	5	6
25		5.5	5.9	5.9	5.9	7.5	7.5	7.6	7.5
50		4.7	6.6	7.2	7.4	7.4	7.5	7.4	5.4
100		4	4	7	7.3	7.5	7.5	7.4	5.1

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
100		130	130	130	130	130	130	130	130

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7.9	7.9	7.9	8	7.8	7.9	8
6.25		7.7	7.8	7.9	7.8	7.8	7.9	7.5	7.8
12.5		7.8	7.7	7.7	7.8	7.8	7.9	7.9	7.5
25		7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.6
50		7.6	7.7	7.7	7.8	7.8	7.9	7.9	7.5
100		7.1	7.4	7.3	7.5	7.5	7.3	7.4	7.7

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	24.2	24.5	24.1	24.3	25	24.9	24.6
6.25		25.1	24.3	24.4	24.5	25	24	24	24
12.5		25.1	24.2	24.8	24.3	24.4	24.7	24.9	24.5
25		24.8	24.8	24.9	24.8	24.9	24.8	24.5	24.9
50		24.9	24.1	24.1	24.5	24.5	24.9	25	25
100		25.1	25	24.1	24.5	24	24.5	24.9	24.5

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	VC Meiners Oaks-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.150

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

for

Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	12-5289-6043	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:20	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	11-5341-8496	**Code:**	VCF1009150f	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	44h (5.8 °C)	**Station:**	VC Meiners Oaks-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
06-1275-3643	7d Survival Rate	100	>100	N/A	8.01%	1	Dunnett's Multiple Comparison Test
17-0843-4879	Mean Dry Biomass-mg	100	>100	N/A	24.66%	1	Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
14-3749-9775	7d Survival Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
12-2548-4831	Mean Dry Biomass-mg	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
06-1275-3643	7d Survival Rate	Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits
14-3749-9775	7d Survival Rate	Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits
12-2548-4831	Mean Dry Biomass-mg	Control Resp	0.326	0.25 - NL	Yes	Result Within Limits
17-0843-4879	Mean Dry Biomass-mg	Control Resp	0.326	0.25 - NL	Yes	Result Within Limits
17-0843-4879	Mean Dry Biomass-mg	PMSD	0.2466	0.12 - 0.3	Yes	Result Within Limits

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9833	0.9709	0.9958	0.9333	1	0.006086	0.03333	3.39%	0.0%
6.25		4	0.9667	0.9523	0.981	0.9333	1	0.007027	0.03849	3.98%	1.7%
12.5		4	0.95	0.9376	0.9624	0.9333	1	0.006086	0.03333	3.51%	3.39%
25		4	0.9667	0.9418	0.9916	0.8667	1	0.01217	0.06667	6.9%	1.7%
50		4	0.95	0.9262	0.9738	0.8667	1	0.01165	0.06383	6.72%	3.39%
100		4	0.9833	0.9709	0.9958	0.9333	1	0.006086	0.03333	3.39%	0.0%

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.326	0.3134	0.3386	0.296	0.3553	0.006184	0.03387	10.39%	0.0%
6.25		4	0.4442	0.4189	0.4694	0.36	0.5	0.01236	0.0677	15.24%	-36.25%
12.5		4	0.4318	0.4057	0.4579	0.376	0.5253	0.01276	0.06991	16.19%	-32.46%
25		4	0.4117	0.3991	0.4243	0.3773	0.4547	0.006165	0.03377	8.2%	-26.28%
50		4	0.4132	0.3986	0.4277	0.3713	0.4647	0.007123	0.03902	9.44%	-26.74%
100		4	0.4372	0.4333	0.4411	0.4287	0.452	0.001905	0.01043	2.39%	-34.1%

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		0.9333	1	0.9333	1
12.5		1	0.9333	0.9333	0.9333
25		1	1	1	0.8667
50		0.8667	1	1	0.9333
100		1	1	1	0.9333

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.3553	0.2973	0.3553	0.296
6.25		0.5	0.498	0.36	0.4187
12.5		0.5253	0.376	0.3807	0.4453
25		0.394	0.4207	0.4547	0.3773
50		0.4007	0.4647	0.416	0.3713
100		0.4287	0.4313	0.4367	0.452

CETIS Measurement Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	12-5289-6043	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:20	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	11-5341-8496	**Code:**	VCF1009150f	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	44h (5.8 °C)	**Station:**	VC Meiners Oaks-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
100		8	53	53	53	53	53	0	0	0.0%	0
Overall		16	57.06			53	63				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350	346.7	353.3	335	359	1.616	9.695	2.77%	0
6.25		8	335.5	332.7	338.3	315	340	1.386	8.315	2.48%	0
12.5		8	332	328.3	335.7	306	338	1.815	10.89	3.28%	0
25		8	323.8	320.7	326.8	302	329	1.506	9.036	2.79%	0
50		8	310.6	305.9	315.4	283	325	2.345	14.07	4.53%	0
100		8	269.8	266.4	273.1	255	283	1.666	9.996	3.71%	0
Overall		48	320.3			255	359				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.475	7.253	7.697	5.9	7.9	0.1094	0.6563	8.78%	0
6.25		8	7.475	7.251	7.699	5.9	7.9	0.1101	0.6606	8.84%	0
12.5		8	7.388	7.163	7.612	5.8	7.9	0.1107	0.6643	8.99%	0
25		8	6.363	6.157	6.568	5.5	7.5	0.1012	0.607	9.54%	0
50		8	7.013	6.677	7.348	4.7	7.6	0.1651	0.9906	14.13%	0
100		8	6.763	6.349	7.176	4	7.5	0.2037	1.222	18.08%	0
Overall		48	7.079			4	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
100		8	130	130	130	130	130	0	0	0.0%	0
Overall		16	109.6			84	130				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.938	7.907	7.968	7.8	8.1	0.01527	0.09161	1.15%	0
6.25		8	7.838	7.812	7.863	7.7	7.9	0.0124	0.0744	0.95%	0
12.5		8	7.65	7.61	7.69	7.5	7.8	0.01992	0.1195	1.56%	0
25		8	7.75	7.706	7.794	7.5	7.9	0.02182	0.1309	1.69%	0
50		8	7.625	7.59	7.66	7.5	7.8	0.01725	0.1035	1.36%	0
100		8	7.575	7.481	7.669	7.1	7.9	0.04608	0.2765	3.65%	0
Overall		48	7.729			7.1	8.1				0 (0%)

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.73	24.62	24.83	24.2	25.1	0.0502	0.3012	1.22%	0
6.25		8	24.71	24.59	24.83	24.3	25.1	0.05804	0.3482	1.41%	0
12.5		8	24.68	24.55	24.8	24.1	25.4	0.06346	0.3808	1.54%	0
25		8	24.4	24.29	24.51	24	24.9	0.05564	0.3338	1.37%	0
50		8	24.55	24.43	24.67	24.1	25	0.05909	0.3546	1.44%	0
100		8	24.56	24.42	24.71	24	25.1	0.07123	0.4274	1.74%	0
Overall		48	24.6			24	25.4				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
100		53	53	53	53	53	53	53	53

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	335	349
6.25		340	338	338	338	338	339	338	315
12.5		332	331	335	338	338	338	338	306
25		326	323	325	328	328	329	329	302
50		304	303	310	315	320	325	325	283
100		260	262	268	275	277	278	255	283

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	7.6	7.8	7.9	7.5	7.5	7.7	7.9
6.25		5.9	7.5	7.7	7.7	7.8	7.9	7.4	7.9
12.5		5.8	7.4	7.5	7.7	7.5	7.5	7.9	7.8
25		5.5	5.9	5.9	7.5	6.6	6.5	6.5	6.5
50		4.7	6.6	7.2	7.5	7.4	7.5	7.6	7.6
100		4	6	7	7.3	7.5	7.5	7.4	7.4

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
100		130	130	130	130	130	130	130	130

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7.9	7.9	7.9	8	7.8	7.9	8
6.25		7.7	7.8	7.9	7.9	7.8	7.9	7.9	7.8
12.5		7.8	7.6	7.7	7.8	7.7	7.5	7.6	7.5
25		7.7	7.5	7.7	7.9	7.8	7.7	7.8	7.9
50		7.7	7.8	7.7	7.6	7.5	7.6	7.6	7.5
100		7.1	7.4	7.5	7.7	7.7	7.9	7.9	7.4

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	24.2	24.5	24.5	24.9	24.8	25	25.1
6.25		25.1	24.5	24.3	24.5	24.3	25.1	25	24.9
12.5		25.4	24.1	24.5	24.7	24.8	24.9	24.5	24.5
25		24.8	24.1	24.1	24.5	24.3	24	24.5	24.9
50		24.9	24.1	24.4	24.1	24.5	24.9	24.5	25
100		25.1	24.1	24.5	24.3	24	24.5	25	25

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	VC Meiners Oaks-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009150

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC = 100.00 %
TUc = 1.00

IC25 = >100.00 %
IC50 = >100.00 %

Yours very truly,

For Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	18-9693-7800	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	14 Oct-09 14:02	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	18 Oct-09 14:00	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	10-4907-7842	**Code:**	VCF1009150s	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	18h (5.8 °C)	**Station:**	VC Meiners Oaks-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
03-4277-5214	Cell Density	100	>100	N/A	10.74%	1	Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
11-4376-9234	Cell Density	IC5	92.43	66.56	N/A	1.082	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
03-4277-5214	Cell Density	Control CV	0.06228	NL - 0.2	Yes	Result Within Limits
11-4376-9234	Cell Density	Control CV	0.06228	NL - 0.2	Yes	Result Within Limits
03-4277-5214	Cell Density	Control Resp	1.24E+6	1.00E+6 - NL	Yes	Result Within Limits
11-4376-9234	Cell Density	Control Resp	1.24E+6	1.00E+6 - NL	Yes	Result Within Limits
03-4277-5214	Cell Density	PMSD	0.1074	0.091 - 0.29	Yes	Result Within Limits

Cell Density Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.239E+6	1.210E+6	1.267E+6	1.194E+6	1.354E+6	1.408E+4	7.713E+4	6.23%	0.0%
6.25		4	1.588E+6	1.573E+6	1.602E+6	1.557E+6	1.644E+6	7.128E+3	3.904E+4	2.46%	-28.18%
12.5		4	1.689E+6	1.668E+6	1.711E+6	1.629E+6	1.768E+6	1.054E+4	5.775E+4	3.42%	-36.39%
25		4	1.844E+6	1.819E+6	1.869E+6	1.789E+6	1.940E+6	1.206E+4	6.607E+4	3.58%	-48.89%
50		4	1.851E+6	1.803E+6	1.899E+6	1.749E+6	2.031E+6	2.350E+4	1.287E+5	6.96%	-49.43%
100		4	1.545E+6	1.519E+6	1.571E+6	1.451E+6	1.613E+6	1.276E+4	6.992E+4	4.53%	-24.77%

Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.354E+6	1.194E+6	1.205E+6	1.201E+6
6.25		1.567E+6	1.557E+6	1.644E+6	1.582E+6
12.5		1.768E+6	1.681E+6	1.679E+6	1.629E+6
25		1.826E+6	1.821E+6	1.789E+6	1.940E+6
50		1.749E+6	1.768E+6	1.855E+6	2.031E+6
100		1.538E+6	1.579E+6	1.613E+6	1.451E+6

CETIS Measurement Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	18-9693-7800	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	14 Oct-09 14:02	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	18 Oct-09 14:00	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	10-4907-7842	**Code:**	VCF1009150s	**Client:**	VCWPD
Sample Date:	13 Oct-09 20:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	18h (5.8 °C)	**Station:**	VC Meiners Oaks-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	68			68	68	0	0	0.0%	0
6.25		1	70			70	70	0	0	0.0%	0
12.5		1	62			62	62	0	0	0.0%	0
25		1	57			57	57	0	0	0.0%	0
50		1	61			61	61	0	0	0.0%	0
100		1	53			53	53	0	0	0.0%	0
Overall		6	61.83			53	70				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	422.6	421.5	423.7	419	427	0.5603	3.362	0.8%	0
6.25		5	418.2	416.1	420.3	415	429	1.017	6.099	1.46%	0
12.5		5	424	422.5	425.5	419	428	0.7169	4.301	1.01%	0
25		5	413.6	411.9	415.3	408	418	0.8547	5.128	1.24%	0
50		5	387.6	386.1	389.1	384	395	0.7509	4.506	1.16%	0
100		5	356	348.4	363.6	335	380	3.744	22.46	6.31%	0
Overall		30	403.7			335	429				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	99			99	99	0	0	0.0%	0
6.25		1	126			126	126	0	0	0.0%	0
12.5		1	132			132	132	0	0	0.0%	0
25		1	132			132	132	0	0	0.0%	0
50		1	143			143	143	0	0	0.0%	0
100		1	130			130	130	0	0	0.0%	0
Overall		6	127			99	143				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	7.74	7.71	7.77	7.6	7.8	0.01491	0.08945	1.16%	0
6.25		5	7.7	7.652	7.748	7.5	7.8	0.02357	0.1414	1.84%	0
12.5		5	7.68	7.636	7.724	7.5	7.8	0.02173	0.1304	1.7%	0
25		5	7.66	7.63	7.69	7.6	7.8	0.01491	0.08944	1.17%	0
50		5	7.62	7.576	7.664	7.5	7.8	0.02173	0.1304	1.71%	0
100		5	7.58	7.524	7.636	7.4	7.8	0.02739	0.1643	2.17%	0
Overall		30	7.663			7.4	7.8				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
6.25		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
12.5		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
25		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
50		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
100		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
Overall		30	24.88			24.5	25.1				0 (0%)

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	68				
6.25		70				
12.5		62				
25		57				
50		61				
100		53				

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	427	419	422	420	425
6.25		429	415	415	415	417
12.5		428	419	420	428	425
25		417	408	408	417	418
50		395	384	384	387	388
100		348	335	337	380	380

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr					
6.25						
12.5						
25						
50						
100						

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	99				
6.25		126				
12.5		132				
25		132				
50		143				
100		130				

pH-Units

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	7.7	7.6	7.8	7.8	7.8
6.25		7.8	7.6	7.5	7.8	7.8
12.5		7.8	7.6	7.5	7.7	7.8
25		7.8	7.6	7.6	7.6	7.7
50		7.8	7.5	7.6	7.5	7.7
100		7.8	7.4	7.5	7.5	7.7

Temperature-°C

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	24.9	24.8	24.5	25.1	25.1
6.25		24.9	24.8	24.5	25.1	25.1
12.5		24.9	24.8	24.5	25.1	25.1
25		24.9	24.8	24.5	25.1	25.1
50		24.9	24.8	24.5	25.1	25.1
100		24.9	24.8	24.5	25.1	25.1

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	Ventura-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.151

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

For: Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	07-2637-7986	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 16:00	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:40	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	In-House Culture	**Age:**	<24h
Sample ID:	02-4443-6481	**Code:**	VCF1009151c	**Client:**	VCWPD
Sample Date:	13 Oct-09 23:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	41h (5.8 °C)	**Station:**	Ventura-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
09-3109-9155	7d Survival Rate	100	>100	N/A	N/A	1	Fisher Exact/Bonferroni-Holm Test
13-0761-8535	Reproduction	100	>100	N/A	30.7%	1	Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
20-8065-8115	7d Survival Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
04-0341-5464	Reproduction	IC5	64.24	38.18	74.48	1.557	Linear Interpolation (ICPIN)
		IC10	78.48	52.17	98.96	1.274	
		IC15	92.72	77.98	N/A	1.079	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
09-3109-9155	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
20-8065-8115	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
04-0341-5464	Reproduction	Control Resp	23.1	15 - NL	Yes	Result Within Limits
13-0761-8535	Reproduction	Control Resp	23.1	15 - NL	Yes	Result Within Limits
13-0761-8535	Reproduction	PMSD	0.307	0.13 - 0.47	Yes	Result Within Limits

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	0.9	0.7819	1	0	1	0.05774	0.3162	35.14%	0.0%
6.25		10	1	1	1	1	1	0	0	0.0%	-11.11%
12.5		10	1	1	1	1	1	0	0	0.0%	-11.11%
25		10	1	1	1	1	1	0	0	0.0%	-11.11%
50		10	1	1	1	1	1	0	0	0.0%	-11.11%
100		10	1	1	1	1	1	0	0	0.0%	-11.11%

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	23.1	21.43	24.77	18	31	0.8185	4.483	19.41%	0.0%
6.25		10	28.4	24.01	32.79	15	46	2.149	11.77	41.44%	-22.94%
12.5		10	30.8	28.6	33	16	36	1.074	5.884	19.1%	-33.33%
25		10	35.2	33.4	37	28	45	0.8811	4.826	13.71%	-52.38%
50		10	32.3	29.29	35.31	15	42	1.471	8.056	24.94%	-39.83%
100		10	24.7	23.75	25.65	21	29	0.4639	2.541	10.29%	-6.93%

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	0	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
100		1	1	1	1	1	1	1	1	1	1

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	21	25	19	18	19	19	31	27	27	25
6.25		20	15	31	18	37	44	46	18	36	19
12.5		34	32	35	16	31	34	32	32	36	26
25		45	34	37	38	37	30	28	36	36	31
50		30	34	33	15	39	25	42	41	30	34
100		29	24	22	23	27	27	23	21	26	25

CETIS Measurement Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	07-2637-7986	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 16:00	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:40	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	In-House Culture	**Age:**	<24h
Sample ID:	02-4443-6481	**Code:**	VCF1009151c	**Client:**	VCWPD
Sample Date:	13 Oct-09 23:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	41h (5.8 °C)	**Station:**	Ventura-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
100		8	42	42	42	42	42	0	0	0.0%	0
Overall		16	51.56			42	63				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350.1	346.9	353.3	335	359	1.58	9.478	2.71%	0
6.25		8	342.8	335.6	349.9	310	385	3.516	21.1	6.16%	0
12.5		8	325.5	321.3	329.7	299	339	2.061	12.36	3.8%	0
25		8	293	285.1	300.9	236	308	3.871	23.23	7.93%	0
50		8	266.4	256.6	276.2	232	306	4.816	28.9	10.85%	0
100		8	157.6	154.6	160.6	148	170	1.472	8.831	5.6%	0
Overall		48	289.2			148	385				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.475	7.253	7.697	5.9	7.9	0.1094	0.6563	8.78%	0
6.25		8	6.088	5.898	6.277	5.2	6.6	0.0932	0.5592	9.19%	0
12.5		8	6.425	6.13	6.72	5.2	7.6	0.1455	0.873	13.59%	0
25		8	6.613	6.412	6.813	5.8	7.4	0.09898	0.5939	8.98%	0
50		8	6.388	6.288	6.487	5.7	6.6	0.04915	0.2949	4.62%	0
100		8	6.738	6.474	7.001	5.1	7.4	0.13	0.78	11.58%	0
Overall		48	6.621			5.1	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
100		8	85	85	85	85	85	0	0	0.0%	0
Overall		16	87.13			84	98				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.938	7.902	7.973	7.8	8.1	0.01768	0.1061	1.34%	0
6.25		8	7.788	7.754	7.821	7.6	7.9	0.01652	0.0991	1.27%	0
12.5		8	7.775	7.74	7.81	7.6	7.9	0.01725	0.1035	1.33%	0
25		8	7.8	7.769	7.831	7.6	7.9	0.01543	0.09258	1.19%	0
50		8	7.775	7.728	7.822	7.6	7.9	0.02314	0.1389	1.79%	0
100		8	7.75	7.693	7.807	7.5	7.9	0.02817	0.169	2.18%	0
Overall		48	7.804			7.5	8.1				0 (0%)

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.65	24.53	24.77	24	25	0.06042	0.3625	1.47%	0
6.25		8	24.79	24.73	24.84	24.5	25	0.02738	0.1643	0.66%	0
12.5		8	24.5	24.37	24.63	24	25.1	0.06362	0.3817	1.56%	0
25		8	24.86	24.72	25.01	24.2	25.5	0.07067	0.424	1.71%	0
50		8	24.7	24.55	24.85	24.1	25.5	0.07507	0.4504	1.82%	0
100		8	24.55	24.36	24.74	24	25.5	0.09215	0.5529	2.25%	0
Overall		48	24.68			24	25.5				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
100		42	42	42	42	42	42	42	42

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	336	349
6.25		333	333	340	345	348	385	348	310
12.5		324	320	325	330	332	335	339	299
25		300	298	300	300	300	302	308	236
50		251	248	249	250	295	300	306	232
100		148	150	155	158	165	170	167	148

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	7.6	7.8	7.9	7.5	7.5	7.7	7.9
6.25		5.9	6.3	6.4	6.5	6.6	6.5	5.3	5.2
12.5		5.9	5.4	7.4	7.6	6.6	6.5	6.8	5.2
25		5.8	7.4	7.4	5.9	6.6	6.8	6.5	6.5
50		5.7	6.6	6.5	6.6	6.5	6.3	6.4	6.5
100		5.1	6.7	7.1	7.3	7	7.2	7.4	6.1

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
100		85	85	85	85	85	85	85	85

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7.9	7.9	7.8	7.8	8	8	8
6.25		7.8	7.7	7.8	7.9	7.9	7.8	7.8	7.6
12.5		7.8	7.8	7.7	7.7	7.8	7.9	7.9	7.6
25		7.8	7.8	7.6	7.8	7.8	7.9	7.8	7.9
50		7.7	7.6	7.7	7.6	7.9	7.9	7.9	7.9
100		7.5	7.6	7.6	7.7	7.9	7.9	7.9	7.9

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	24.4	24.5	24.5	25	24	25	25
6.25		24.8	24.9	24.9	24.8	25	24.8	24.6	24.5
12.5		25.1	24.9	24	24.5	24.5	24	24.5	24.5
25		25.1	24.2	24.5	24.5	25	25	25.1	25.5
50		24.9	24.1	24.5	25.5	24.6	24.2	24.9	24.9
100		24.5	24	24	24.5	24.9	24	25	25.5

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October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	Ventura-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009.151

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

for Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	14-8750-4625	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 16:00	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:40	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	16-8148-7689	**Code:**	VCF1009151f	**Client:**	VCWPD
Sample Date:	13 Oct-09 23:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	41h (5.8 °C)	**Station:**	Ventura-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
09-7158-6578	7d Survival Rate	100	>100	N/A	4.13%	1	Steel Many-One Rank Test
03-6491-6444	Mean Dry Biomass-mg	100	>100	N/A	18.08%	1	Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
00-0050-7159	7d Survival Rate	EC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		EC10	>100	N/A	N/A	<1	
		EC15	>100	N/A	N/A	<1	
		EC20	>100	N/A	N/A	<1	
		EC25	>100	N/A	N/A	<1	
		EC40	>100	N/A	N/A	<1	
		EC50	>100	N/A	N/A	<1	
20-8455-5265	Mean Dry Biomass-mg	IC5	91.48	9.206	N/A	1.093	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
00-0050-7159	7d Survival Rate	Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits
09-7158-6578	7d Survival Rate	Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits
03-6491-6444	Mean Dry Biomass-mg	Control Resp	0.326	0.25 - NL	Yes	Result Within Limits
20-8455-5265	Mean Dry Biomass-mg	Control Resp	0.326	0.25 - NL	Yes	Result Within Limits
03-6491-6444	Mean Dry Biomass-mg	PMSD	0.1808	0.12 - 0.3	Yes	Result Within Limits

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9833	0.9709	0.9958	0.9333	1	0.006086	0.03333	3.39%	0.0%
6.25		4	1	1	1	1	1	0	0	0.0%	-1.7%
12.5		4	0.9833	0.9709	0.9958	0.9333	1	0.006086	0.03333	3.39%	0.0%
25		4	1	1	1	1	1	0	0	0.0%	-1.7%
50		4	0.9833	0.9709	0.9958	0.9333	1	0.006086	0.03333	3.39%	0.0%
100		4	1	1	1	1	1	0	0	0.0%	-1.7%

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.326	0.3134	0.3386	0.296	0.3553	0.006184	0.03387	10.39%	0.0%
6.25		4	0.4172	0.4039	0.4304	0.3847	0.4573	0.006487	0.03553	8.52%	-27.97%
12.5		4	0.4948	0.4847	0.505	0.4707	0.5287	0.00495	0.02711	5.48%	-51.79%
25		4	0.4668	0.4553	0.4783	0.444	0.5107	0.005627	0.03082	6.6%	-43.2%
50		4	0.4133	0.4003	0.4264	0.3827	0.4533	0.006388	0.03499	8.47%	-26.79%
100		4	0.4032	0.387	0.4193	0.37	0.4647	0.007904	0.04329	10.74%	-23.67%

Fathead Minnow 7-d Larval Survival and Growth Test
Aquatic Bioassay & Consulting Labs, Inc.

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		1	1	1	1
12.5		1	1	1	0.9333
25		1	1	1	1
50		1	1	1	0.9333
100		1	1	1	1

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.3553	0.2973	0.3553	0.296
6.25		0.3847	0.39	0.4367	0.4573
12.5		0.4707	0.5287	0.5047	0.4753
25		0.4467	0.5107	0.466	0.444
50		0.432	0.4533	0.3827	0.3853
100		0.4647	0.37	0.376	0.402

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	14-8750-4625	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 16:00	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:40	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	16-8148-7689	**Code:**	VCF1009151f	**Client:**	VCWPD
Sample Date:	13 Oct-09 23:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	41h (5.8 °C)	**Station:**	Ventura-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
100		8	42	42	42	42	42	0	0	0.0%	0
Overall		16	51.56			42	63				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350.1	346.9	353.3	335	359	1.58	9.478	2.71%	0
6.25		8	327.8	315.8	339.7	245	355	5.867	35.2	10.74%	0
12.5		8	325.5	321.3	329.7	299	339	2.061	12.36	3.8%	0
25		8	259.3	227	291.5	30	308	15.91	95.46	36.82%	0
50		8	266.4	256.6	276.2	232	306	4.816	28.9	10.85%	0
100		8	157.6	154.6	160.6	148	170	1.472	8.831	5.6%	0
Overall		48	281.1			30	359				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.263	6.983	7.542	5.9	7.9	0.1377	0.8262	11.38%	0
6.25		8	6.888	6.609	7.166	5.8	7.8	0.137	0.8219	11.93%	0
12.5		8	6.225	5.981	6.469	4.6	6.9	0.1204	0.7226	11.61%	0
25		8	6.263	5.841	6.684	4.9	8.5	0.2076	1.245	19.89%	0
50		8	6.825	6.64	7.01	5.7	7.4	0.09118	0.5471	8.02%	0
100		8	6.613	6.326	6.899	5.1	7.5	0.1413	0.8476	12.82%	0
Overall		48	6.679			4.6	8.5				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
100		8	85	85	85	85	85	0	0	0.0%	0
Overall		16	87.13			84	98				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.813	7.697	7.928	7	8.1	0.05665	0.3399	4.35%	0
6.25		8	7.8	7.764	7.836	7.6	7.9	0.01782	0.1069	1.37%	0
12.5		8	7.8	7.774	7.826	7.7	7.9	0.0126	0.07559	0.97%	0
25		8	7.813	7.791	7.834	7.7	7.9	0.01068	0.06409	0.82%	0
50		8	7.7	7.649	7.751	7.5	7.9	0.0252	0.1512	1.96%	0
100		8	7.65	7.587	7.713	7.4	7.9	0.03086	0.1852	2.42%	0
Overall		48	7.763			7	8.1				0 (0%)

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.61	24.48	24.74	24.1	25	0.06389	0.3834	1.56%	0
6.25		8	24.43	24.35	24.5	24.1	24.8	0.03857	0.2314	0.95%	0
12.5		8	24.44	24.27	24.61	24	25.1	0.08307	0.4984	2.04%	0
25		8	24.73	24.62	24.83	24.2	25.1	0.05327	0.3196	1.29%	0
50		8	24.76	24.62	24.91	24.1	25.5	0.07124	0.4274	1.73%	0
100		8	24.69	24.56	24.81	24	25	0.062	0.372	1.51%	0
Overall		48	24.61			24	25.5				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
100		42	42	42	42	42	42	42	42

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	336	349
6.25		333	333	340	245	348	355	348	320
12.5		324	320	325	330	332	335	339	299
25		300	298	300	300	30	302	308	236
50		251	248	249	250	295	300	306	232
100		148	150	155	158	165	170	167	148

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	7.6	7.8	7.9	7.5	7.5	6	7.9
6.25		5.9	6.3	7.8	7.8	6.7	7.4	7.4	5.8
12.5		5.9	6.4	4.6	6.4	6.4	6.8	6.9	6.4
25		5.8	8.5	5.6	4.9	5.8	5.9	5.7	7.9
50		5.7	7	7.2	7.4	7	7.2	6.6	6.5
100		5.1	5.9	6.7	7.1	7.5	7.5	7	6.1

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
100		85	85	85	85	85	85	85	85

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7	7.9	7.9	7.9	7.9	8	7.8
6.25		7.8	7.7	7.8	7.9	7.9	7.8	7.9	7.6
12.5		7.8	7.7	7.7	7.8	7.8	7.9	7.9	7.8
25		7.8	7.9	7.7	7.8	7.8	7.8	7.9	7.8
50		7.7	7.7	7.5	7.7	7.7	7.9	7.9	7.5
100		7.5	7.6	7.5	7.7	7.7	7.9	7.9	7.4

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	24.2	24.5	24.1	24.3	25	25	25
6.25		24.8	24.1	24.1	24.5	24.4	24.5	24.5	24.5
12.5		25.1	24	24	24	24.9	25	24	24.5
25		25.1	24.2	24.5	24.6	24.9	24.5	25	25
50		24.9	24.1	24.5	24.5	25	25.5	24.6	25
100		24.5	24	24.5	24.5	25	25	25	25

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

October 30th, 2009

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013*
Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	Ventura-1
DATE RECEIVED:	10/14/2009
ABC LAB. NO.:	VCF1009151

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC = 100.00 %
TUc = 1.00

IC25 = >100.00 %
IC50 = >100.00 %

Yours very truly,

For Thomas (Tim) Mikel
Laboratory Director

CETIS Summary Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	06-7031-2983	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	14 Oct-09 14:03	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	18 Oct-09 14:00	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	04-9315-3473	**Code:**	VCF1009151s	**Client:**	VCWPD
Sample Date:	13 Oct-09 23:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	15h (5.8 °C)	**Station:**	Ventura-1		

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
03-0498-6778	Cell Density	100	>100	N/A	8.9%	1	Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	%	95% LCL	95% UCL	TU	Method
10-4457-8305	Cell Density	IC5	>100	N/A	N/A	<1	Linear Interpolation (ICPIN)
		IC10	>100	N/A	N/A	<1	
		IC15	>100	N/A	N/A	<1	
		IC20	>100	N/A	N/A	<1	
		IC25	>100	N/A	N/A	<1	
		IC40	>100	N/A	N/A	<1	
		IC50	>100	N/A	N/A	<1	

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
03-0498-6778	Cell Density	Control CV	0.06228	NL - 0.2	Yes	Result Within Limits
10-4457-8305	Cell Density	Control CV	0.06228	NL - 0.2	Yes	Result Within Limits
03-0498-6778	Cell Density	Control Resp	1.24E+6	1.00E+6 - NL	Yes	Result Within Limits
10-4457-8305	Cell Density	Control Resp	1.24E+6	1.00E+6 - NL	Yes	Result Within Limits
03-0498-6778	Cell Density	PMSD	0.08902	0.091 - 0.29	Yes	Result Below Limit

Cell Density Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.239E+6	1.210E+6	1.267E+6	1.194E+6	1.354E+6	1.408E+4	7.713E+4	6.23%	0.0%
6.25		4	1.252E+6	1.237E+6	1.267E+6	1.195E+6	1.287E+6	7.360E+3	4.031E+4	3.22%	-1.07%
12.5		4	1.443E+6	1.431E+6	1.455E+6	1.397E+6	1.466E+6	5.795E+3	3.174E+4	2.2%	-16.51%
25		4	1.588E+6	1.547E+6	1.629E+6	1.513E+6	1.750E+6	2.021E+4	1.107E+5	6.97%	-28.22%
50		4	1.560E+6	1.543E+6	1.576E+6	1.509E+6	1.606E+6	7.861E+3	4.305E+4	2.76%	-25.92%
100		4	1.380E+6	1.361E+6	1.399E+6	1.337E+6	1.452E+6	9.108E+3	4.989E+4	3.62%	-11.43%

Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.354E+6	1.194E+6	1.205E+6	1.201E+6
6.25		1.272E+6	1.195E+6	1.287E+6	1.253E+6
12.5		1.466E+6	1.397E+6	1.447E+6	1.462E+6
25		1.513E+6	1.750E+6	1.521E+6	1.568E+6
50		1.582E+6	1.509E+6	1.541E+6	1.606E+6
100		1.452E+6	1.363E+6	1.368E+6	1.337E+6

CETIS Measurement Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	06-7031-2983	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	14 Oct-09 14:03	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	18 Oct-09 14:00	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	04-9315-3473	**Code:**	VCF1009151s	**Client:**	VCWPD
Sample Date:	13 Oct-09 23:15	**Material:**	Sample Water	**Project:**	Event 1
Receive Date:	14 Oct-09 10:40	**Source:**	Bioassay Report		
Sample Age:	15h (5.8 °C)	**Station:**	Ventura-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	68			68	68	0	0	0.0%	0
6.25		1	71			71	71	0	0	0.0%	0
12.5		1	67			67	67	0	0	0.0%	0
25		1	60			60	60	0	0	0.0%	0
50		1	54			54	54	0	0	0.0%	0
100		1	42			42	42	0	0	0.0%	0
Overall		6	60.33			42	71				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	422.2	421	423.4	419	427	0.594	3.564	0.84%	0
6.25		5	412.4	410.3	414.5	406	420	1.031	6.189	1.5%	0
12.5		5	391.6	384.8	398.4	356	406	3.359	20.16	5.15%	0
25		5	383.6	382.3	384.9	379	388	0.6519	3.912	1.02%	0
50		5	331.4	328.1	334.7	322	347	1.61	9.659	2.92%	0
100		5	266	255.4	276.6	238	300	5.207	31.24	11.74%	0
Overall		30	367.9			238	427				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	99			99	99	0	0	0.0%	0
6.25		1	138			138	138	0	0	0.0%	0
12.5		1	143			143	143	0	0	0.0%	0
25		1	124			124	124	0	0	0.0%	0
50		1	112			112	112	0	0	0.0%	0
100		1	85			85	85	0	0	0.0%	0
Overall		6	116.8			85	143				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	7.74	7.71	7.77	7.6	7.8	0.01491	0.08945	1.16%	0
6.25		5	7.72	7.676	7.764	7.5	7.8	0.02173	0.1304	1.69%	0
12.5		5	7.72	7.676	7.764	7.5	7.8	0.02173	0.1304	1.69%	0
25		5	7.7	7.659	7.741	7.5	7.8	0.02041	0.1225	1.59%	0
50		5	7.68	7.63	7.73	7.5	7.9	0.02472	0.1483	1.93%	0
100		5	7.62	7.564	7.676	7.5	7.9	0.02739	0.1643	2.16%	0
Overall		30	7.697			7.5	7.9				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
6.25		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
12.5		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
25		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
50		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
100		5	24.88	24.8	24.96	24.5	25.1	0.0415	0.249	1.0%	0
Overall		30	24.88			24.5	25.1				0 (0%)

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	68				
6.25		71				
12.5		67				
25		60				
50		54				
100		42				

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	427	419	420	420	425
6.25		415	406	406	415	420
12.5		406	399	399	398	356
25		386	379	380	385	388
50		347	331	332	322	325
100		248	238	244	300	300

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr					
6.25						
12.5						
25						
50						
100						

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	99				
6.25		138				
12.5		143				
25		124				
50		112				
100		85				

pH-Units

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	7.7	7.6	7.8	7.8	7.8
6.25		7.8	7.7	7.5	7.8	7.8
12.5		7.8	7.8	7.5	7.7	7.8
25		7.8	7.7	7.5	7.7	7.8
50		7.9	7.7	7.6	7.5	7.7
100		7.9	7.5	7.6	7.5	7.6

Temperature-°C

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	24.9	24.8	24.5	25.1	25.1
6.25		24.9	24.8	24.5	25.1	25.1
12.5		24.9	24.8	24.5	25.1	25.1
25		24.9	24.8	24.5	25.1	25.1
50		24.9	24.8	24.5	25.1	25.1
100		24.9	24.8	24.5	25.1	25.1

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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC CERIODAPHNIA SURVIVAL AND REPRODUCTION BIOASSAY

DATE: 15 October - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 10.00 ug/l

IC25 = 8.13 ug/l
IC50 = 11.67 ug/l

ENDPOINT: REPRODUCTION

NOEC = 3.00 ug/l

IC25 = 4.06 ug/l
IC50 = 5.25 ug/l

Yours very truly,

For Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Summary Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	21-1069-4747	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:05	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 15:00	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d	**Source:**	In-House Culture	**Age:**	<24h
Sample ID:	18-2190-6892	**Code:**	CER101509	**Client:**	Internal Lab
Sample Date:	15 Oct-09 15:05	**Material:**	Copper chloride	**Project:**	
Receive Date:	15 Oct-09 15:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
14-5709-6553	7d Survival Rate	10	20	14.14	N/A		Fisher Exact/Bonferroni-Holm Test
19-7091-3290	Reproduction	3	5	3.873	15.85%		Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
14-5933-0447	7d Survival Rate	EC5	5.625	5.357	7.5		Linear Interpolation (ICPIN)
		EC10	6.25	5.714	10		
		EC15	6.875	6.071	10.56		
		EC20	7.5	6.429	11.11		
		EC25	8.125	6.786	11.67		
		EC40	10	7.857	13.33		
		EC50	11.67	8.571	14.44		
18-7404-3926	Reproduction	IC5	3.211	1.967	3.288		Linear Interpolation (ICPIN)
		IC10	3.423	3.095	3.617		
		IC15	3.634	3.279	3.948		
		IC20	3.845	3.501	4.264		
		IC25	4.057	3.679	4.58		
		IC40	4.691	4.226	5.611		
		IC50	5.254	4.566	6.343		

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
14-5709-6553	7d Survival Rate	Control Resp	1	0.8 - NL	Yes	Result Within Limits
14-5933-0447	7d Survival Rate	Control Resp	1	0.8 - NL	Yes	Result Within Limits
18-7404-3926	Reproduction	Control Resp	22.4	15 - NL	Yes	Result Within Limits
19-7091-3290	Reproduction	Control Resp	22.4	15 - NL	Yes	Result Within Limits
19-7091-3290	Reproduction	PMSD	0.1585	0.13 - 0.47	Yes	Result Within Limits

7d Survival Rate Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	1	1	1	1	1	0	0	0.0%	0.0%
3		10	1	1	1	1	1	0	0	0.0%	0.0%
5		10	1	1	1	1	1	0	0	0.0%	0.0%
10		10	0.6	0.4072	0.7928	0	1	0.09428	0.5164	86.07%	40.0%
20		10	0	0	0	0	0	0	0		100.0%
30		10	0	0	0	0	0	0	0		100.0%

Reproduction Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	22.4	21.47	23.33	17	25	0.457	2.503	11.18%	0.0%
3		10	22.4	21.67	23.13	19	25	0.3569	1.955	8.73%	0.0%
5		10	11.8	9.52	14.08	3	24	1.115	6.106	51.75%	47.32%
10		10	0	0	0	0	0	0	0		100.0%
20		10	0	0	0	0	0	0	0		100.0%
30		10	0	0	0	0	0	0	0		100.0%

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

7d Survival Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
3		1	1	1	1	1	1	1	1	1	1
5		1	1	1	1	1	1	1	1	1	1
10		0	0	1	0	0	1	1	1	1	1
20		0	0	0	0	0	0	0	0	0	0
30		0	0	0	0	0	0	0	0	0	0

Reproduction Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	22	24	25	25	23	17	24	23	21	20
3		19	21	23	25	24	21	23	22	25	21
5		16	10	12	13	24	16	7	12	3	5
10		0	0	0	0	0	0	0	0	0	0
20		0	0	0	0	0	0	0	0	0	0
30		0	0	0	0	0	0	0	0	0	0

CETIS Measurement Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	21-1069-4747	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 15:05	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 15:00	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d	**Source:**	In-House Culture	**Age:**	<24h
Sample ID:	18-2190-6892	**Code:**	CER101509	**Client:**	Internal Lab
Sample Date:	15 Oct-09 15:05	**Material:**	Copper chloride	**Project:**	
Receive Date:	15 Oct-09 15:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Alkalinity (CaCO3)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
30		8	60	60	60	60	60	0	0	0.0%	0
Overall		16	60.56			60	63				0 (0%)

Conductivity-µmhos

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350	346.7	353.3	335	359	1.616	9.695	2.77%	0
3		8	352.9	349.2	356.5	336	365	1.798	10.79	3.06%	0
5		8	340.8	337.9	343.6	332	355	1.397	8.379	2.46%	0
10		8	334.6	333.5	335.7	328	340	0.5414	3.249	0.97%	0
20		4	335	334.2	335.8	332	338	0.4082	2.449	0.73%	0
30		4	327.5	322.7	332.3	307	338	2.343	14.06	4.29%	0
Overall		40	340.1			307	365				0 (0%)

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.438	7.22	7.655	5.9	7.9	0.1073	0.6435	8.65%	0
3		8	7.425	7.249	7.601	6.3	8.1	0.08672	0.5203	7.01%	0
5		8	7.475	7.286	7.664	6.3	8.1	0.0929	0.5574	7.46%	0
10		8	7.475	7.284	7.666	6.3	8	0.09418	0.5651	7.56%	0
20		3	7.3	7.005	7.595	6.3	7.9	0.1453	0.8718	11.94%	0
30		3	7.333	7.026	7.64	6.3	8	0.1512	0.9074	12.37%	0
Overall		38	7.408			5.9	8.1				0 (0%)

Hardness (CaCO3)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
30		8	112	112	112	112	112	0	0	0.0%	0
Overall		16	100.6			84	112				0 (0%)

Total Ammonia (N)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	0			0	0	0	0		0
3		1	0			0	0	0	0		0
5		1	0			0	0	0	0		0
10		1	0			0	0	0	0		0
20		1	0			0	0	0	0		0
30		1	0			0	0	0	0		0
Overall		6	0			0	0				0 (0%)

pH-Units

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.938	7.907	7.968	7.8	8.1	0.01527	0.09161	1.15%	0
3		8	7.988	7.938	8.037	7.8	8.2	0.0243	0.1458	1.83%	0
5		8	8	7.974	8.026	7.9	8.1	0.0126	0.07559	0.94%	0
10		8	7.988	7.966	8.009	7.9	8.1	0.01068	0.06409	0.8%	0
20		3	8.033	8.014	8.053	8	8.1	0.009624	0.05774	0.72%	0
30		3	8	8	8	8	8	0	0	0.0%	0
Overall		38	7.991			7.8	8.2				0 (0%)

Temperature-°C

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.55	24.51	24.59	24.5	24.8	0.01782	0.1069	0.44%	0
3		8	24.55	24.52	24.58	24.5	24.7	0.0126	0.07561	0.31%	0
5		8	24.55	24.52	24.58	24.5	24.7	0.0126	0.07561	0.31%	0
10		8	24.58	24.54	24.61	24.5	24.8	0.01726	0.1036	0.42%	0
20		3	24.53	24.51	24.55	24.5	24.6	0.009634	0.0578	0.24%	0
30		3	24.53	24.51	24.55	24.5	24.6	0.009634	0.0578	0.24%	0
Overall		38	24.55			24.5	24.8				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
30		60	60	60	60	60	60	60	60

Conductivity-µmhos

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	335	349
3		336	352	355	359	359	360	365	337
5		332	335	335	335	338	348	355	348
10		334	335	335	335	335	335	340	328
20		332	335	335	338				
30		330	335	338	307				

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	7.6	7.5	7.9	7.5	7.5	7.7	7.9
3		6.3	7.5	7.5	7.8	7.5	7.3	7.4	8.1
5		6.3	7.9	7.7	7.7	7.6	7.2	7.3	8.1
10		6.3	8	7.7	7.7	7.7	7.2	7.2	8
20		6.3	7.9	7.7					
30		6.3	8	7.7					

Hardness (CaCO3)-mg/L

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
30		112	112	112	112	112	112	112	112

Total Ammonia (N)-mg/L

Conc-µg/L	Control Type	1
0	Negative Contr	0
3		0
5		0
10		0
20		0
30		0

pH-Units

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7.9	7.9	7.9	8	7.8	7.9	8
3		8.2	8.2	8	7.9	7.9	7.8	7.9	8
5		8.1	8.1	8	8	8	7.9	7.9	8
10		8.1	8	8	8	8	7.9	7.9	8
20		8.1	8	8					
30		8	8	8					

Temperature-°C

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	24.5	24.5	24.5	24.5	24.5	24.5	24.6
3		24.5	24.6	24.5	24.5	24.5	24.5	24.7	24.6
5		24.5	24.6	24.5	24.5	24.5	24.5	24.7	24.6
10		24.5	24.6	24.5	24.5	24.5	24.8	24.6	24.6
20		24.5	24.6	24.5					
30		24.5	24.6	24.5					

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC FATHEAD MINNOW SURVIVAL AND GROWTH BIOASSAY

DATE: 15 October 2009

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 19.00 ug/l

IC25 = 25.82 ug/l
IC50 = 37.59 ug/l

ENDPOINT: GROWTH

NOEC = <10.00 ug/l

IC25 = 3.19 ug/l
IC50 = 6.37 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Summary Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	07-5523-9121	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 16:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:30	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	7d
Sample ID:	09-9736-5798	**Code:**	FML101509	**Client:**	Internal Lab
Sample Date:	15 Oct-09 16:10	**Material:**	Copper chloride	**Project:**	
Receive Date:	15 Oct-09 16:10	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
01-6400-4786	7d Survival Rate	19	38	26.87	20.76%		Dunnett's Multiple Comparison Test
07-7345-6568	Mean Dry Biomass-mg	<10	10	N/A	4.9%		Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
13-3751-9482	7d Survival Rate	EC5	14.28	10.5	25.05		Linear Interpolation (ICPIN)
		EC10	18.55	11	25.86		
		EC15	21.11	12.54	27.91		
		EC20	23.46	14.19	30.76		
		EC25	25.82	16.43	33.74		
		EC40	32.88	25.27	44.88		
		EC50	37.59	28.58	54.1		
20-9622-4957	7d Survival Rate	EC5	14.28	10.34	25.38		Linear Interpolation (ICPIN)
		EC10	18.55	10.68	26.36		
		EC15	21.11	12.05	28.38		
		EC20	23.46	13.54	31.19		
		EC25	25.82	15.29	34.54		
		EC40	32.88	25.16	45.51		
		EC50	37.59	28.5	54.53		
08-5943-9627	Mean Dry Biomass-mg	IC5	0.6373	0.5977	0.6684		Linear Interpolation (ICPIN)
		IC10	1.275	1.195	1.337		
		IC15	1.912	1.793	2.005		
		IC20	2.549	2.391	2.673		
		IC25	3.187	2.988	3.342		
		IC40	5.099	4.781	5.347		
		IC50	6.373	5.977	6.684		

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
01-6400-4786	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
13-3751-9482	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
20-9622-4957	7d Survival Rate	Control Resp	0.9	0.8 - NL	Yes	Result Within Limits
07-7345-6568	Mean Dry Biomass-mg	Control Resp	1.579	0.25 - NL	Yes	Result Within Limits
08-5943-9627	Mean Dry Biomass-mg	Control Resp	1.579	0.25 - NL	Yes	Result Within Limits
07-7345-6568	Mean Dry Biomass-mg	PMSD	0.04898	0.12 - 0.3	Yes	Result Below Limit

7d Survival Rate Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9	0.8569	0.9431	0.7333	1	0.02108	0.1155	12.83%	0.0%
10		4	1	1	1	1	1	0	0	0.0%	-11.11%
19		4	0.85	0.7987	0.9013	0.7333	1	0.02509	0.1374	16.17%	5.56%
38		4	0.4667	0.3963	0.5371	0.2	0.6	0.03443	0.1886	40.41%	48.15%
75		4	0.1	0.07511	0.1249	0	0.1333	0.01217	0.06667	66.67%	88.89%
100		4	0	0	0	0	0	0	0		100.0%

Analyst: QA:

Mean Dry Biomass-mg Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.579	1.563	1.595	1.54	1.618	0.007879	0.04315	2.73%	0.0%
10		4	0.3402	0.3225	0.3578	0.2727	0.3787	0.008639	0.04732	13.91%	78.45%
19		4	0.2667	0.2443	0.289	0.1913	0.3267	0.01094	0.05994	22.48%	83.11%
38		4	0.0845	0.064	0.105	0.04534	0.164	0.01002	0.0549	64.96%	94.65%
75		4	0.0115	0.008546	0.01446	0	0.018	0.001445	0.007914	68.81%	99.27%
100		4	0	0	0	0	0	0	0		100.0%

7d Survival Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	0.9333	0.9333	0.7333
10		1	1	1	1
19		0.7333	0.9333	1	0.7333
38		0.6	0.2	0.4667	0.6
75		0.1333	0.1333	0.1333	0
100		0	0	0	0

Mean Dry Biomass-mg Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.618	1.543	1.614	1.54
10		0.366	0.2727	0.3787	0.3433
19		0.248	0.3007	0.3267	0.1913
38		0.078	0.05067	0.04534	0.164
75		0.018	0.01466	0.01334	0
100		0	0	0	0

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	07-5523-9121	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	15 Oct-09 16:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	22 Oct-09 16:30	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	7d
Sample ID:	09-9736-5798	**Code:**	FML101509	**Client:**	Internal Lab
Sample Date:	15 Oct-09 16:10	**Material:**	Copper chloride	**Project:**	
Receive Date:	15 Oct-09 16:10	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Alkalinity (CaCO3)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61.13	60.6	61.65	60	63	0.2588	1.553	2.54%	0
100		8	56	56	56	56	56	0	0	0.0%	0
Overall		16	58.56			56	63				0 (0%)

Conductivity-µmhos

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	350	346.7	353.3	335	359	1.616	9.695	2.77%	0
10		8	342.9	340.4	345.3	334	353	1.21	7.259	2.12%	0
19		8	338.6	330.9	346.3	312	390	3.804	22.82	6.74%	0
38		8	333.5	331.1	335.9	322	340	1.192	7.151	2.14%	0
75		8	341.8	337.4	346.1	322	360	2.119	12.71	3.72%	0
100		8	341.9	337.9	345.8	323	359	1.957	11.74	3.43%	0
Overall		48	341.4			312	390				0 (0%)

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.475	7.253	7.697	5.9	7.9	0.1094	0.6563	8.78%	0
10		8	7.438	7.224	7.651	6	8	0.1054	0.6323	8.5%	0
19		8	7.288	7.081	7.494	6.1	7.8	0.1017	0.6105	8.38%	0
38		8	7.45	7.234	7.666	6	8	0.1062	0.637	8.55%	0
75		8	7.413	7.211	7.614	6.1	8	0.09938	0.5963	8.04%	0
100		8	7.35	7.153	7.547	6.1	7.8	0.09718	0.5831	7.93%	0
Overall		48	7.402			5.9	8				0 (0%)

Hardness (CaCO3)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	89.25	86.8	91.7	84	98	1.208	7.246	8.12%	0
100		8	107	107	107	107	107	0	0	0.0%	0
Overall		16	98.13			84	107				0 (0%)

pH-Units

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.925	7.895	7.955	7.8	8.1	0.01477	0.08864	1.12%	0
10		8	8.013	7.937	8.088	7.9	8.5	0.0372	0.2232	2.79%	0
19		8	8.013	7.941	8.084	7.9	8.5	0.035	0.21	2.62%	0
38		8	8	7.969	8.031	7.9	8.1	0.01543	0.09258	1.16%	0
75		8	7.975	7.94	8.01	7.9	8.2	0.01725	0.1035	1.3%	0
100		8	7.975	7.94	8.01	7.9	8.2	0.01725	0.1035	1.3%	0
Overall		48	7.983			7.8	8.5				0 (0%)

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Temperature-°C

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.75	24.65	24.85	24.3	25.1	0.04714	0.2829	1.14%	0
10		8	24.65	24.53	24.77	24.3	25.1	0.05976	0.3586	1.46%	0
19		8	24.65	24.54	24.76	24.3	25.1	0.05492	0.3295	1.34%	0
38		8	24.24	24.12	24.36	24	24.9	0.05905	0.3543	1.46%	0
75		8	24.64	24.52	24.76	24.2	25.1	0.05838	0.3503	1.42%	0
100		8	24.64	24.52	24.76	24.2	25.1	0.05838	0.3503	1.42%	0
Overall		48	24.59			24	25.1				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	63	63	63	60	60	60	60	60
100		56	56	56	56	56	56	56	56

Conductivity-µmhos

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	354	356	355	359	335	357	335	349
10		353	336	345	348	348	334	334	345
19		337	335	390	312	345	327	330	333
38		337	335	340	340	340	327	327	322
75		336	336	340	340	340	360	360	322
100		337	337	340	341	340	358	359	323

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	5.9	7.6	7.8	7.9	7.5	7.5	7.7	7.9
10		6	7.8	7.8	7.8	7.4	7.4	7.3	8
19		6.1	7.8	7.8	7.8	6.7	7.4	7.5	7.2
38		6	7.8	7.8	7.8	7.5	7.5	7.2	8
75		6.1	7.8	7.7	7.7	7.5	7.4	7.1	8
100		6.1	7.8	7.8	7.8	7.5	7.6	7.1	7.1

Hardness (CaCO3)-mg/L

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	98	98	98	84	84	84	84	84
100		107	107	107	107	107	107	107	107

pH-Units

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.1	7.9	7.9	7.9	7.9	8	7.8	7.9
10		8.2	7.9	7.9	7.9	7.9	7.9	7.9	8.5
19		8.1	7.9	7.9	7.9	7.9	7.9	8	8.5
38		8.1	7.9	7.9	7.9	8	8	8.1	8.1
75		8	7.9	7.9	7.9	7.9	8	8	8.2
100		8	7.9	7.9	7.9	7.9	8	8	8.2

Temperature-°C

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.8	25	24.9	24.5	24.9	24.5	24.3	25.1
10		24.6	25.1	24.3	24.4	25	24.4	24.3	25.1
19		24.6	25	24.3	24.4	25	24.4	24.4	25.1
38		24.6	24.9	24.4	24	24	24	24	24
75		24.6	24.9	24.4	24.4	25.1	24.4	24.2	25.1
100		24.6	24.9	24.4	24.4	25.1	24.4	24.2	25.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SELENASTRUM GROWTH BIOASSAY

DATE: 1 October- 09

STANDARD TOXICANT: Cadmium Chloride

NOEC = 20.00 ug/l

IC25 = 45.17 ug/l
IC50 = 67.86 ug/l

Yours very truly,

for: Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Summary Report

Test Code: 16-5260-5177/SEL100109

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	06-8395-3416	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	01 Oct-09 15:30	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	05 Oct-09 13:30	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	19-5691-0774	**Code:**	SEL100109	**Client:**	Internal Lab
Sample Date:	01 Oct-09 15:30	**Material:**	Cadmium chloride	**Project:**	
Receive Date:	01 Oct-09 15:30	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
02-4255-5323	Cell Density	20	40	28.28	8.06%		Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
20-4256-2987	Cell Density	IC5	20.99	12.4	27.34		Linear Interpolation (ICPIN)
		IC10	27.63	20.76	33.97		
		IC15	34.28	27.38	43.41		
		IC20	40.63	33.26	46.11		
		IC25	45.17	39.42	50.07		
		IC40	58.79	54.53	62.32		
		IC50	67.86	64.27	71.11		

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
02-4255-5323	Cell Density	Control CV	0.03615	NL - 0.2	Yes	Result Within Limits
20-4256-2987	Cell Density	Control CV	0.03615	NL - 0.2	Yes	Result Within Limits
02-4255-5323	Cell Density	Control Resp	1.07E+6	1.00E+6 - NL	Yes	Result Within Limits
20-4256-2987	Cell Density	Control Resp	1.07E+6	1.00E+6 - NL	Yes	Result Within Limits
02-4255-5323	Cell Density	PMSD	0.0806	0.091 - 0.29	Yes	Result Below Limit

Cell Density Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.066E+6	1.052E+6	1.080E+6	1.033E+6	1.118E+6	7.035E+3	3.853E+4	3.62%	0.0%
5		4	1.158E+6	1.132E+6	1.185E+6	1.094E+6	1.258E+6	1.305E+4	7.146E+4	6.17%	-8.65%
10		4	1.129E+6	1.104E+6	1.154E+6	1.069E+6	1.199E+6	1.213E+4	6.644E+4	5.88%	-5.93%
20		4	1.070E+6	1.058E+6	1.082E+6	1.043E+6	1.116E+6	5.788E+3	3.170E+4	2.96%	-0.4%
40		4	9.020E+5	8.829E+5	9.211E+5	8.500E+5	9.720E+5	9.319E+3	5.104E+4	5.66%	15.38%
80		4	4.095E+5	3.998E+5	4.192E+5	3.760E+5	4.300E+5	4.736E+3	2.594E+4	6.34%	61.59%

Cell Density Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.072E+6	1.118E+6	1.041E+6	1.033E+6
5		1.094E+6	1.258E+6	1.123E+6	1.158E+6
10		1.173E+6	1.199E+6	1.076E+6	1.069E+6
20		1.059E+6	1.063E+6	1.116E+6	1.043E+6
40		8.500E+5	8.880E+5	9.720E+5	8.980E+5
80		4.300E+5	4.020E+5	4.300E+5	3.760E+5

CETIS Measurement Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	06-8395-3416	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	01 Oct-09 15:30	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	05 Oct-09 13:30	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	19-5691-0774	**Code:**	SEL100109	**Client:**	Internal Lab
Sample Date:	01 Oct-09 15:30	**Material:**	Cadmium chloride	**Project:**	
Receive Date:	01 Oct-09 15:30	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Alkalinity (CaCO3)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	60			60	60	0	0	0.0%	0
5		1	62			62	62	0	0	0.0%	0
10		1	58			58	58	0	0	0.0%	0
20		1	51			51	51	0	0	0.0%	0
40		1	52			52	52	0	0	0.0%	0
80		1	50			50	50	0	0	0.0%	0
Overall		6	55.5			50	62				0 (0%)

Conductivity-µmhos

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	441	435.7	446.3	428	466	2.603	15.62	3.54%	0
5		5	478.4	470.7	486.1	450	514	3.816	22.9	4.79%	0
10		5	436	433.4	438.6	428	445	1.275	7.649	1.75%	0
20		5	429	426.7	431.3	422	437	1.137	6.819	1.59%	0
40		5	422.2	420.1	424.3	414	428	1.05	6.301	1.49%	0
80		5	406	404.1	407.9	401	415	0.928	5.568	1.37%	0
Overall		30	435.4			401	514				0 (0%)

Hardness (CaCO3)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	98			98	98	0	0	0.0%	0
5		1	115			115	115	0	0	0.0%	0
10		1	135			135	135	0	0	0.0%	0
20		1	124			124	124	0	0	0.0%	0
40		1	113			113	113	0	0	0.0%	0
80		1	110			110	110	0	0	0.0%	0
Overall		6	115.8			98	135				0 (0%)

pH-Units

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	7.96	7.909	8.011	7.7	8.1	0.02528	0.1517	1.91%	0
5		5	8.1	8.028	8.172	7.8	8.3	0.03535	0.2121	2.62%	0
10		5	8.08	8.015	8.145	7.8	8.3	0.03206	0.1924	2.38%	0
20		5	8.08	8.03	8.13	7.9	8.3	0.02472	0.1483	1.84%	0
40		5	8.08	8.03	8.13	7.9	8.3	0.02472	0.1483	1.84%	0
80		5	8.06	8.009	8.111	7.9	8.3	0.02528	0.1517	1.88%	0
Overall		30	8.06			7.7	8.3				0 (0%)

Temperature-°C

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	25.5	25.39	25.61	25.1	25.8	0.05528	0.3317	1.3%	0
5		5	25.48	25.36	25.6	25.1	25.8	0.05939	0.3564	1.4%	0
10		5	25.48	25.36	25.6	25.1	25.8	0.05939	0.3564	1.4%	0
20		5	25.5	25.39	25.61	25.1	25.8	0.05528	0.3317	1.3%	0
40		5	25.5	25.39	25.61	25.1	25.8	0.05528	0.3317	1.3%	0
80		5	25.5	25.39	25.61	25.1	25.8	0.05528	0.3317	1.3%	0
Overall		30	25.49			25.1	25.8				0 (0%)

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Alkalinity (CaCO3)-mg/L

Conc-µg/L	Control Type	1
0	Negative Contr	60
5		62
10		58
20		51
40		52
80		50

Conductivity-µmhos

Conc-µg/L	Control Type	1	2	3	4	5
0	Negative Contr	435	430	428	446	466
5		450	474	477	477	514
10		440	428	439	445	428
20		437	423	428	435	422
40		427	417	425	428	414
80		407	402	405	415	401

Hardness (CaCO3)-mg/L

Conc-µg/L	Control Type	1
0	Negative Contr	98
5		115
10		135
20		124
40		113
80		110

pH-Units

Conc-µg/L	Control Type	1	2	3	4	5
0	Negative Contr	7.7	8	8	8	8.1
5		7.8	8.3	8.1	8	8.3
10		7.8	8.2	8.1	8	8.3
20		7.9	8.1	8.1	8	8.3
40		7.9	8.1	8.1	8	8.3
80		7.9	8	8.1	8	8.3

Temperature-°C

Conc-µg/L	Control Type	1	2	3	4	5
0	Negative Contr	25.8	25.8	25.1	25.2	25.6
5		25.8	25.8	25.1	25.1	25.6
10		25.8	25.8	25.1	25.1	25.6
20		25.8	25.8	25.1	25.2	25.6
40		25.8	25.8	25.1	25.2	25.6
80		25.8	25.8	25.1	25.2	25.6

AQUATIC
BIOASSAY &
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LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC KELP GERMINATION & GROWTH BIOASSAY

DATE: 14 October - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: GERMINATION

NOEC = 5.6 ug/l

IC25 = 203.91 ug/l
IC50 = 242.61 ug/l

ENDPOINT: GROWTH-LENGTH

NOEC = 180.00 ug/l

IC25 = 211.80 ug/l
IC50 = 247.90 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Summary Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	01-6144-2367	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	14 Oct-09 13:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Oct-09 13:00	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	21-1758-8507	**Code:**	KLP101409	**Client:**	Internal Lab
Sample Date:	14 Oct-09 13:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	14 Oct-09 13:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
19-7963-2060	Germination Rate	5.6	18	10.04	1.91%		Dunnett's Multiple Comparison Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
11-2772-9114	Germination Rate	EC5	41.66	18.46	65.59		Linear Interpolation (ICPIN)
		EC10	180.7	44.82	184.6		
		EC15	188.4	184.1	192.1		
		EC20	196.2	192.1	199.6		
		EC25	203.9	200.1	207.2		
		EC40	227.1	224.1	229.7		
		EC50	242.6	240.1	244.8		
00-6589-0542	Mean Length	IC5	182.9	165.6	186.4		Linear Interpolation (ICPIN)
		IC10	190.1	185.4	193.4		
		IC15	197.4	192.8	200.5		
		IC20	204.6	200.3	207.5		
		IC25	211.8	207.8	214.5		
		IC40	233.4	230.2	235.6		
		IC50	247.9	245.2	249.7		

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
11-2772-9114	Germination Rate	Control Resp	0.942	0.7 - NL	Yes	Result Within Limits
19-7963-2060	Germination Rate	Control Resp	0.942	0.7 - NL	Yes	Result Within Limits
00-6589-0542	Mean Length	Control Resp	16.38	10 - NL	Yes	Result Within Limits
19-7963-2060	Germination Rate	PMSD	0.01907	NL - 0.2	No	Result Within Limits

Germination Rate Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	0.942	0.9365	0.9475	0.92	0.96	0.002708	0.01483	1.58%	0.0%
5.6		5	0.928	0.9231	0.9329	0.91	0.94	0.00238	0.01304	1.41%	1.49%
18		5	0.914	0.9097	0.9183	0.9	0.93	0.002082	0.0114	1.25%	2.97%
32		5	0.902	0.8989	0.9051	0.89	0.91	0.001528	0.008367	0.93%	4.25%
100		5	0.85	0.8447	0.8553	0.84	0.87	0.002582	0.01414	1.66%	9.77%
180		5	0.854	0.845	0.863	0.82	0.88	0.004397	0.02408	2.82%	9.34%
320		5	0	0	0	0	0	0	0		100.0%

Mean Length Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	16.38	16.29	16.47	16	16.6	0.04546	0.249	1.52%	0.0%
5.6		5	16.56	16.27	16.85	15.5	17.4	0.1441	0.7893	4.77%	-1.1%
18		5	16.06	15.83	16.29	15.3	16.7	0.113	0.6189	3.85%	1.95%
32		5	16.36	16.23	16.49	15.8	16.6	0.06137	0.3362	2.06%	0.12%
100		5	16.64	16.4	16.88	16.1	17.4	0.1194	0.6542	3.93%	-1.59%
180		5	15.98	15.88	16.08	15.6	16.3	0.04726	0.2588	1.62%	2.44%
320		5	0	0	0	0	0	0	0		100.0%

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Germination Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.95	0.96	0.94	0.92	0.94
5.6		0.94	0.91	0.92	0.93	0.94
18		0.92	0.91	0.9	0.93	0.91
32		0.91	0.9	0.91	0.89	0.9
100		0.84	0.86	0.84	0.87	0.84
140						
180		0.82	0.87	0.84	0.86	0.88
320		0	0	0	0	0

Mean Length Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	16	16.6	16.4	16.6	16.3
5.6		17.4	16	15.5	16.8	17.1
18		16.4	16.4	15.5	15.3	16.7
32		16.3	15.8	16.5	16.6	16.6
100		16.1	17.3	16.1	16.3	17.4
140						
180		15.6	16.1	16.3	16	15.9
320		0	0	0	0	0

CETIS Measurement Report

Test Code: 00-4410-3047/KLP101409

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	01-6144-2367	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	14 Oct-09 13:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	16 Oct-09 13:00	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	21-1758-8507	**Code:**	KLP101409	**Client:**	Internal Lab
Sample Date:	14 Oct-09 13:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	14 Oct-09 13:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.5	6.261	6.739	6	7	0.1179	0.7071	10.88%	0
5.6		2	6.35	6.135	6.565	5.9	6.8	0.1061	0.6364	10.02%	0
18		2	6.3	6.109	6.491	5.9	6.7	0.09428	0.5657	8.98%	0
32		2	6.25	6.083	6.417	5.9	6.6	0.0825	0.495	7.92%	0
100		2	6.15	5.983	6.317	5.8	6.5	0.0825	0.495	8.05%	0
180		2	6.15	5.983	6.317	5.8	6.5	0.0825	0.495	8.05%	0
320		2	6.2	5.961	6.439	5.7	6.7	0.1179	0.7071	11.4%	0
Overall		14	6.271			5.7	7				0 (0%)

Light Level-Lux

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	667	650.7	683.3	633	701	8.014	48.08	7.21%	0
5.6		2	660	640.4	679.6	619	701	9.664	57.98	8.79%	0
18		2	660	640.4	679.6	619	701	9.664	57.98	8.79%	0
32		2	660	640.4	679.6	619	701	9.664	57.98	8.79%	0
100		2	313.1	166.7	459.4	7.1	619	72.11	432.7	138.2%	0
180		2	660	640.4	679.6	619	701	9.664	57.98	8.79%	0
320		2	660	640.4	679.6	619	701	9.664	57.98	8.79%	0
Overall		14	611.4			7.1	701				0 (0%)

Total Ammonia (N)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	0	0	0	0	0	0	0		0
5.6		2	0	0	0	0	0	0	0		0
18		2	0	0	0	0	0	0	0		0
32		2	0	0	0	0	0	0	0		0
100		2	0	0	0	0	0	0	0		0
180		2	0	0	0	0	0	0	0		0
320		2	0	0	0	0	0	0	0		0
Overall		14	0			0	0				0 (0%)

pH-Units

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	8	8	8	8	8	0	0	0.0%	0
5.6		2	8.05	8.026	8.074	8	8.1	0.01179	0.07073	0.88%	0
18		2	8	8	8	8	8	0	0	0.0%	0
32		2	8	8	8	8	8	0	0	0.0%	0
100		2	8	8	8	8	8	0	0	0.0%	0
180		2	8	8	8	8	8	0	0	0.0%	0
320		2	8	8	8	8	8	0	0	0.0%	0
Overall		14	8.007			8	8.1				0 (0%)

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Salinity-ppt

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
5.6		2	34	34	34	34	34	0	0	0.0%	0
18		2	34	34	34	34	34	0	0	0.0%	0
32		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
180		2	34	34	34	34	34	0	0	0.0%	0
320		2	34	34	34	34	34	0	0	0.0%	0
Overall		14	34			34	34				0 (0%)

Temperature-°C

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
5.6		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
18		2	15.3	15.25	15.35	15.2	15.4	0.02357	0.1414	0.92%	0
32		2	15.35	15.33	15.37	15.3	15.4	0.01179	0.07075	0.46%	0
100		2	15.35	15.33	15.37	15.3	15.4	0.01179	0.07075	0.46%	0
180		2	15.35	15.33	15.37	15.3	15.4	0.01179	0.07075	0.46%	0
320		2	15.35	15.33	15.37	15.3	15.4	0.01179	0.07075	0.46%	0
Overall		14	15.33			15.2	15.4				0 (0%)

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	1	2
0	Negative Contr	7	6
5.6		6.8	5.9
18		6.7	5.9
32		6.6	5.9
100		6.5	5.8
140			
180		6.5	5.8
320		6.7	5.7

Light Level-Lux

Conc-µg/L	Control Type	1	2
0	Negative Contr	701	633
5.6		701	619
18		701	619
32		701	619
100		7.1	619
140			
180		701	619
320		701	619

Total Ammonia (N)-mg/L

Conc-µg/L	Control Type	1	2
0	Negative Contr	0	0
5.6		0	0
18		0	0
32		0	0
100		0	0
140			
180		0	0
320		0	0

pH-Units

Conc-µg/L	Control Type	1	2
0	Negative Contr	8	8
5.6		8.1	8
18		8	8
32		8	8
100		8	8
140			
180		8	8
320		8	8

Salinity-ppt

Conc-µg/L	Control Type	1	2
0	Negative Contr	34	34
5.6		34	34
18		34	34
32		34	34
100		34	34
140			
180		34	34
320		34	34

Macrocystis Germination and Germ Tube Growth Test **Aquatic Bioassay & Consulting Labs, Inc.**

Temperature-°C

Conc-µg/L	Control Type	1	2
0	Negative Contr	15.2	15.4
5.6		15.2	15.4
18		15.2	15.4
32		15.3	15.4
100		15.3	15.4
140			
180		15.3	15.4
320		15.3	15.4

AQUATIC
BIOASSAY &
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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

DATE: 15 October - 09

STANDARD TOXICANT: Copper Chloride

NOEC = 32.00 ug/l

IC25 = 43.32 ug/l
IC50 = 54.64 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Summary Report

Test Code: 10-0330-6294/URCF101509

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	08-6502-2240	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	15 Oct-09 16:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Oct-09 17:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	07-2052-9382	**Code:**	URCF101509	**Client:**	Internal Lab
Sample Date:	15 Oct-09 16:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	15 Oct-09 17:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Comparison Summary

Analysis ID	Endpoint	NOEL	LOEL	TOEL	PMSD	TU	Method
18-6321-9631	Fertilization Rate	32	56	42.33	5.08%		Steel Many-One Rank Test

Point Estimate Summary

Analysis ID	Endpoint	Level	µg/L	95% LCL	95% UCL	TU	Method
08-0588-5654	Fertilization Rate	EC5	34.26	34.07	34.48		Linear Interpolation (ICPIN)
		EC10	36.53	36.14	36.96		
		EC15	38.79	38.21	39.44		
		EC20	41.06	40.28	41.93		
		EC25	43.32	42.35	44.41		
		EC40	50.11	48.56	51.85		
		EC50	54.64	52.7	56.82		

Test Acceptability

Analysis ID	Endpoint	Attribute	Test Stat	TAC Limits	Overlap	Decision
08-0588-5654	Fertilization Rate	Control Resp	1	0.7 - NL	Yes	Result Within Limits
18-6321-9631	Fertilization Rate	Control Resp	1	0.7 - NL	Yes	Result Within Limits
18-6321-9631	Fertilization Rate	PMSD	0.05075	NL - 0.25	No	Result Within Limits

Fertilization Rate Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1	1	1	1	1	0	0	0.0%	0.0%
18		4	1	1	1	1	1	0	0	0.0%	0.0%
32		4	1	1	1	1	1	0	0	0.0%	0.0%
56		4	0.47	0.4567	0.4833	0.44	0.51	0.006498	0.03559	7.57%	53.0%
100		4	0.245	0.1861	0.3039	0.02	0.38	0.02881	0.1578	64.41%	75.5%
180		4	0	0	0	0	0	0	0		100.0%

Fertilization Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
18		1	1	1	1
32		1	1	1	1
56		0.51	0.49	0.44	0.44
100		0.26	0.38	0.32	0.02
180		0	0	0	0

Analyst: QA: pass

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	08-6502-2240	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	15 Oct-09 16:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Oct-09 17:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	07-2052-9382	**Code:**	URCF101509	**Client:**	Internal Lab
Sample Date:	15 Oct-09 16:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	15 Oct-09 17:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Parameter Acceptability

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	15.3	15.6	11 - 13	Yes	Results Above Limit

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.2	5.865	6.535	5.5	6.9	0.165	0.9899	15.97%	0
18		2	6.05	5.835	6.265	5.6	6.5	0.1061	0.6364	10.52%	0
32		2	6.05	5.787	6.313	5.5	6.6	0.1296	0.7778	12.86%	0
56		2	6.05	5.835	6.265	5.6	6.5	0.1061	0.6364	10.52%	0
100		2	6.1	5.861	6.339	5.6	6.6	0.1179	0.7071	11.59%	0
180		2	6	5.761	6.239	5.5	6.5	0.1179	0.7071	11.79%	0
Overall		12	6.075			5.5	6.9				0 (0%)

Total Ammonia (N)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	0	0	0	0	0	0	0		0
18		2	0	0	0	0	0	0	0		0
32		2	0	0	0	0	0	0	0		0
56		2	0	0	0	0	0	0	0		0
100		2	0	0	0	0	0	0	0		0
180		2	0	0	0	0	0	0	0		0
Overall		12	0			0	0				0 (0%)

pH-Units

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
18		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
32		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
56		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
100		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
180		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
Overall		12	7.917			7.9	8				0 (0%)

Salinity-ppt

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
18		2	34	34	34	34	34	0	0	0.0%	0
32		2	34	34	34	34	34	0	0	0.0%	0
56		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
180		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Temperature-°C

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15.4	15.35	15.45	15.3	15.5	0.02357	0.1414	0.92%	0
18		2	15.4	15.35	15.45	15.3	15.5	0.02357	0.1414	0.92%	0
32		2	15.45	15.38	15.52	15.3	15.6	0.03536	0.2122	1.37%	0
56		2	15.45	15.38	15.52	15.3	15.6	0.03536	0.2122	1.37%	0
100		2	15.5	15.45	15.55	15.4	15.6	0.02357	0.1414	0.91%	0
180		2	15.5	15.45	15.55	15.4	15.6	0.02357	0.1414	0.91%	0
Overall		12	15.45			15.3	15.6				0 (0%)

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	1	2
0	Negative Contr	6.9	5.5
18		6.5	5.6
32		6.6	5.5
56		6.5	5.6
100		6.6	5.6
180		6.5	5.5

Total Ammonia (N)-mg/L

Conc-µg/L	Control Type	1	2
0	Negative Contr	0	0
18		0	0
32		0	0
56		0	0
100		0	0
180		0	0

pH-Units

Conc-µg/L	Control Type	1	2
0	Negative Contr	8	7.9
18		8	7.9
32		7.9	7.9
56		7.9	7.9
100		7.9	7.9
180		7.9	7.9

Salinity-ppt

Conc-µg/L	Control Type	1	2
0	Negative Contr	34	34
18		34	34
32		34	34
56		34	34
100		34	34
180		34	34

Temperature-°C

Conc-µg/L	Control Type	1	2
0	Negative Contr	15.5	15.3
18		15.5	15.3
32		15.6	15.3
56		15.6	15.3
100		15.6	15.4
180		15.6	15.4

AQUATIC BIOASSAY & CONSULTING
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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

BILL TO:

Ventura County Public Works Agency
Engineering Services Division
Attn: Victoria Escoto
800 South Victoria Ave, L#1670
Ventura, CA 93003-1670

ABCL Invoice No.: VCF1091.163
Event No.: 1
Invoice Date: 10/30/2009
Invoice Due Date: 11/30/2009
Report Due Date: 11/3/2009
Tax Payer I.D. No.: 77-0192238
AE No. 10-20
Project No. P6010504

Itemized Billing:

ABCL Lab Number	VCWSPD Sample ID	Analysis	Unit Cost	Sample Quantity	Total Cost
VCF1009.145-147	ME-CC, ME-SCR, ME-VR2	Chronic Kelp	$ 820.00	3	$ 2,460.00
VCF1009.145-147	ME-CC, ME-SCR, ME-VR2	Chronic Urchin	$ 720.00	3	$ 2,160.00
VCF1009.148-151	Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1	Fathead Minnow	$ 900.00	4	$ 3,600.00
VCF1009.148-151	Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1	Daphnid	$ 950.00	4	$ 3,800.00
VCF1009.148-151	Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1	Green Algae	$ 585.00	4	$ 2,340.00

INVOICE TOTAL **$ 14,360.00**

Please send check to:

Aquatic Bioassay
29 North Olive Street
Ventura, Ca. 93001

Chain of Custody Record

Ventura County Watershed Protection District

NPDES Stormwater Monitoring Program

Toxicity - ABC Laboratories

Sampling Date: 12/7/09 Sample Event: #2 (WET)

Sampling Team: T. LIDDELL, W.B. CAREY, K. HAHS

SAMPLE ID	DATE/TIME COLLECTED	Chronic toxicity - topsmelt (*Atherinops affinis*)	Chronic toxicity - inland silverside (*Menidia beryllina*)	Chronic toxicity - giant kelp (*Macrocystis pyrifera*)	Chronic toxicity - purple sea urchin (*Strongylocentrotus purpuratus*)	Chronic toxicity - fathead minnow (*Pimephales promelas*)	Chronic toxicity - daphnid (*Ceriodaphnia dubia*)	Chronic toxicity - green alga (*Raphidocelis subcapitata*)	Number of 5-Gallon Buckets	NOTES
ME-CC	12/7/09 12:00	X	X	X	X				2	Note 1, Note 2
ME-SCR	16:30	X	X	X	X				2	Note 1, Note 2
ME-VR2	15:15	X	X	X	X				2	Note 1, Note 2
MO-Cam-1	12:30					X	X	X	2	Note 1, Note 2
MO-Ojai-1	13:45					X	X	X	2	Note 1, Note 2
MO-MOaks-1	14:15					X	X	X	2	Note 1, Note 2
MO-Ven-1	16:00					X	X	X	2	Note 1, Note 2

Relinquished

Printed Name: TOMMY LIDDELL

Signature: [signature]

Affiliation: VCWPD Date/Time: 12/7/09 18:30

Received

Printed Name: Michael Mackzook

Signature: [signature]

Affiliation: ABCL Date/Time: 12/7/09

Other Notes:

Note 1: Dilutions - 6.25%, 12.5%, 25%, 50%, 100%

Note 2: Please execute TIE if mortality > 50%

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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arnie Anselm
Ventura County Watershed Protection District
800 South Victoria Avenue
Ventura, CA 93009

Dear Mr. Anselm:

We received a sample from your staff in our laboratory on December 7, 2009, identified as MO-Ven-1. We conducted an initial acute toxicity test on this sample with the the water flea, *Ceriodaphnia dubia,* as directed in your NPDES permit.

The initial results on this sample exceeded 50% mortality in 100% sample. This result exceeded the limit set forth on the chain of custody and triggered a TIE study. The initial component of the TIE process is to conduct a "baseline" test to determine the final TIE test dilutions. The "baseline" test was conducted and toxicity was reduced, TUa <1.00. Therefore, there was no purpose to continue with further TIE manipulations.

In conclusion, the fact that toxicity was observed in the initial chronic tests and reduced toxicity was observed during the "baseline" tests indicate that the toxicant was most likely associated with volatile compound(s). The compound(s) apparently dissipated to non-toxic levels between the time of the initiation of the initial chronic toxicity tests and the initation of the "baseline" toxicity testing.

There will be no charges associated with the TIE investigation for this sample and no TIE report will be issued. The attached report are the results of the baseline test.

Please feel free to phone me at your convenience if you have any questions.

Sincerely,

Michael J. Machuzak
Assistant Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arnie Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, EPA-821-R-02-012.* Results were as follows:

CLIENT:	Ventura County Watershed Protection District
SAMPLE I.D.:	MO-Ven-1 TIE Baseline
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.075

ACUTE CERIODAPHNIA SURVIVAL BIOASSAY

Survival	=	100.00 % Survival in 100% Sample
TU (a)	=	<1.00
LC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Test Code: 04-9168-1791/VCF1209075ac

Ceriodaphnia 96-h Acute Survival Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	10-8723-2215	**Endpoint:**	96h Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:54	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	04-2464-6223	**Test Type:**	Survival (96h)	**Analyst:**	
Start Date:	15 Dec-09 15:45	**Protocol:**	EPA/821/R-02-012 (2002)	**Diluent:**	Laboratory Water
Ending Date:	19 Dec-09 15:45	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	96h	**Source:**	In-House Culture	**Age:**	<24H
Sample ID:	07-5783-7163	**Code:**	VCF1209075ac	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	8d (3.3 °C)	**Station:**	MO-Ven-1		

Batch Note: Baseline Toxicity for TIE

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	5.0%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		43	18	10	1	0.7500	Non-Significant Effect
		86	18	10	1	0.7500	Non-Significant Effect
		100	18	10	1	0.7500	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.9 - NL	Yes	Result Within Limits

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0	0	3	65540	<0.0001	Significant Effect
Error	0	0	12			
Total	0	0	15			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	65540	5.953	<0.0001	Unequal Variances

96h Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1	1	1	1	1	0	0	0.0%	0.0%
43		4	1	1	1	1	1	0	0	0.0%	0.0%
86		4	1	1	1	1	1	0	0	0.0%	0.0%
100		4	1	1	1	1	1	0	0	0.0%	0.0%

Angular (Corrected) Transformed Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.345	1.345	1.345	1.345	1.345	0	0	0.0%	0.0%
43		4	1.345	1.345	1.345	1.345	1.345	0	0	0.0%	0.0%
86		4	1.345	1.345	1.345	1.345	1.345	0	0	0.0%	0.0%
100		4	1.345	1.345	1.345	1.345	1.345	0	0	0.0%	0.0%

Analyst: _____ QA: _____

CETIS Analytical Report

Test Code: 04-9168-1791/VCF1209075ac

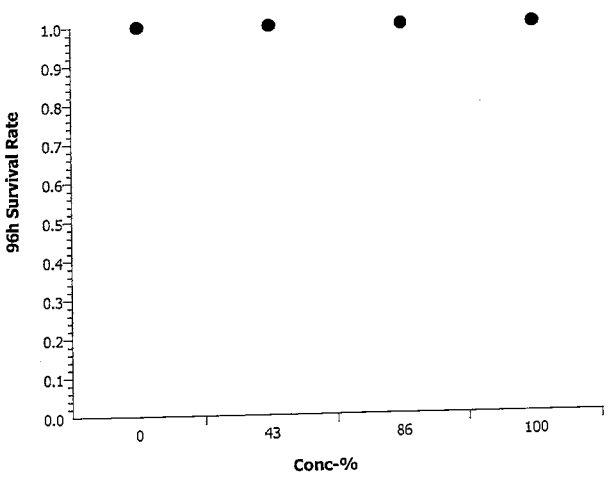
Ceriodaphnia 96-h Acute Survival Test — Aquatic Bioassay & Consulting Labs, Inc.

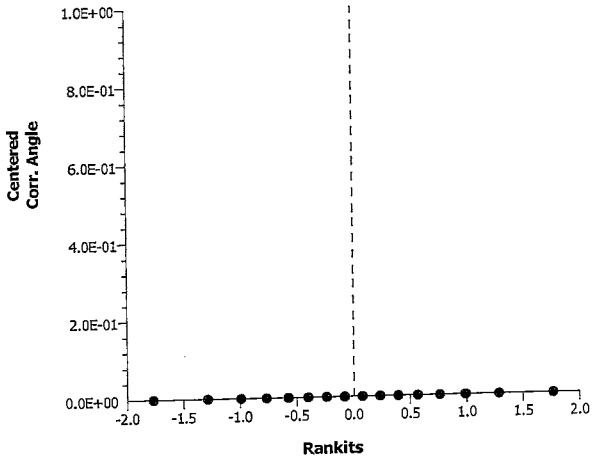
Analysis ID:	10-8723-2215	**Endpoint:**	96h Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:54	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes

96h Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
43		1	1	1	1
86		1	1	1	1
100		1	1	1	1

Graphics





CETIS Analytical Report

Ceriodaphnia 96-h Acute Survival Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	15-4752-2819	**Endpoint:**	96h Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:54	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	04-2464-6223	**Test Type:**	Survival (96h)	**Analyst:**	
Start Date:	15 Dec-09 15:45	**Protocol:**	EPA/821/R-02-012 (2002)	**Diluent:**	Laboratory Water
Ending Date:	19 Dec-09 15:45	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	96h	**Source:**	In-House Culture	**Age:**	<24H
Sample ID:	07-5783-7163	**Code:**	VCF1209075ac	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	8d (3.3 °C)	**Station:**	MO-Ven-1		

Batch Note: Baseline Toxicity for TIE

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	2637929	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.9 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

96h Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	1	1	1	0	0	0.0%	0.0%	20	20
43		4	1	1	1	0	0	0.0%	0.0%	20	20
86		4	1	1	1	0	0	0.0%	0.0%	20	20
100		4	1	1	1	0	0	0.0%	0.0%	20	20

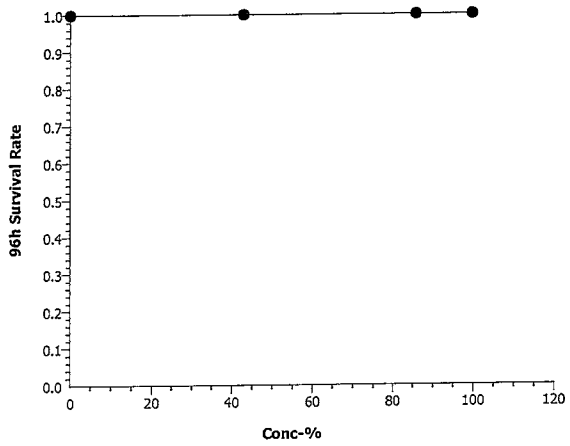
96h Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
43		1	1	1	1
86		1	1	1	1
100		1	1	1	1

Ceriodaphnia 96-h Acute Survival Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	15-4752-2819	**Endpoint:**	96h Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:54	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Ceriodaphnia 96-h Acute Survival Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	04-2464-6223	**Test Type:**	Survival (96h)	**Analyst:**	
Start Date:	15 Dec-09 15:45	**Protocol:**	EPA/821/R-02-012 (2002)	**Diluent:**	Laboratory Water
Ending Date:	19 Dec-09 15:45	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	96h	**Source:**	In-House Culture	**Age:**	<24H
Sample ID:	07-5783-7163	**Code:**	VCF1209075ac	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	8d (3.3 °C)	**Station:**	MO-Ven-1		

Batch Note: Baseline Toxicity for TIE

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	3	341.3	331.9	350.7	318	372	4.623	27.74	8.13%	0
43		3	283.7	282.9	284.4	281	285	0.3849	2.309	0.81%	0
86		3	252.7	234.9	270.5	192	285	8.763	52.58	20.81%	0
100		3	158.3	157.1	159.5	155	162	0.5853	3.512	2.22%	0
Overall		12	259			155	372				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	6.42	5.921	6.919	4	7.7	0.2459	1.475	22.98%	0
43		5	6.28	6.004	6.556	5.2	6.9	0.1361	0.8167	13.0%	0
86		5	6.48	6.213	6.747	5.1	7.1	0.1314	0.7887	12.17%	0
100		5	6.24	6.027	6.453	5.2	6.7	0.1051	0.6309	10.11%	0
Overall		20	6.355			4	7.7				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	8.02	7.992	8.048	7.9	8.1	0.01394	0.08367	1.04%	0
43		5	7.86	7.782	7.938	7.6	8.1	0.03837	0.2302	2.93%	0
86		5	7.9	7.79	8.01	7.6	8.3	0.05401	0.324	4.1%	0
100		5	7.8	7.671	7.929	7.4	8.2	0.06346	0.3808	4.88%	0
Overall		20	7.895			7.4	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	24.38	24.29	24.47	24.1	24.6	0.04314	0.2588	1.06%	0
43		5	24.26	24.18	24.34	24.1	24.6	0.03837	0.2302	0.95%	0
86		5	24.24	24.17	24.31	24.1	24.6	0.03455	0.2073	0.86%	0
100		5	24.2	24.12	24.28	24	24.6	0.03908	0.2345	0.97%	0
Overall		20	24.27			24	24.6				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr					
100						

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	334	372	318		
43		285	281	285		
86		192	281	285		
100		155	158	162		

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	7	7.7	4	7.3	6.1
43		6.9	6.8	6.9	5.6	5.2
86		6.8	6.7	7.1	6.7	5.1
100		6.7	6.7	6.5	5.2	6.1

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr					
100						

pH-Units

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	8	7.9	8	8.1	8.1
43		8.1	8.1	7.7	7.6	7.8
86		8.3	8.2	7.7	7.6	7.7
100		8.2	8.2	7.4	7.5	7.7

Temperature-°C

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	24.5	24.1	24.6	24.6	24.1
43		24.1	24.1	24.4	24.6	24.1
86		24.2	24.1	24.1	24.6	24.2
100		24.1	24.1	24	24.6	24.2

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/R-95/136.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-CC
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.069

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

Germination	NOEC	=	100.00
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
Tube Length	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Test Code: 03-5501-6579/VCF1209069k

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	11-8658-9922	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:43	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	14-2501-5306	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:21	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:21	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	01-5456-5140	**Code:**	VCF1209069k	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-CC		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	6.22%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	-1.57	2.362	0.9326	0.9970	Non-Significant Effect
		12.5	-1.57	2.362	0.9326	0.9970	Non-Significant Effect
		25	-2.988	2.362	0.9326	1.0000	Non-Significant Effect
		50	2.279	2.362	0.9326	0.0589	Non-Significant Effect
		100	-1.418	2.362	0.9326	0.9951	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	15	10 - NL	Yes	Result Within Limits
PMSD	0.06217	NL - 0.2	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.254	2.908	0.5709	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	12.81867	2.563733	5	6.576	0.0006	Significant Effect
Error	9.355999	0.3898333	24			
Total	22.17466	2.953566	29			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	2.479	15.09	0.7796	Equal Variances
Variances	Mod Levene Equality of Variance	0.6296	4.248	0.6796	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9781		0.7723	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1087	0.1853	0.4767	Normal Distribution
Distribution	D'Agostino Skewness	0.4845	2.576	0.6281	Normal Distribution
Distribution	D'Agostino Kurtosis	0.4009	2.576	0.6885	Normal Distribution
Distribution	D'Agostino Omnibus	0.3954	9.21	0.8206	Normal Distribution

Mean Length Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	15	14.75	15.25	14	15.7	0.1196	0.6442	4.3%	0.0%
6.25		5	15.62	15.42	15.82	15	16.3	0.09773	0.5263	3.37%	-4.13%
12.5		5	15.62	15.3	15.94	14.7	16.9	0.1583	0.8526	5.46%	-4.13%
25		5	16.18	15.96	16.4	15.4	16.9	0.1086	0.5848	3.61%	-7.87%
50		5	14.1	13.85	14.35	13.3	15	0.1225	0.6595	4.68%	6.0%
100		5	15.56	15.42	15.7	15.2	16.2	0.07022	0.3782	2.43%	-3.73%

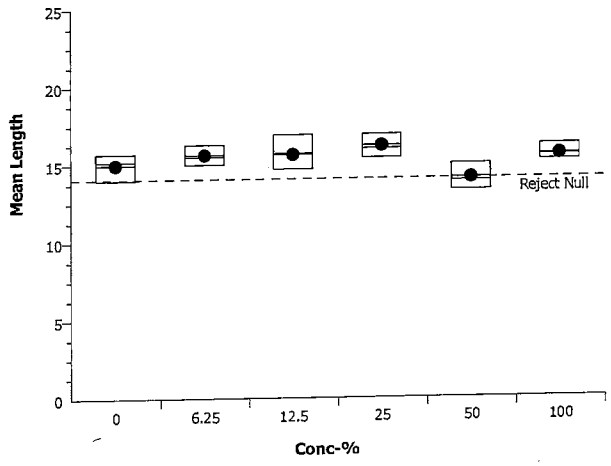
Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

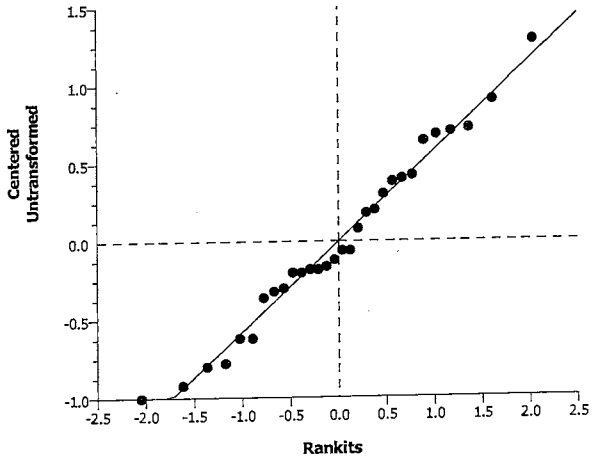
Analysis ID:	11-8658-9922	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:43	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Mean Length Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	15.7	14	15.2	15.3	14.8
6.25		15	15.3	16.3	15.5	16
12.5		14.7	15	15.7	15.8	16.9
25		16	16.9	15.4	16.6	16
50		13.9	13.8	15	14.5	13.3
100		15.5	16.2	15.5	15.4	15.2

Graphics





CETIS Analytical Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	08-2681-6001	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:42	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	14-2501-5306	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:21	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:21	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	01-5456-5140	**Code:**	VCF1209069k	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-CC		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	3.55%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	0.7364	2.362	0.05198	0.5402	Non-Significant Effect
		12.5	0.7308	2.362	0.05198	0.5428	Non-Significant Effect
		25	1.829	2.362	0.05198	0.1337	Non-Significant Effect
		50	2.136	2.362	0.05198	0.0775	Non-Significant Effect
		100	1.042	2.362	0.05198	0.4014	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.906	0.7 - NL	Yes	Result Within Limits
PMSD	0.03554	NL - 0.2	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.257	2.908	0.5654	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.007469168	0.001493834	5	1.234	0.3243	Non-Significant Effect
Error	0.02906453	0.001211022	24			
Total	0.0365337	0.002704856	29			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	3.721	15.09	0.5902	Equal Variances
Variances	Mod Levene Equality of Variance	0.5498	4.248	0.7365	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9622		0.3526	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1323	0.1853	0.1936	Normal Distribution
Distribution	D'Agostino Skewness	0.7813	2.576	0.4346	Normal Distribution
Distribution	D'Agostino Kurtosis	0.1158	2.576	0.9078	Normal Distribution
Distribution	D'Agostino Omnibus	0.6239	9.21	0.7320	Normal Distribution

CETIS Analytical Report

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 08-2681-6001 **Endpoint:** Germination Rate **CETIS Version:** CETISv1.7.0
Analyzed: 11 Jan-10 13:42 **Analysis:** Parametric-Control vs Treatments **Official Results:** Yes

Germination Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	0.906	0.9017	0.9103	0.89	0.92	0.002117	0.0114	1.26%	0.0%
6.25		5	0.896	0.8891	0.9029	0.88	0.92	0.003373	0.01817	2.03%	1.1%
12.5		5	0.896	0.8881	0.9039	0.86	0.91	0.003851	0.02074	2.31%	1.1%
25		5	0.88	0.868	0.892	0.84	0.92	0.005872	0.03162	3.59%	2.87%
50		5	0.876	0.8661	0.8859	0.86	0.92	0.004842	0.02608	2.98%	3.31%
100		5	0.892	0.8857	0.8983	0.88	0.91	0.003051	0.01643	1.84%	1.55%

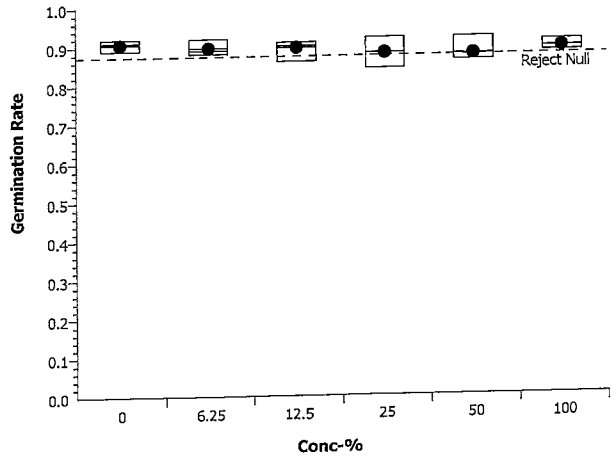
Angular (Corrected) Transformed Summary

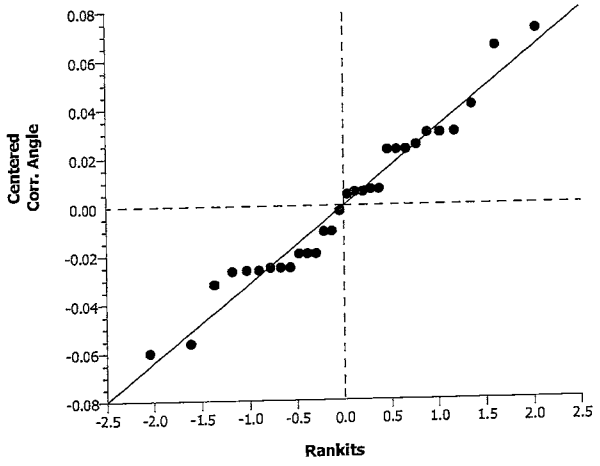
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	5	1.26	1.252	1.267	1.233	1.284	0.003614	0.01946	1.55%	0.0%
6.25		5	1.243	1.232	1.255	1.217	1.284	0.005624	0.03029	2.44%	1.29%
12.5		5	1.244	1.231	1.256	1.187	1.266	0.006047	0.03256	2.62%	1.28%
25		5	1.219	1.201	1.238	1.159	1.284	0.009148	0.04926	4.04%	3.2%
50		5	1.213	1.197	1.229	1.187	1.284	0.007792	0.04196	3.46%	3.73%
100		5	1.237	1.226	1.247	1.217	1.266	0.004989	0.02686	2.17%	1.82%

Germination Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.91	0.92	0.89	0.91	0.9
6.25		0.91	0.88	0.92	0.88	0.89
12.5		0.9	0.9	0.91	0.86	0.91
25		0.92	0.86	0.84	0.88	0.9
50		0.86	0.88	0.86	0.92	0.86
100		0.88	0.88	0.91	0.91	0.88

Graphics





CETIS Analytical Report

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	09-7688-6251	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:42	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	14-2501-5306	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:21	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:21	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	01-5456-5140	**Code:**	VCF1209069k	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-CC		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	2981654	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	15	10 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.254	2.908	0.5709	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	N/A	N/A
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Length Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	15	14	15.7	0.1176	0.6442	4.3%	0.0%
6.25		5	15.62	15	16.3	0.09609	0.5263	3.37%	-4.13%
12.5		5	15.62	14.7	16.9	0.1557	0.8526	5.46%	-4.13%
25		5	16.18	15.4	16.9	0.1068	0.5848	3.61%	-7.87%
50		5	14.1	13.3	15	0.1204	0.6595	4.68%	6.0%
100		5	15.56	15.2	16.2	0.06904	0.3782	2.43%	-3.73%

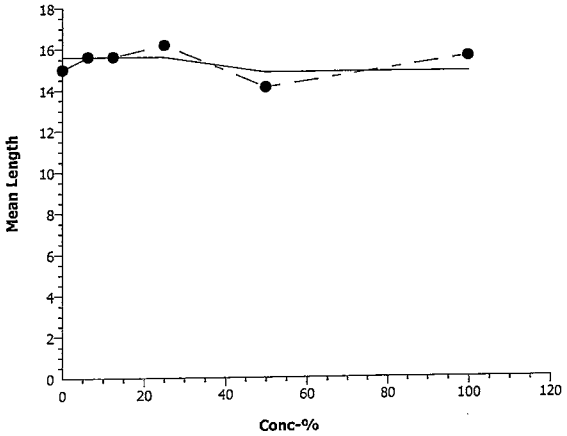
Mean Length Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	15.7	14	15.2	15.3	14.8
6.25		15	15.3	16.3	15.5	16
12.5		14.7	15	15.7	15.8	16.9
25		16	16.9	15.4	16.6	16
50		13.9	13.8	15	14.5	13.3
100		15.5	16.2	15.5	15.4	15.2

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	09-7688-6251	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:42	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	18-8606-6141	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:42	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	14-2501-5306	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:21	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:21	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	01-5456-5140	**Code:**	VCF1209069k	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-CC		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	2981654	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.906	0.7 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.257	2.908	0.5654	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

Germination Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	5	0.906	0.89	0.92	0.002081	0.0114	1.26%	0.0%	453	500
6.25		5	0.896	0.88	0.92	0.003317	0.01817	2.03%	1.1%	448	500
12.5		5	0.896	0.86	0.91	0.003786	0.02074	2.31%	1.1%	448	500
25		5	0.88	0.84	0.92	0.005773	0.03162	3.59%	2.87%	440	500
50		5	0.876	0.86	0.92	0.004761	0.02608	2.98%	3.31%	438	500
100		5	0.892	0.88	0.91	0.003	0.01643	1.84%	1.55%	446	500

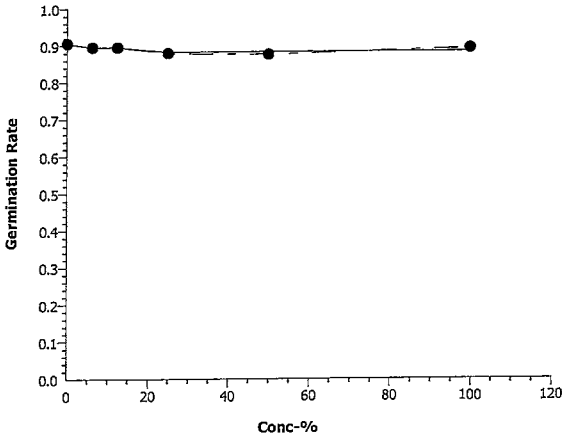
Germination Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.91	0.92	0.89	0.91	0.9
6.25		0.91	0.88	0.92	0.88	0.89
12.5		0.9	0.9	0.91	0.86	0.91
25		0.92	0.86	0.84	0.88	0.9
50		0.86	0.88	0.86	0.92	0.86
100		0.88	0.88	0.91	0.91	0.88

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	18-8606-6141	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:42	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	14-2501-5306	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:21	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:21	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	01-5456-5140	**Code:**	VCF1209069k	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-CC		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.95	6.495	7.405	6	7.9	0.2239	1.344	19.33%	0
6.25		2	6.85	6.395	7.305	5.9	7.8	0.2239	1.344	19.61%	0
12.5		2	6.4	6.161	6.639	5.9	6.9	0.1179	0.7071	11.05%	0
25		2	6.6	6.121	7.079	5.6	7.6	0.2357	1.414	21.43%	0
50		2	6	5.713	6.287	5.4	6.6	0.1414	0.8485	14.14%	0
100		2	6.3	6.156	6.444	6	6.6	0.07071	0.4243	6.73%	0
Overall		12	6.517			5.4	7.9				0 (0%)

Total Ammonia (N)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	0			0	0	0	0		0
100		1	0			0	0	0	0		0
Overall		2	0			0	0				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
6.25		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
12.5		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
25		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
50		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
100		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
Overall		12	7.95			7.9	8				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
6.25		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
12.5		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
25		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
50		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
100		2	15	15	15	15	15	0	0	0.0%	0
Overall		12	14.99			14.8	15.1				0 (0%)

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	7.9	6
6.25		7.8	5.9
12.5		6.9	5.9
25		7.6	5.6
50		6.6	5.4
100		6.6	6

Total Ammonia (N)-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	0	
100		0	

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	8	7.9
6.25		8	7.9
12.5		8	7.9
25		8	7.9
50		8	7.9
100		8	7.9

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	14.8	15.1
6.25		14.9	15.1
12.5		14.9	15.1
25		14.9	15.1
50		14.9	15.1
100		15	15

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-600/R95/136, 1995*. Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-CC
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.069

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC	=	50.00 %
TUc	=	2.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Analytical Report

Test Code: 06-8184-1435/VCF1209069u

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	15-8940-9537	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:20	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	15-0080-2157	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:01	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:01	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	06-2520-4049	**Code:**	VCF1209069u	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-CC		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	50	100	70.71	2	0.67%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		6.25	18	10	1	0.8333	Non-Significant Effect
		12.5	18	10	1	0.8333	Non-Significant Effect
		25	18	10	1	0.8333	Non-Significant Effect
		50	18	10	1	0.8333	Non-Significant Effect
		100*	10	10	0	0.0417	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.7 - NL	Yes	Result Within Limits
PMSD	0.006716	NL - 0.25	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	3.532	2.802	0.0005	Outlier Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.1055489	0.02110979	5	59.63	<0.0001	Significant Effect
Error	0.006371741	0.0003539856	18			
Total	0.1119207	0.02146377	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	2.955	4.248	0.0405	Equal Variances
Distribution	Shapiro-Wilk Normality	0.4214		<0.0001	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.4583	0.2056	<0.0001	Non-normal Distribution
Distribution	D'Agostino Skewness	1.058	2.576	0.2901	Normal Distribution
Distribution	D'Agostino Kurtosis	4.072	2.576	<0.0001	Non-normal Distribution
Distribution	D'Agostino Omnibus	17.7	9.21	0.0001	Non-normal Distribution

CETIS Analytical Report

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 15-8940-9537 **Endpoint:** Fertilization Rate **CETIS Version:** CETISv1.7.0
Analyzed: 11 Jan-10 10:20 **Analysis:** Nonparametric-Control vs Treatments **Official Results:** Yes

Fertilization Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1	1	1	1	1	0	0	0.0%	0.0%
6.25		4	1	1	1	1	1	0	0	0.0%	0.0%
12.5		4	1	1	1	1	1	0	0	0.0%	0.0%
25		4	1	1	1	1	1	0	0	0.0%	0.0%
50		4	1	1	1	1	1	0	0	0.0%	0.0%
100		4	0.9475	0.9397	0.9553	0.92	0.97	0.003828	0.02062	2.18%	5.25%

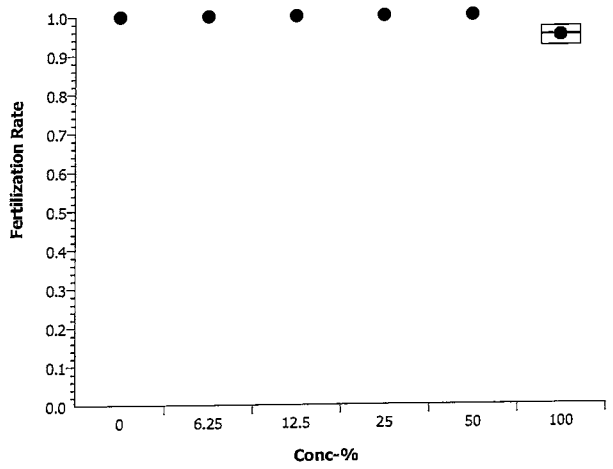
Angular (Corrected) Transformed Summary

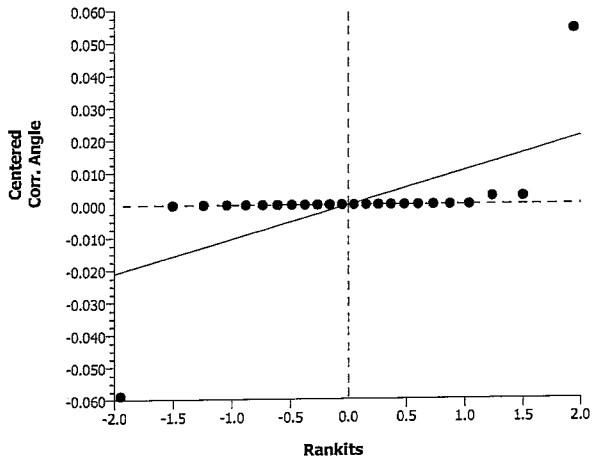
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
6.25		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
12.5		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
25		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
50		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
100		4	1.343	1.325	1.36	1.284	1.397	0.008558	0.04609	3.43%	11.7%

Fertilization Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
6.25		1	1	1	1
12.5		1	1	1	1
25		1	1	1	1
50		1	1	1	1
100		0.92	0.95	0.97	0.95

Graphics





CETIS Analytical Report

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	08-8885-3004	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:20	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	15-0080-2157	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:01	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:01	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	06-2520-4049	**Code:**	VCF1209069u	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-CC		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	5248684	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.7 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	97.62	76.6	N/A	1.024	N/A	1.305
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

Fertilization Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	1	1	1	0	0	0.0%	0.0%	400	400
6.25		4	1	1	1	0	0	0.0%	0.0%	400	400
12.5		4	1	1	1	0	0	0.0%	0.0%	400	400
25		4	1	1	1	0	0	0.0%	0.0%	400	400
50		4	1	1	1	0	0	0.0%	0.0%	400	400
100		4	0.9475	0.92	0.97	0.003764	0.02062	2.18%	5.25%	379	400

Fertilization Rate Detail

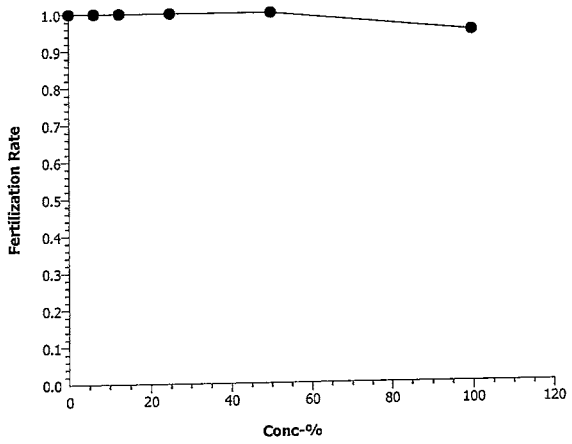
Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
6.25		1	1	1	1
12.5		1	1	1	1
25		1	1	1	1
50		1	1	1	1
100		0.92	0.95	0.97	0.95

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	08-8885-3004	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:20	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	15-0080-2157	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:01	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:01	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	06-2520-4049	**Code:**	VCF1209069u	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-CC		

Parameter Acceptability

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.8	15.1	11 - 13	Yes	Results Above Limit

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.95	6.495	7.405	6	7.9	0.2239	1.344	19.33%	0
6.25		2	6.85	6.395	7.305	5.9	7.8	0.2239	1.344	19.61%	0
12.5		2	6.5	6.309	6.691	6.1	6.9	0.09428	0.5657	8.7%	0
25		2	6.5	6.309	6.691	6.1	6.9	0.09428	0.5657	8.7%	0
50		2	6.4	6.209	6.591	6	6.8	0.09428	0.5657	8.84%	0
100		2	6.3	6.109	6.491	5.9	6.7	0.09428	0.5657	8.98%	0
Overall		12	6.583			5.9	7.9				0 (0%)

Total Ammonia (N)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	0			0	0	0	0		0
6.25		1	0			0	0	0	0		0
12.5		1	0			0	0	0	0		0
25		1	0			0	0	0	0		0
50		1	0			0	0	0	0		0
100		1	0			0	0	0	0		0
Overall		6	0			0	0				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
6.25		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
12.5		2	8	7.952	8.048	7.9	8.1	0.02357	0.1414	1.77%	0
25		2	8	7.952	8.048	7.9	8.1	0.02357	0.1414	1.77%	0
50		2	8	7.952	8.048	7.9	8.1	0.02357	0.1414	1.77%	0
100		2	8	7.952	8.048	7.9	8.1	0.02357	0.1414	1.77%	0
Overall		12	7.983			7.9	8.1				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
6.25		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
12.5		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
25		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
50		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
100		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
Overall		12	14.98			14.8	15.1				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	7.9	6
6.25		7.8	5.9
12.5		6.9	6.1
25		6.9	6.1
50		6.8	6
100		6.7	5.9

Total Ammonia (N)-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	0	
6.25		0	
12.5		0	
25		0	
50		0	
100		0	

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	8	7.9
6.25		8	7.9
12.5		8.1	7.9
25		8.1	7.9
50		8.1	7.9
100		8.1	7.9

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	14.8	15.1
6.25		14.9	15.1
12.5		14.9	15.1
25		14.9	15.1
50		14.9	15.1
100		14.8	15.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/821/R-02-014.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-CC
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.069

CHRONIC MENIDIA SURVIVAL AND GROWTH BIOASSAY

Survival	NOEC	=	100.00
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
Biomass	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Analytical Report

Test Code: 13-4900-2173/VCF1209069m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	02-1850-9396	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 10:46	**Analysis:**	Parametric-Two Sample	**Official Results:**	Yes
Batch ID:	14-3589-2919	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	17-1512-2451	**Code:**	VCF1209069m	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	28h (3.3 °C)	**Station:**	ME-CC		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	20.53%

Equal Variance t Two-Sample Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	0.3008	1.943	0.1453	0.3868	Non-Significant Effect
		12.5	0.2137	1.943	0.1637	0.4189	Non-Significant Effect
		25*	2.425	1.943	0.1002	0.0258	Significant Effect
		50	-2.013	1.943	0.05189	0.9546	Non-Significant Effect
		100	-1.427	1.943	0.1249	0.8983	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.6085	0.5 - NL	Yes	Result Within Limits
PMSD	0.2053	0.11 - 0.28	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.822	2.802	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.1107831	0.02215662	5	1.806	0.1624	Non-Significant Effect
Error	0.2207848	0.01226582	18			
Total	0.3315679	0.03442245	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	8.566	15.09	0.1277	Equal Variances
Variances	Mod Levene Equality of Variance	6.075	4.248	0.0018	Unequal Variances
Distribution	Shapiro-Wilk Normality	0.9639		0.5221	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.08769	0.2056	1.0000	Normal Distribution
Distribution	D'Agostino Skewness	0.3272	2.576	0.7435	Normal Distribution
Distribution	D'Agostino Kurtosis	1.293	2.576	0.1961	Normal Distribution
Distribution	D'Agostino Omnibus	1.778	9.21	0.4110	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.6085	0.5924	0.6246	0.568	0.668	0.007864	0.04235	6.96%	0.0%
6.25		4	0.586	0.5314	0.6406	0.448	0.737	0.02664	0.1434	24.48%	3.7%
12.5		4	0.5905	0.5285	0.6525	0.412	0.748	0.03028	0.1631	27.62%	2.96%
25		4	0.4835	0.4477	0.5193	0.36	0.581	0.01745	0.09399	19.44%	20.54%
50		4	0.6622	0.6499	0.6746	0.634	0.704	0.006043	0.03254	4.91%	-8.83%
100		4	0.7003	0.6541	0.7464	0.549	0.814	0.02254	0.1214	17.34%	-15.08%

CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test

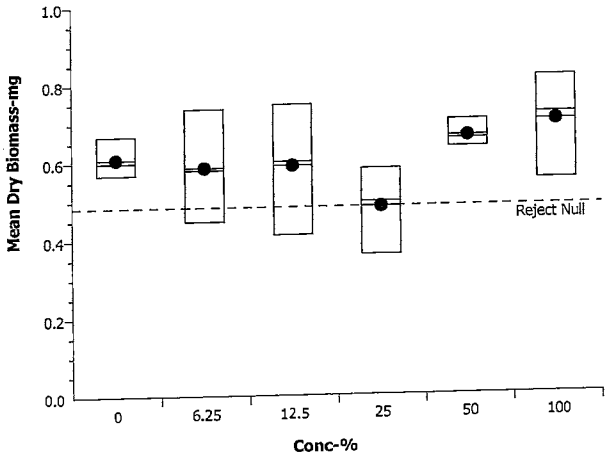
Aquatic Bioassay & Consulting Labs, Inc.

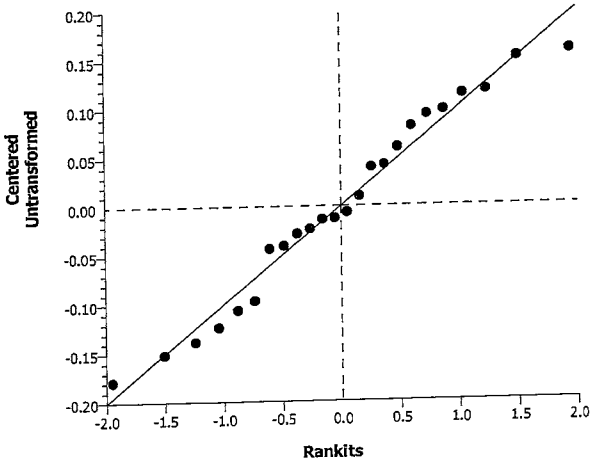
Analysis ID: 02-1850-9396 Endpoint: Mean Dry Biomass-mg CETIS Version: CETISv1.7.0
Analyzed: 07 Jan-10 10:46 Analysis: Parametric-Two Sample Official Results: Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.596	0.602	0.668	0.568
6.25		0.679	0.737	0.48	0.448
12.5		0.748	0.494	0.412	0.708
25		0.581	0.47	0.523	0.36
50		0.704	0.672	0.634	0.639
100		0.549	0.781	0.657	0.814

Graphics





CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	11-5772-1090	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 10:40	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	14-3589-2919	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	17-1512-2451	**Code:**	VCF1209069m	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	28h (3.3 °C)	**Station:**	ME-CC		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	17.32%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	0.3552	2.407	0.1965	0.7083	Non-Significant Effect
		12.5	-0.9336	2.407	0.1965	0.9794	Non-Significant Effect
		25	1.467	2.407	0.1965	0.2388	Non-Significant Effect
		50	-1.433	2.407	0.1965	0.9949	Non-Significant Effect
		100	-1.433	2.407	0.1965	0.9949	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.875	0.8 - NL	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.034	2.802	0.8262	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.1760204	0.03520408	5	2.641	0.0584	Non-Significant Effect
Error	0.2399063	0.01332813	18			
Total	0.4159268	0.04853221	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	3.538	15.09	0.6176	Equal Variances
Variances	Mod Levene Equality of Variance	1.445	4.248	0.2561	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9381		0.1480	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1775	0.2056	0.0489	Normal Distribution
Distribution	D'Agostino Skewness	0.8354	2.576	0.4035	Normal Distribution
Distribution	D'Agostino Kurtosis	0.7698	2.576	0.4414	Normal Distribution
Distribution	D'Agostino Omnibus	1.29	9.21	0.5246	Normal Distribution

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	11-5772-1090	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 10:40	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.875	0.856	0.894	0.8	0.9	0.009285	0.05	5.71%	0.0%
6.25		4	0.85	0.812	0.888	0.7	0.9	0.01857	0.1	11.76%	2.86%
12.5		4	0.925	0.906	0.944	0.9	1	0.009285	0.05	5.41%	-5.71%
25		4	0.775	0.7179	0.8321	0.6	0.9	0.02785	0.15	19.35%	11.43%
50		4	0.95	0.928	0.972	0.9	1	0.01072	0.05773	6.08%	-8.57%
100		4	0.95	0.928	0.972	0.9	1	0.01072	0.05773	6.08%	-8.57%

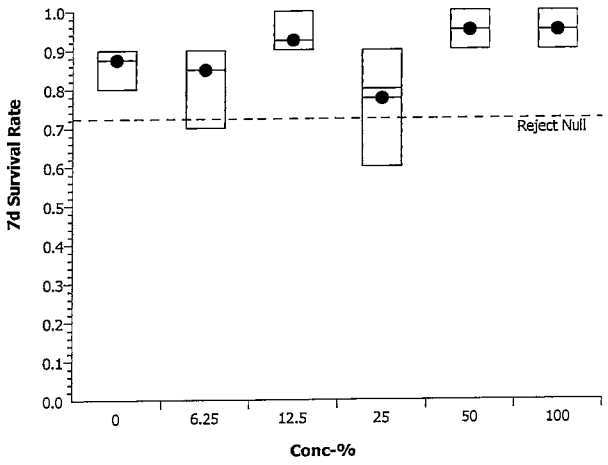
Angular (Corrected) Transformed Summary

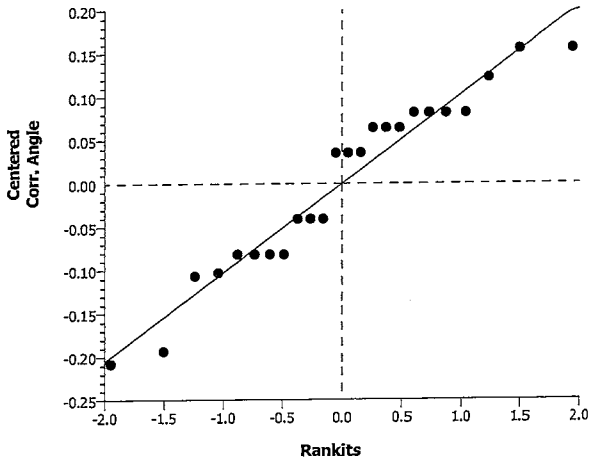
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.214	1.187	1.241	1.107	1.249	0.01317	0.07095	5.85%	0.0%
6.25		4	1.185	1.136	1.234	0.9912	1.249	0.02394	0.1289	10.89%	2.39%
12.5		4	1.29	1.259	1.321	1.249	1.412	0.01513	0.08149	6.32%	-6.28%
25		4	1.094	1.024	1.164	0.8861	1.249	0.03422	0.1843	16.85%	9.87%
50		4	1.331	1.295	1.366	1.249	1.412	0.01747	0.09409	7.07%	-9.64%
100		4	1.331	1.295	1.366	1.249	1.412	0.01747	0.09409	7.07%	-9.64%

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9	0.9	0.8	0.9
6.25		0.7	0.9	0.9	0.9
12.5		1	0.9	0.9	0.9
25		0.9	0.9	0.7	0.6
50		1	0.9	1	0.9
100		0.9	1	0.9	1

Graphics





CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	05-6998-3643	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 10:44	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	14-3589-2919	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	17-1512-2451	**Code:**	VCF1209069m	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	28h (3.3 °C)	**Station:**	ME-CC		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	5334240	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.6085	0.5 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.822	2.802	1.0000	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	N/A	N/A
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Dry Biomass-mg Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.6085	0.568	0.668	0.007732	0.04235	6.96%	0.0%
6.25		4	0.586	0.448	0.737	0.02619	0.1434	24.48%	3.7%
12.5		4	0.5905	0.412	0.748	0.02977	0.1631	27.62%	2.96%
25		4	0.4835	0.36	0.581	0.01716	0.09399	19.44%	20.54%
50		4	0.6622	0.634	0.704	0.005942	0.03254	4.91%	-8.83%
100		4	0.7003	0.549	0.814	0.02216	0.1214	17.34%	-15.08%

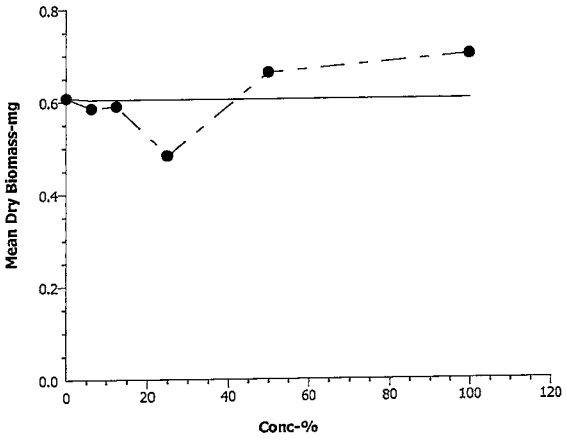
Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.596	0.602	0.668	0.568
6.25		0.679	0.737	0.48	0.448
12.5		0.748	0.494	0.412	0.708
25		0.581	0.47	0.523	0.36
50		0.704	0.672	0.634	0.639
100		0.549	0.781	0.657	0.814

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	05-6998-3643	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 10:44	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	14-0639-7704	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 10:40	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	14-3589-2919	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	17-1512-2451	**Code:**	VCF1209069m	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	28h (3.3 °C)	**Station:**	ME-CC		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7055475	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.875	0.8 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.034	2.802	0.8262	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	0.875	0.8	0.9	0.009129	0.05	5.71%	0.0%	35	40
6.25		4	0.85	0.7	0.9	0.01826	0.1	11.76%	2.86%	34	40
12.5		4	0.925	0.9	1	0.009129	0.05	5.41%	-5.71%	37	40
25		4	0.775	0.6	0.9	0.02739	0.15	19.35%	11.43%	31	40
50		4	0.95	0.9	1	0.01054	0.05773	6.08%	-8.57%	38	40
100		4	0.95	0.9	1	0.01054	0.05773	6.08%	-8.57%	38	40

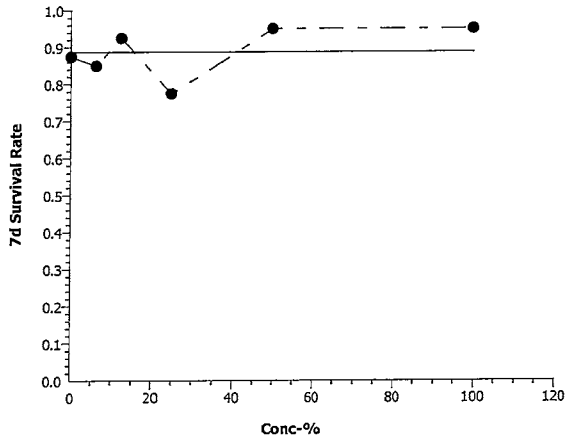
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9	0.9	0.8	0.9
6.25		0.7	0.9	0.9	0.9
12.5		1	0.9	0.9	0.9
25		0.9	0.9	0.7	0.6
50		1	0.9	1	0.9
100		0.9	1	0.9	1

Inland Silverside 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	14-0639-7704	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 10:40	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	14-3589-2919	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	17-1512-2451	**Code:**	VCF1209069m	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	28h (3.3 °C)	**Station:**	ME-CC		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	6.5	6.335	6.665	6	7	0.08116	0.487	7.49%	0
6.25		8	6.363	6.135	6.59	5.1	7	0.112	0.6718	10.56%	0
12.5		8	6.338	6.135	6.54	5.4	6.9	0.09958	0.5975	9.43%	0
25		8	6.338	6.154	6.521	5.6	6.9	0.09039	0.5423	8.56%	0
50		8	6.313	6.144	6.481	5.7	6.9	0.08283	0.497	7.87%	0
100		8	6.375	6.156	6.594	5.7	7.6	0.1079	0.6475	10.16%	0
Overall		48	6.371			5.1	7.6				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.888	7.866	7.909	7.8	8	0.01068	0.06408	0.81%	0
6.25		8	7.888	7.866	7.909	7.8	8	0.01068	0.06408	0.81%	0
12.5		8	7.838	7.807	7.868	7.7	7.9	0.01527	0.09161	1.17%	0
25		8	7.838	7.807	7.868	7.7	7.9	0.01527	0.09161	1.17%	0
50		8	7.863	7.832	7.893	7.7	8	0.01527	0.09161	1.17%	0
100		8	7.95	7.815	8.085	7.7	8.9	0.06667	0.4	5.03%	0
Overall		48	7.877			7.7	8.9				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	34	34	34	34	34	0	0	0.0%	0
6.25		8	34	34	34	34	34	0	0	0.0%	0
12.5		8	34	34	34	34	34	0	0	0.0%	0
25		8	34	34	34	34	34	0	0	0.0%	0
50		8	34	34	34	34	34	0	0	0.0%	0
100		8	34	34	34	34	34	0	0	0.0%	0
Overall		48	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.05	24.03	24.07	24	24.1	0.00889	0.05334	0.22%	0
6.25		8	24.05	24.01	24.09	24	24.3	0.01782	0.1069	0.44%	0
12.5		8	24.04	24.02	24.05	24	24.1	0.008611	0.05167	0.22%	0
25		8	24.05	24.02	24.08	24	24.2	0.01259	0.07553	0.31%	0
50		8	24.08	24.05	24.1	24	24.2	0.01177	0.0706	0.29%	0
100		8	24.08	24.05	24.1	24	24.2	0.01476	0.08857	0.37%	0
Overall		48	24.06			24	24.3				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	6	6	6	7	6.9	7	6.9	6.2
6.25		6.9	5.8	5.1	6.3	6.8	7	6.9	6.1
12.5		6.9	5.7	5.4	6.2	6.7	6.9	6.9	6
25		6.9	5.8	5.6	6.1	6.7	5.9	6.8	6.9
50		6.9	5.8	5.7	6.1	6.5	6.7	6.9	5.9
100		7.6	5.7	6	6.3	6.7	6.9	5.9	5.9

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.9	7.8	7.8	8	7.9	7.9	7.9	7.9
6.25		7.9	7.8	7.8	8	7.9	7.9	7.9	7.9
12.5		7.9	7.9	7.7	7.7	7.8	7.9	7.9	7.9
25		7.9	7.9	7.7	7.7	7.8	7.9	7.9	7.9
50		8	7.9	7.8	7.7	7.8	7.9	7.9	7.9
100		8.9	8	7.9	7.7	7.8	7.7	7.7	7.9

Salinity-ppt

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	34	34	34	34	34	34	34	34
6.25		34	34	34	34	34	34	34	34
12.5		34	34	34	34	34	34	34	34
25		34	34	34	34	34	34	34	34
50		34	34	34	34	34	34	34	34
100		34	34	34	34	34	34	34	34

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24	24	24.1	24.1	24	24	24.1	24.1
6.25		24	24	24	24.1	24.3	24	24	24
12.5		24	24	24.1	24.1	24.1	24	24	24
25		24	24	24.2	24.1	24.1	24	24	24
50		24	24	24.2	24.1	24.1	24.1	24.1	24
100		24	24	24.2	24.1	24	24.1	24.2	24

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/821/R-02-014.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-CC
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.069

CHRONIC TOPSMELT SURVIVAL AND GROWTH BIOASSAY

Survival	NOEC	=	<50.00
	TUc	=	>2.00
	IC25	=	60.42 %
	IC50	=	>100.00 %
Biomass	NOEC	=	<50.00 %
	TUc	=	>2.00
	IC25	=	42.84 %
	IC50	=	79.91 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	06-7336-5944	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:30	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	11-3559-8903	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:00	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	07-7123-0343	**Code:**	VCF1209069t	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	28h (3.3 °C)	**Station:**	ME-CC		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	<50	50	N/A	>2	26.3%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		50*	2.339	2.108	0.3107	0.0334	Significant Effect
		100*	5.129	2.108	0.3107	0.0002	Significant Effect

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.972	2.548	0.5306	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	1.432518	0.716259	2	13.19	0.0009	Significant Effect
Error	0.6518132	0.05431777	12			
Total	2.084331	0.7705768	14			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	0.8433	9.21	0.6560	Equal Variances
Variances	Mod Levene Equality of Variance	0.2072	8.022	0.8166	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9525		0.5648	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1317	0.2542	0.7738	Normal Distribution
Distribution	D'Agostino Skewness	1.07	2.576	0.2845	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	1.182	1.117	1.246	1.008	1.436	0.0315	0.1696	14.36%	0.0%
50		5	0.8368	0.7457	0.9279	0.446	1.066	0.04447	0.2395	28.62%	29.18%
100		5	0.4256	0.3202	0.531	0	0.76	0.05147	0.2772	65.12%	63.98%

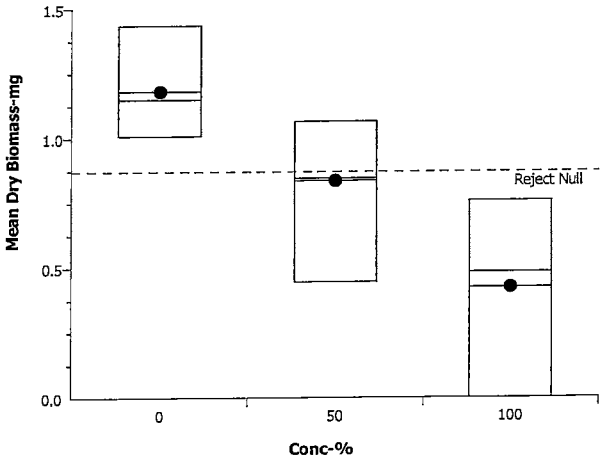
Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

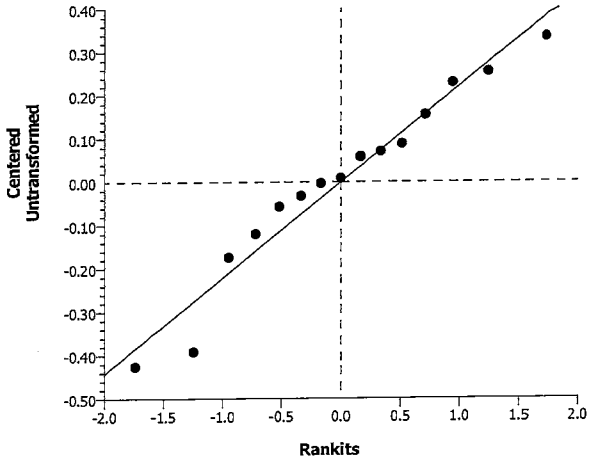
Analysis ID:	06-7336-5944	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:30	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.062	1.436	1.008	1.252	1.15
50		0.446	0.992	1.066	0.834	0.846
100		0.484	0.514	0.37	0.76	0

Graphics





CETIS Analytical Report

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	20-9819-0038	Endpoint:	7d Survival Rate	CETIS Version:	CETISv1.7.0
Analyzed:	07 Jan-10 14:30	Analysis:	Parametric-Control vs Treatments	Official Results:	Yes
Batch ID:	11-3559-8903	Test Type:	Growth-Survival (7d)	Analyst:	
Start Date:	08 Dec-09 16:00	Protocol:	EPA/821/R-02-014 (2002)	Diluent:	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	Species:	Atherinops affinis	Brine:	Not Applicable
Duration:	6d 22h	Source:	Aquatic Biosystems, CO	Age:	9-15
Sample ID:	07-7123-0343	Code:	VCF1209069t	Client:	VCWPD
Sample Date:	07 Dec-09 12:00	Material:	Sample Water	Project:	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	Source:	Bioassay Report		
Sample Age:	28h (3.3 °C)	Station:	ME-CC		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	<50	50	N/A	>2	18.38%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		50*	2.274	2.108	0.2176	0.0375	Significant Effect
		100*	4.762	2.108	0.2176	0.0004	Significant Effect

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.677	2.548	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.6045653	0.3022827	2	11.35	0.0017	Significant Effect
Error	0.3196584	0.0266382	12			
Total	0.9242237	0.3289209	14			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	1.74	8.022	0.2297	Equal Variances
Distribution	Shapiro-Wilk Normality	0.8429		0.0138	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.3	0.2542	0.0008	Non-normal Distribution
Distribution	D'Agostino Skewness	0.8473	2.576	0.3968	Normal Distribution

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	1	1	1	1	1	0	0	0.0%	0.0%
50		5	0.8	0.7462	0.8538	0.6	1	0.02626	0.1414	17.68%	20.0%
100		5	0.56	0.4767	0.6433	0.4	0.8	0.04068	0.2191	39.12%	44.0%

Angular (Corrected) Transformed Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	5	1.345	1.345	1.345	1.345	1.345	0	0	0.0%	0.0%
50		5	1.111	1.049	1.172	0.8861	1.345	0.03016	0.1624	14.63%	17.45%
100		5	0.8537	0.7657	0.9417	0.6847	1.107	0.04297	0.2314	27.1%	36.54%

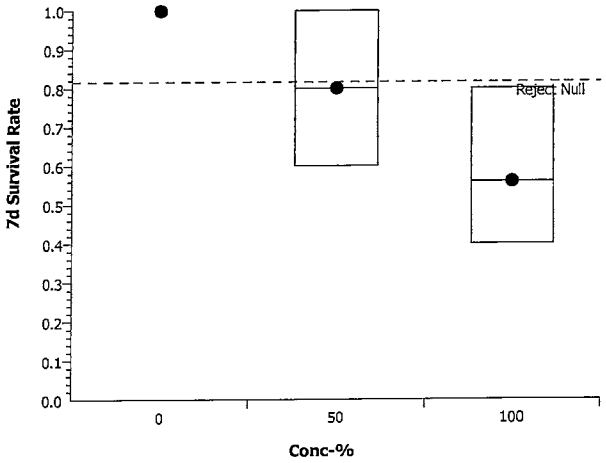
Pacific Topsmelt 7-d Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

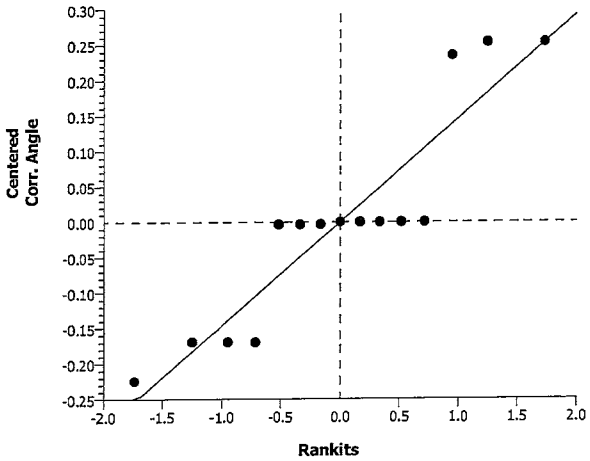
Analysis ID:	20-9819-0038	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:30	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
50		0.6	0.8	1	0.8	0.8
100		0.4	0.4	0.4	0.8	0.8

Graphics





CETIS Analytical Report

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	13-9838-1916	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:30	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	11-3559-8903	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:00	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	07-7123-0343	**Code:**	VCF1209069t	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	28h (3.3 °C)	**Station:**	ME-CC		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7747401	280	Yes	Two-Point Interpolation

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.972	2.548	0.5306	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	8.567	3.414	24.72	11.67	4.045	29.29
IC10	17.13	6.829	49.45	5.836	2.022	14.64
IC15	25.7	10.24	66.1	3.891	1.513	9.763
IC20	34.27	13.66	69.67	2.918	1.435	7.322
IC25	42.84	17.07	74.12	2.334	1.349	5.858
IC40	65.54	28.81	99.97	1.526	1	3.471
IC50	79.91	38.72	N/A	1.251	N/A	2.582

Mean Dry Biomass-mg Summary

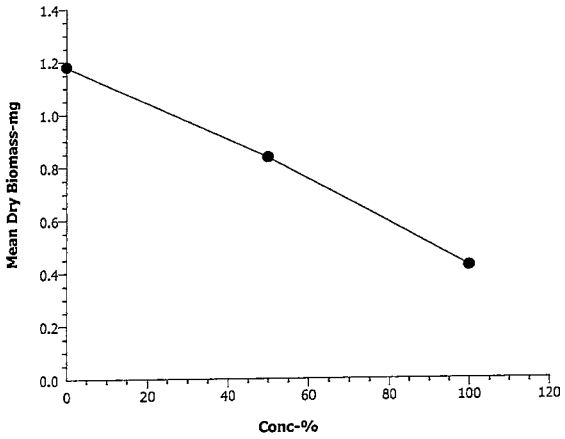
			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	1.182	1.008	1.436	0.03097	0.1696	14.36%	0.0%
50		5	0.8368	0.446	1.066	0.04373	0.2395	28.62%	29.18%
100		5	0.4256	0	0.76	0.0506	0.2772	65.12%	63.98%

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.062	1.436	1.008	1.252	1.15
50		0.446	0.992	1.066	0.834	0.846
100		0.484	0.514	0.37	0.76	0

Analysis ID:	13-9838-1916	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:30	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	20-3550-9931	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:30	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	11-3559-8903	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:00	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	07-7123-0343	**Code:**	VCF1209069t	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	28h (3.3 °C)	**Station:**	ME-CC		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7747401	280	Yes	Two-Point Interpolation

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.677	2.548	1.0000	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	12.5	5.469	40.63	8	2.462	18.29
EC10	25	10.94	65.91	4	1.517	9.143
EC15	37.5	16.41	70.31	2.667	1.422	6.095
EC20	50	21.88	82.14	2	1.217	4.571
EC25	60.42	28.39	101	1.655	0.9897	3.523
EC40	91.67	62.5	N/A	1.091	N/A	1.6
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	5	1	1	1	0	0	0.0%	0.0%	25	25
50		5	0.8	0.6	1	0.02582	0.1414	17.68%	20.0%	20	25
100		5	0.56	0.4	0.8	0.04	0.2191	39.12%	44.0%	14	25

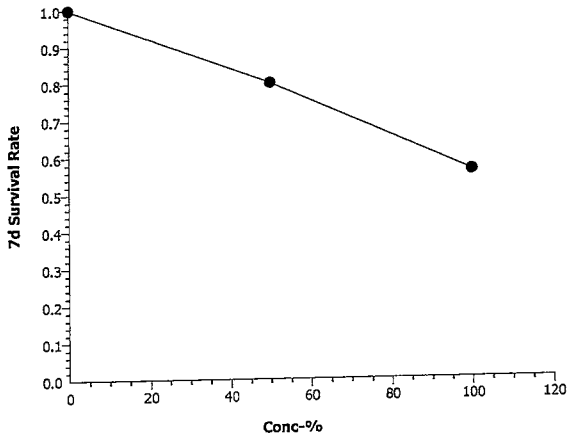
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
50		0.6	0.8	1	0.8	0.8
100		0.4	0.4	0.4	0.8	0.8

Pacific Topsmelt 7-d Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	20-3550-9931	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:30	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	11-3559-8903	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:00	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	07-7123-0343	**Code:**	VCF1209069t	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	28h (3.3 °C)	**Station:**	ME-CC		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	6.475	6.299	6.651	5.8	7	0.08672	0.5203	8.04%	0
50		8	6.575	6.347	6.803	5.7	7.7	0.1122	0.6735	10.24%	0
100		8	6.513	6.284	6.741	5.6	7.6	0.1125	0.6749	10.36%	0
Overall		24	6.521			5.6	7.7				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.888	7.866	7.909	7.8	8	0.01068	0.06408	0.81%	0
50		8	7.9	7.874	7.926	7.8	8	0.0126	0.07559	0.96%	0
100		8	7.925	7.895	7.955	7.8	8.1	0.01477	0.08864	1.12%	0
Overall		24	7.904			7.8	8.1				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	34	34	34	34	34	0	0	0.0%	0
50		8	34	34	34	34	34	0	0	0.0%	0
100		8	34	34	34	34	34	0	0	0.0%	0
Overall		24	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	21.03	21	21.05	21	21.2	0.01179	0.07071	0.34%	0
50		8	21.01	21	21.02	21	21.1	0.005895	0.03537	0.17%	0
100		8	21.01	21	21.02	21	21.1	0.005895	0.03537	0.17%	0
Overall		24	21.02			21	21.2				0 (0%)

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	6	6	5.8	7	6.9	7	6.9	6.2
50		7.7	5.8	5.7	6.7	6.7	7	6.9	6.1
100		7.6	5.7	5.6	6.6	6.7	6.9	6.9	6.1

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.9	7.8	7.8	8	7.9	7.9	7.9	7.9
50		8	7.8	7.8	8	7.9	7.9	7.9	7.9
100		8.1	8	7.9	7.8	7.9	7.9	7.9	7.9

Salinity-ppt

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	34	34	34	34	34	34	34	34
50		34	34	34	34	34	34	34	34
100		34	34	34	34	34	34	34	34

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	21	21	21.2	21	21	21	21	21
50		21	21	21.1	21	21	21	21	21
100		21	21	21.1	21	21	21	21	21

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/R-95/136.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-SCR
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.070

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

Germination	NOEC	=	100.00
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
Tube Length	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

Analysis ID:	03-4889-5385	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:56	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	05-5527-8979	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:26	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:26	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	08-0576-6959	**Code:**	VCF1209070k	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	20h (3.3 °C)	**Station:**	ME-SCR		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	5.35%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	0.7173	2.362	0.8561	0.5491	Non-Significant Effect
		12.5	0.5517	2.362	0.8561	0.6241	Non-Significant Effect
		25	0.4414	2.362	0.8561	0.6722	Non-Significant Effect
		50	1.6	2.362	0.8561	0.1930	Non-Significant Effect
		100	0.3862	2.362	0.8561	0.6953	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	16	10 - NL	Yes	Result Within Limits
PMSD	0.05351	NL - 0.2	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.301	2.908	0.4913	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.9496679	0.1899336	5	0.5782	0.7162	Non-Significant Effect
Error	7.884	0.3285	24			
Total	8.833668	0.5184336	29			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	2.598	15.09	0.7616	Equal Variances
Variances	Mod Levene Equality of Variance	0.2416	4.248	0.9387	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9814		0.8604	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.08932	0.1853	0.8269	Normal Distribution
Distribution	D'Agostino Skewness	0.1216	2.576	0.9032	Normal Distribution
Distribution	D'Agostino Kurtosis	0.4206	2.576	0.6740	Normal Distribution
Distribution	D'Agostino Omnibus	0.1917	9.21	0.9086	Normal Distribution

Mean Length Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	16	15.74	16.26	15.5	17.2	0.128	0.6892	4.31%	0.0%
6.25		5	15.74	15.58	15.9	15.3	16.3	0.08052	0.4336	2.76%	1.63%
12.5		5	15.8	15.67	15.93	15.3	16.2	0.06565	0.3536	2.24%	1.25%
25		5	15.84	15.56	16.12	14.8	16.7	0.1343	0.7232	4.57%	1.0%
50		5	15.42	15.22	15.62	14.6	16	0.09685	0.5215	3.38%	3.63%
100		5	15.86	15.62	16.1	14.8	16.3	0.1157	0.6229	3.93%	0.88%

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

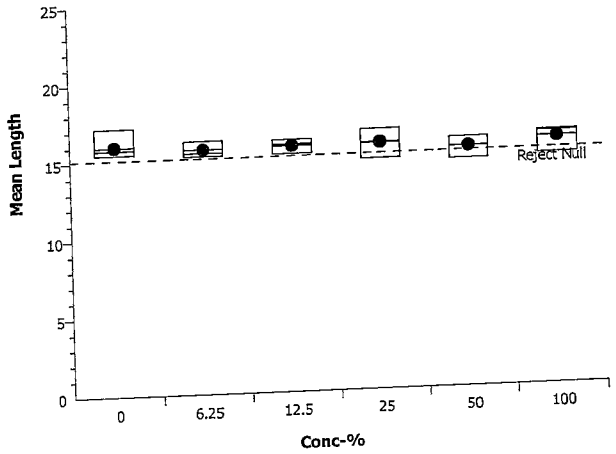
Macrocystis Germination and Germ Tube Growth Test

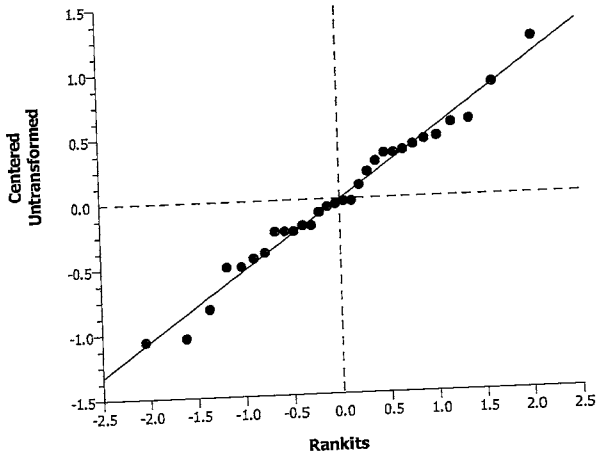
Analysis ID: 03-4889-5385 **Endpoint:** Mean Length **CETIS Version:** CETISv1.7.0
Analyzed: 11 Jan-10 13:56 **Analysis:** Parametric-Control vs Treatments **Official Results:** Yes

Mean Length Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	15.5	15.6	15.8	17.2	15.9
6.25		15.5	16.3	16.1	15.5	15.3
12.5		15.9	16.2	16	15.3	15.6
25		15.8	15.6	16.7	16.3	14.8
50		15.4	15.7	14.6	16	15.4
100		16.3	16.2	16.2	14.8	15.8

Graphics





Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	02-8354-6072	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:56	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	05-5527-8979	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:26	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:26	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	08-0576-6959	**Code:**	VCF1209070k	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	20h (3.3 °C)	**Station:**	ME-SCR		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	4.68%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	0.04243	2.362	0.06645	0.8205	Non-Significant Effect
		12.5	0.04134	2.362	0.06645	0.8208	Non-Significant Effect
		25	-0.2333	2.362	0.06645	0.8930	Non-Significant Effect
		50	-0.6611	2.362	0.06645	0.9593	Non-Significant Effect
		100	0.8119	2.362	0.06645	0.5054	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.896	0.7 - NL	Yes	Result Within Limits
PMSD	0.04682	NL - 0.2	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.783	2.908	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.004568989	0.0009137979	5	0.4617	0.8007	Non-Significant Effect
Error	0.04750495	0.001979373	24			
Total	0.05207394	0.002893171	29			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	1.099	15.09	0.9542	Equal Variances
Variances	Mod Levene Equality of Variance	0.2561	4.248	0.9312	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9556		0.2386	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1477	0.1853	0.0936	Normal Distribution
Distribution	D'Agostino Skewness	0.08389	2.576	0.9331	Normal Distribution
Distribution	D'Agostino Kurtosis	1.758	2.576	0.0788	Normal Distribution
Distribution	D'Agostino Omnibus	3.097	9.21	0.2126	Normal Distribution

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID: 02-8354-6072 **Endpoint:** Germination Rate **CETIS Version:** CETISv1.7.0
Analyzed: 11 Jan-10 13:56 **Analysis:** Parametric-Control vs Treatments **Official Results:** Yes

Germination Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	0.896	0.8838	0.9082	0.85	0.93	0.00596	0.03209	3.58%	0.0%
6.25		5	0.896	0.8872	0.9048	0.88	0.93	0.004275	0.02302	2.57%	0.0%
12.5		5	0.896	0.8861	0.9059	0.85	0.91	0.004842	0.02608	2.91%	0.0%
25		5	0.9	0.8889	0.9111	0.87	0.94	0.005414	0.02915	3.24%	-0.45%
50		5	0.908	0.9007	0.9153	0.88	0.93	0.003572	0.01923	2.12%	-1.34%
100		5	0.882	0.8705	0.8935	0.86	0.92	0.005632	0.03033	3.44%	1.56%

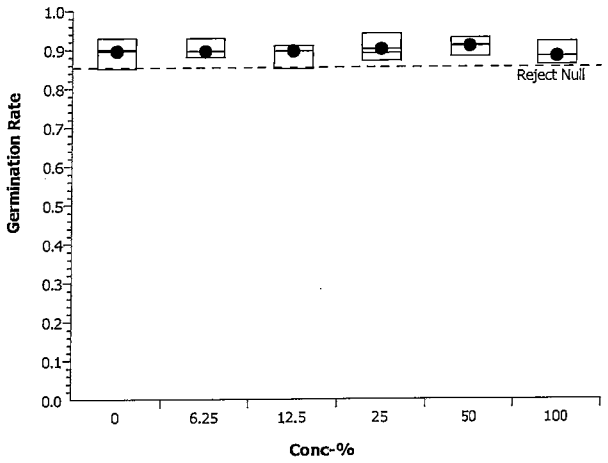
Angular (Corrected) Transformed Summary

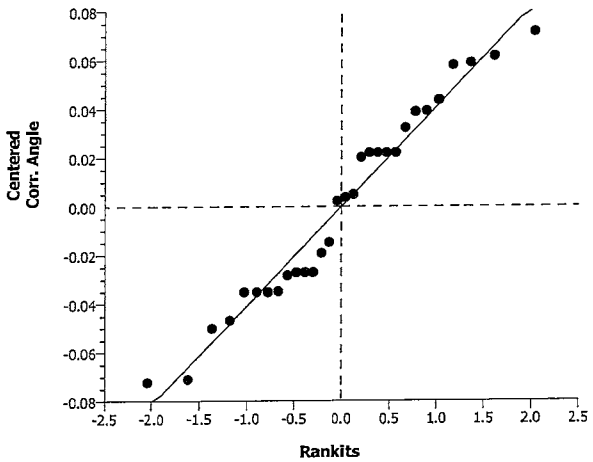
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	5	1.245	1.225	1.265	1.173	1.303	0.009675	0.0521	4.18%	0.0%
6.25		5	1.244	1.229	1.259	1.217	1.303	0.007282	0.03922	3.15%	0.1%
12.5		5	1.244	1.229	1.259	1.173	1.266	0.007496	0.04037	3.25%	0.09%
25		5	1.252	1.233	1.271	1.202	1.323	0.009383	0.05053	4.04%	-0.53%
50		5	1.264	1.251	1.276	1.217	1.303	0.006129	0.033	2.61%	-1.49%
100		5	1.222	1.204	1.241	1.187	1.284	0.009005	0.04849	3.97%	1.84%

Germination Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.93	0.9	0.88	0.92	0.85
6.25		0.88	0.88	0.93	0.91	0.88
12.5		0.91	0.9	0.91	0.85	0.91
25		0.87	0.88	0.89	0.94	0.92
50		0.92	0.93	0.91	0.88	0.9
100		0.86	0.86	0.86	0.92	0.91

Graphics





CETIS Analytical Report

Test Code: 02-3808-5470/VCF1209070k

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	06-9588-0928	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:56	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	05-5527-8979	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:26	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:26	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	08-0576-6959	**Code:**	VCF1209070k	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	20h (3.3 °C)	**Station:**	ME-SCR		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	6226967	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	16	10 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.301	2.908	0.4913	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	N/A	N/A
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Length Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	16	15.5	17.2	0.1258	0.6892	4.31%	0.0%
6.25		5	15.74	15.3	16.3	0.07916	0.4336	2.76%	1.63%
12.5		5	15.8	15.3	16.2	0.06455	0.3536	2.24%	1.25%
25		5	15.84	14.8	16.7	0.132	0.7232	4.57%	1.0%
50		5	15.42	14.6	16	0.09522	0.5215	3.38%	3.63%
100		5	15.86	14.8	16.3	0.1137	0.6229	3.93%	0.88%

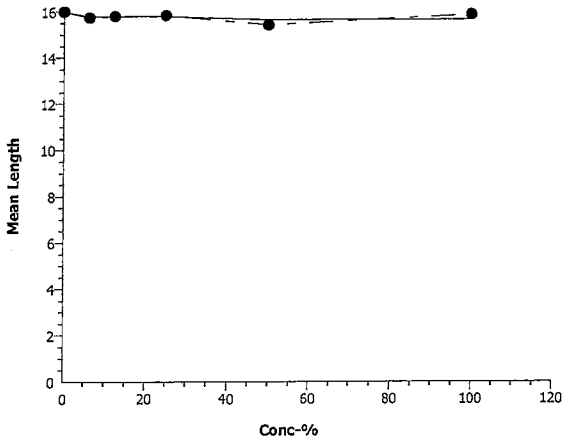
Mean Length Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	15.5	15.6	15.8	17.2	15.9
6.25		15.5	16.3	16.1	15.5	15.3
12.5		15.9	16.2	16	15.3	15.6
25		15.8	15.6	16.7	16.3	14.8
50		15.4	15.7	14.6	16	15.4
100		16.3	16.2	16.2	14.8	15.8

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	06-9588-0928	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:56	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	00-0675-5873	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:56	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	05-5527-8979	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:26	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:26	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	08-0576-6959	**Code:**	VCF1209070k	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	20h (3.3 °C)	**Station:**	ME-SCR		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	6226967	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.896	0.7 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.783	2.908	1.0000	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

Germination Rate Summary

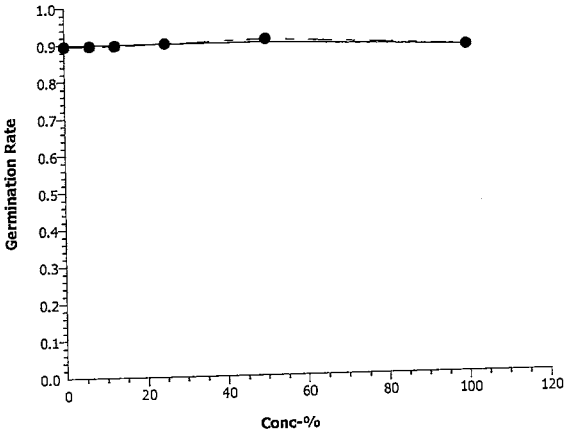
			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	5	0.896	0.85	0.93	0.005859	0.03209	3.58%	0.0%	448	500
6.25		5	0.896	0.88	0.93	0.004203	0.02302	2.57%	0.0%	448	500
12.5		5	0.896	0.85	0.91	0.004761	0.02608	2.91%	0.0%	448	500
25		5	0.9	0.87	0.94	0.005323	0.02915	3.24%	-0.45%	450	500
50		5	0.908	0.88	0.93	0.003512	0.01923	2.12%	-1.34%	454	500
100		5	0.882	0.86	0.92	0.005538	0.03033	3.44%	1.56%	441	500

Germination Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.93	0.9	0.88	0.92	0.85
6.25		0.88	0.88	0.93	0.91	0.88
12.5		0.91	0.9	0.91	0.85	0.91
25		0.87	0.88	0.89	0.94	0.92
50		0.92	0.93	0.91	0.88	0.9
100		0.86	0.86	0.86	0.92	0.91

Analysis ID:	00-0675-5873	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 13:56	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Test Code: 02-3808-5470/VCF1209070k

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	05-5527-8979	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 12:26	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 12:26	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	08-0576-6959	**Code:**	VCF1209070k	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	20h (3.3 °C)	**Station:**	ME-SCR		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.95	6.495	7.405	6	7.9	0.2239	1.344	19.33%	0
6.25		2	6.85	6.395	7.305	5.9	7.8	0.2239	1.344	19.61%	0
12.5		2	6.1	5.861	6.339	5.6	6.6	0.1179	0.7071	11.59%	0
25		2	6.3	6.252	6.348	6.2	6.4	0.02357	0.1414	2.25%	0
50		2	6.25	6.083	6.417	5.9	6.6	0.0825	0.495	7.92%	0
100		2	6	5.761	6.239	5.5	6.5	0.1179	0.7071	11.79%	0
Overall		12	6.408			5.5	7.9				0 (0%)

Total Ammonia (N)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	0			0	0	0	0		0
6.25		2	0	0	0	0	0	0	0		0
12.5		2	0	0	0	0	0	0	0		0
25		2	0	0	0	0	0	0	0		0
50		2	0	0	0	0	0	0	0		0
100		2	0	0	0	0	0	0	0		0
Overall		11	0			0	0				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
6.25		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
12.5		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
25		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
50		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
100		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
Overall		12	7.942			7.9	8				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
6.25		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
12.5		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
25		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
50		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
100		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
Overall		12	14.96			14.9	15.1				0 (0%)

Macrocystis Germination and Germ Tube Growth Test
Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	7.9	6
6.25		7.8	5.9
12.5		6.6	5.6
25		6.4	6.2
50		6.6	5.9
100		6.5	5.5

Total Ammonia (N)-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	0	
6.25		0	0
12.5		0	0
25		0	0
50		0	0
100		0	0

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	7.9	7.9
6.25		8	7.9
12.5		8	7.9
25		8	7.9
50		8	7.9
100		8	7.9

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	14.9	15.1
6.25		14.9	15
12.5		14.9	15
25		14.9	15
50		14.9	15
100		15	14.9

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-600/R95/136, 1995*. Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-SCR
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.070

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC	=	50.00 %
TUc	=	2.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Test Code: 10-3023-4327/VCF1209070u

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	12-2789-5057	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:26	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	19-8922-5379	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:02	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:02	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	10-3874-5837	**Code:**	VCF1209070u	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	20h (3.3 °C)	**Station:**	ME-SCR		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	50	100	70.71	2	0.51%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		6.25	18	10	1	0.8333	Non-Significant Effect
		12.5	18	10	1	0.8333	Non-Significant Effect
		25	18	10	1	0.8333	Non-Significant Effect
		50	18	10	1	0.8333	Non-Significant Effect
		100*	10	10	0	0.0417	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.7 - NL	Yes	Result Within Limits
PMSD	0.005069	NL - 0.25	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	3.086	2.802	0.0116	Outlier Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.2444298	0.04888595	5	314.1	<0.0001	Significant Effect
Error	0.002801645	0.000155647	18			
Total	0.2472314	0.0490416	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	26.5	4.248	<0.0001	Unequal Variances
Distribution	Shapiro-Wilk Normality	0.5832		<0.0001	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.4167	0.2056	<0.0001	Non-normal Distribution
Distribution	D'Agostino Skewness	0.2268	2.576	0.8206	Normal Distribution
Distribution	D'Agostino Kurtosis	3.341	2.576	0.0008	Non-normal Distribution
Distribution	D'Agostino Omnibus	11.21	9.21	0.0037	Non-normal Distribution

Analyst: QA: Pass

CETIS Analytical Report

Test Code: 10-3023-4327/VCF1209070u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 12-2789-5057 Endpoint: Fertilization Rate CETIS Version: CETISv1.7.0

Analyzed: 11 Jan-10 10:26 Analysis: Nonparametric-Control vs Treatments Official Results: Yes

Fertilization Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1	1	1	1	1	0	0	0.0%	0.0%
6.25		4	1	1	1	1	1	0	0	0.0%	0.0%
12.5		4	1	1	1	1	1	0	0	0.0%	0.0%
25		4	1	1	1	1	1	0	0	0.0%	0.0%
50		4	1	1	1	1	1	0	0	0.0%	0.0%
100		4	0.9	0.8931	0.9069	0.88	0.92	0.00339	0.01826	2.03%	10.0%

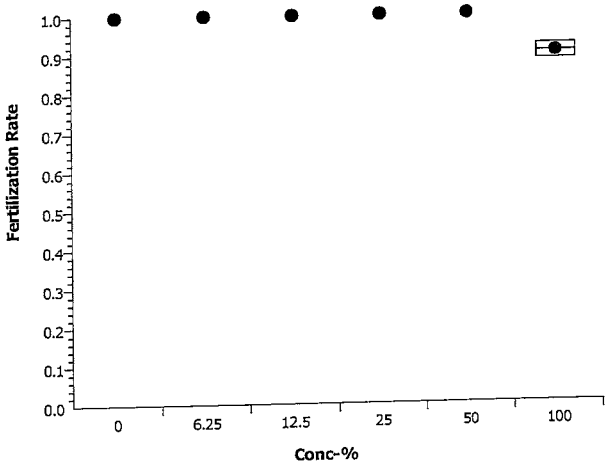
Angular (Corrected) Transformed Summary

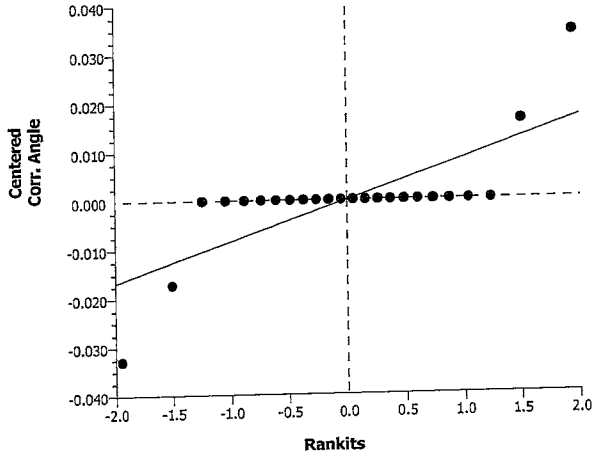
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
6.25		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
12.5		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
25		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
50		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
100		4	1.25	1.238	1.262	1.217	1.284	0.005675	0.03056	2.45%	17.81%

Fertilization Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
6.25		1	1	1	1
12.5		1	1	1	1
25		1	1	1	1
50		1	1	1	1
100		0.92	0.89	0.91	0.88

Graphics





CETIS Analytical Report

Test Code: 10-3023-4327/VCF1209070u

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	16-2378-7363	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:26	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	19-8922-5379	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:02	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:02	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	10-3874-5837	**Code:**	VCF1209070u	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	20h (3.3 °C)	**Station:**	ME-SCR		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7671117	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.7 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	75	69.78	82.06	1.333	1.219	1.433
EC10	100	89.57	N/A	1	N/A	1.117
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

Fertilization Rate Summary — Calculated Variate(A/B)

Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	1	1	1	0	0	0.0%	0.0%	400	400
6.25		4	1	1	1	0	0	0.0%	0.0%	400	400
12.5		4	1	1	1	0	0	0.0%	0.0%	400	400
25		4	1	1	1	0	0	0.0%	0.0%	400	400
50		4	1	1	1	0	0	0.0%	0.0%	400	400
100		4	0.9	0.88	0.92	0.003333	0.01826	2.03%	10.0%	360	400

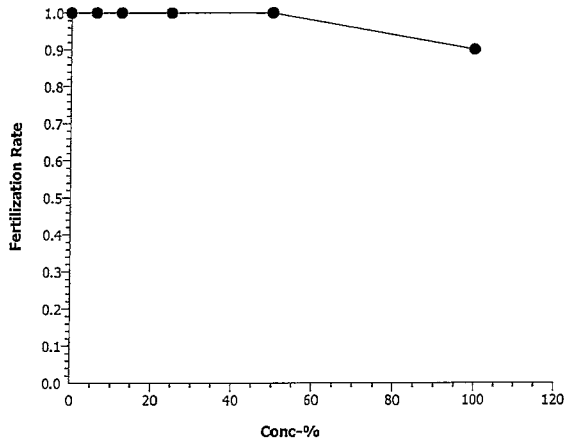
Fertilization Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
6.25		1	1	1	1
12.5		1	1	1	1
25		1	1	1	1
50		1	1	1	1
100		0.92	0.89	0.91	0.88

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	16-2378-7363	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:26	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	19-8922-5379	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:02	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:02	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	10-3874-5837	**Code:**	VCF1209070u	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	20h (3.3 °C)	**Station:**	ME-SCR		

Parameter Acceptability

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.8	15.1	11 - 13	Yes	Results Above Limit

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.95	6.495	7.405	6	7.9	0.2239	1.344	19.33%	0
6.25		2	6.85	6.395	7.305	5.9	7.8	0.2239	1.344	19.61%	0
12.5		2	6.8	6.321	7.279	5.8	7.8	0.2357	1.414	20.8%	0
25		2	6.8	6.321	7.279	5.8	7.8	0.2357	1.414	20.8%	0
50		2	6.85	6.395	7.305	5.9	7.8	0.2239	1.344	19.61%	0
100		2	6.75	6.343	7.157	5.9	7.6	0.2003	1.202	17.81%	0
Overall		12	6.833			5.8	7.9				0 (0%)

Total Ammonia (N)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	0			0	0	0	0		0
100		1	0			0	0	0	0		0
Overall		2	0			0	0				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
6.25		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
12.5		2	7.85	7.826	7.874	7.8	7.9	0.01178	0.07071	0.9%	0
25		2	7.85	7.826	7.874	7.8	7.9	0.01178	0.07071	0.9%	0
50		2	7.85	7.826	7.874	7.8	7.9	0.01178	0.07071	0.9%	0
100		2	7.8	7.8	7.8	7.8	7.8	0	0	0.0%	0
Overall		12	7.858			7.8	7.9				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

CETIS Measurement Report

Aquatic Bioassay & Consulting Labs, Inc.

Purple Sea Urchin Sperm Cell Fertilization Test

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
6.25		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
12.5		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
25		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
50		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
100		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
Overall		12	14.96			14.8	15.1				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	7.9	6
6.25		7.8	5.9
12.5		7.8	5.8
25		7.8	5.8
50		7.8	5.9
100		7.6	5.9

Total Ammonia (N)-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	0	
100		0	

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	7.9	7.9
6.25		7.9	7.9
12.5		7.9	7.8
25		7.9	7.8
50		7.9	7.8
100		7.8	7.8

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	14.9	15.1
6.25		14.8	15.1
12.5		14.8	15.1
25		14.8	15.1
50		14.8	15.1
100		14.8	15.1

Analyst: _____ QA: _____

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/821/R-02-014.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-SCR
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.070

CHRONIC MENIDIA SURVIVAL AND GROWTH BIOASSAY

Survival	NOEC =	100.00
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
Biomass	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

CETIS Version: CETISv1.7.0
Official Results: Yes

Analysis ID:	03-7874-1884	Endpoint:	Mean Dry Biomass-mg	Analyst:	
Analyzed:	07 Jan-10 11:06	Analysis:	Parametric-Two Sample	Diluent:	Laboratory Seawater
Batch ID:	18-5533-9617	Test Type:	Growth-Survival (7d)	Brine:	Not Applicable
Start Date:	08 Dec-09 16:02	Protocol:	EPA/821/R-02-014 (2002)	Age:	7-10
Ending Date:	15 Dec-09 14:00	Species:	Menidia beryllina		
Duration:	6d 22h	Source:	Aquatic Biosystems, CO	Client:	VCWPD
Sample ID:	11-7422-7925	Code:	VCF1209070m	Project:	NPDES Stormwater Monitoring Progra
Sample Date:	07 Dec-09 16:30	Material:	Sample Water		
Receive Date:	07 Dec-09 18:30	Source:	Bioassay Report		
Sample Age:	24h (3.3 °C)	Station:	ME-SCR		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	24.89%

Equal Variance t Two-Sample Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	-2.826	1.943	0.06722	0.9849	Non-Significant Effect
		12.5	-3.333	1.943	0.1594	0.9921	Non-Significant Effect
		25	-3.24	1.943	0.1604	0.9912	Non-Significant Effect
		50	-4.118	1.943	0.1468	0.9969	Non-Significant Effect
		100	-3.673	1.943	0.1591	0.9948	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.6392	0.5 - NL	Yes	Result Within Limits
PMSD	0.2489	0.11 - 0.28	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.977	2.802	0.9697	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.3298407	0.06596815	5	4.257	0.0099	Significant Effect
Error	0.2789181	0.01549545	18			
Total	0.6087589	0.0814636	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	7.573	15.09	0.1814	Equal Variances
Variances	Mod Levene Equality of Variance	1.121	4.248	0.3845	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9732		0.7466	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.09805	0.2056	0.8707	Normal Distribution
Distribution	D'Agostino Skewness	0.1465	2.576	0.8835	Normal Distribution
Distribution	D'Agostino Kurtosis	0.09536	2.576	0.9240	Normal Distribution
Distribution	D'Agostino Omnibus	0.03056	9.21	0.9848	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.6392	0.6155	0.663	0.57	0.719	0.01161	0.06251	9.78%	0.0%
6.25		4	0.737	0.7257	0.7483	0.71	0.77	0.005505	0.02964	4.02%	-15.29%
12.5		4	0.9128	0.855	0.9705	0.695	1.038	0.02817	0.1517	16.62%	-42.79%
25		4	0.9067	0.8486	0.9649	0.725	1.079	0.02838	0.1528	16.85%	-41.85%
50		4	0.9502	0.8979	1.003	0.808	1.129	0.02553	0.1375	14.47%	-48.65%
100		4	0.94	0.8824	0.9976	0.784	1.141	0.0281	0.1513	16.1%	-47.05%

Analyst: _____ QA: pass

CETIS Analytical Report

Test Code: 04-9699-8322/VCF1209070m

Inland Silverside 7-d Larval Survival and Growth Test

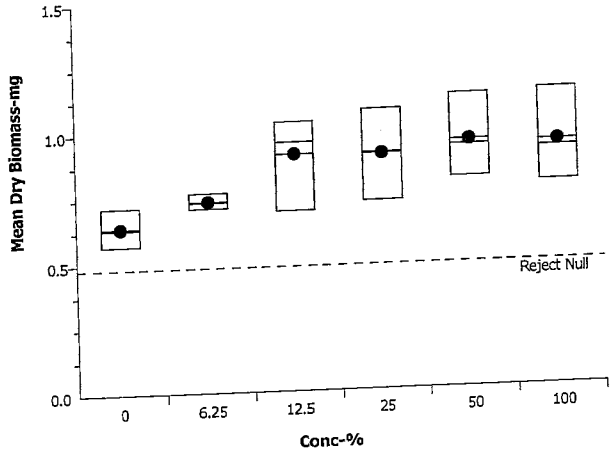
Aquatic Bioassay & Consulting Labs, Inc.

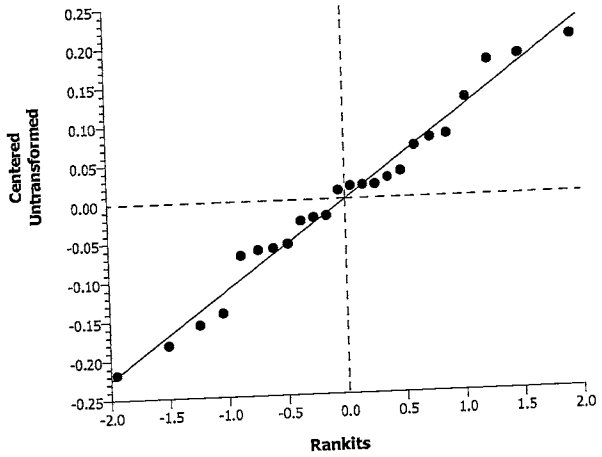
Analysis ID:	03-7874-1884	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 11:06	**Analysis:**	Parametric-Two Sample	**Official Results:**	Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.618	0.57	0.719	0.65
6.25		0.714	0.77	0.71	0.754
12.5		0.695	0.93	1.038	0.988
25		0.972	0.851	0.725	1.079
50		0.808	0.888	1.129	0.976
100		0.879	0.784	0.956	1.141

Graphics





CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

Analysis ID:	05-8654-7909	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 11:01	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	18-5533-9617	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:02	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	11-7422-7925	**Code:**	VCF1209070m	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-SCR		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	23.95%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		6.25	14	10	1	0.3451	Non-Significant Effect
		12.5	16.5	10	4	0.6742	Non-Significant Effect
		25	18	10	2	0.8333	Non-Significant Effect
		50	18	10	4	0.8333	Non-Significant Effect
		100	17.5	10	3	0.7867	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9	0.8 - NL	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.813	2.802	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.07258851	0.0145177	5	0.4942	0.7764	Non-Significant Effect
Error	0.5287716	0.0293762	18			
Total	0.6013601	0.0438939	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	2.156	15.09	0.8272	Equal Variances
Variances	Mod Levene Equality of Variance	0.6274	4.248	0.6812	Equal Variances
Distribution	Shapiro-Wilk Normality	0.8794		0.0081	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.2066	0.2056	0.0094	Non-normal Distribution
Distribution	D'Agostino Skewness	1.277	2.576	0.2017	Normal Distribution
Distribution	D'Agostino Kurtosis	1.259	2.576	0.2079	Normal Distribution
Distribution	D'Agostino Omnibus	3.217	9.21	0.2002	Normal Distribution

CETIS Analytical Report

Test Code: 04-9699-8322/VCF1209070m

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 05-8654-7909 Endpoint: 7d Survival Rate CETIS Version: CETISv1.7.0
Analyzed: 07 Jan-10 11:01 Analysis: Nonparametric-Control vs Treatments Official Results: Yes

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9	0.8462	0.9538	0.7	1	0.02626	0.1414	15.71%	0.0%
6.25		4	0.8	0.7462	0.8538	0.6	0.9	0.02626	0.1414	17.68%	11.11%
12.5		4	0.875	0.8271	0.9229	0.7	1	0.02337	0.1258	14.38%	2.78%
25		4	0.9	0.8561	0.9439	0.8	1	0.02144	0.1155	12.83%	0.0%
50		4	0.9	0.8462	0.9538	0.7	1	0.02626	0.1414	15.71%	0.0%
100		4	0.925	0.906	0.944	0.9	1	0.009285	0.05	5.41%	-2.78%

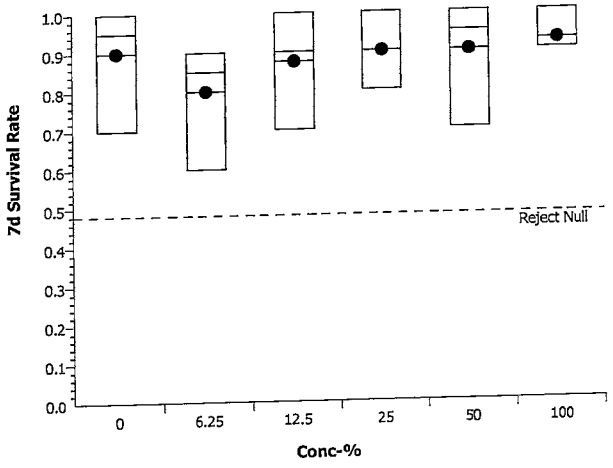
Angular (Corrected) Transformed Summary

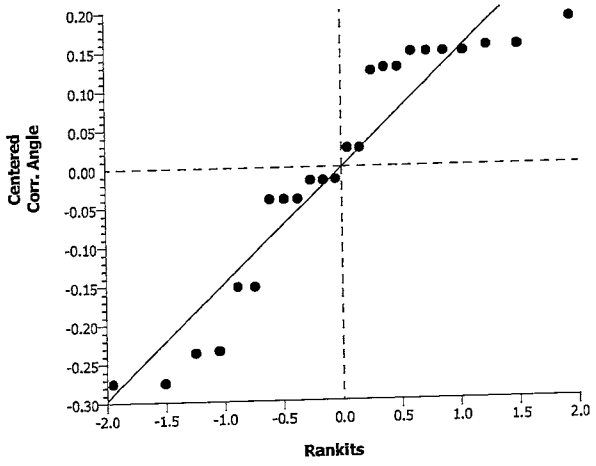
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.266	1.19	1.342	0.9912	1.412	0.0369	0.1987	15.7%	0.0%
6.25		4	1.123	1.058	1.188	0.8861	1.249	0.03183	0.1714	15.27%	11.31%
12.5		4	1.225	1.159	1.291	0.9912	1.412	0.03231	0.174	14.2%	3.22%
25		4	1.26	1.193	1.327	1.107	1.412	0.03269	0.176	13.97%	0.51%
50		4	1.266	1.19	1.342	0.9912	1.412	0.0369	0.1987	15.7%	0.0%
100		4	1.29	1.259	1.321	1.249	1.412	0.01513	0.08149	6.32%	-1.87%

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	0.7	0.9	1
6.25		0.9	0.9	0.6	0.8
12.5		0.7	1	0.9	0.9
25		1	1	0.8	0.8
50		1	1	0.9	0.7
100		0.9	0.9	0.9	1

Graphics





CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	06-6180-7563	Endpoint:	Mean Dry Biomass-mg	CETIS Version:	CETISv1.7.0
Analyzed:	07 Jan-10 11:06	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes
Batch ID:	18-5533-9617	Test Type:	Growth-Survival (7d)	Analyst:	
Start Date:	08 Dec-09 16:02	Protocol:	EPA/821/R-02-014 (2002)	Diluent:	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	Species:	Menidia beryllina	Brine:	Not Applicable
Duration:	6d 22h	Source:	Aquatic Biosystems, CO	Age:	7-10
Sample ID:	11-7422-7925	Code:	VCF1209070m	Client:	VCWPD
Sample Date:	07 Dec-09 16:30	Material:	Sample Water	Project:	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	Source:	Bioassay Report		
Sample Age:	24h (3.3 °C)	Station:	ME-SCR		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	2895625	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.6392	0.5 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.977	2.802	0.9697	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	N/A	N/A
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Dry Biomass-mg Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.6392	0.57	0.719	0.01141	0.06251	9.78%	0.0%
6.25		4	0.737	0.71	0.77	0.005412	0.02964	4.02%	-15.29%
12.5		4	0.9128	0.695	1.038	0.0277	0.1517	16.62%	-42.79%
25		4	0.9067	0.725	1.079	0.0279	0.1528	16.85%	-41.85%
50		4	0.9502	0.808	1.129	0.0251	0.1375	14.47%	-48.65%
100		4	0.94	0.784	1.141	0.02763	0.1513	16.1%	-47.05%

Mean Dry Biomass-mg Detail

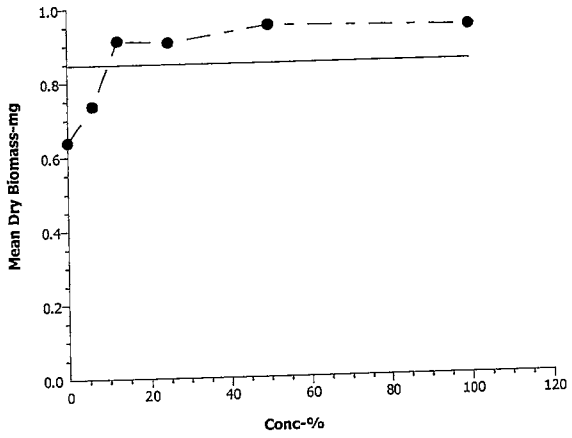
Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.618	0.57	0.719	0.65
6.25		0.714	0.77	0.71	0.754
12.5		0.695	0.93	1.038	0.988
25		0.972	0.851	0.725	1.079
50		0.808	0.888	1.129	0.976
100		0.879	0.784	0.956	1.141

CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	06-6180-7563	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 11:06	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Inland Silverside 7-d Larval Survival and Growth Test

Analysis ID:	20-3259-2002	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 11:01	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	18-5533-9617	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:02	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	11-7422-7925	**Code:**	VCF1209070m	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-SCR		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	5795186	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9	0.8 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.813	2.802	1.0000	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)							
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	0.9	0.7	1	0.02582	0.1414	15.71%	0.0%	36	40
6.25		4	0.8	0.6	0.9	0.02582	0.1414	17.68%	11.11%	32	40
12.5		4	0.875	0.7	1	0.02297	0.1258	14.38%	2.78%	35	40
25		4	0.9	0.8	1	0.02108	0.1155	12.83%	0.0%	36	40
50		4	0.9	0.7	1	0.02582	0.1414	15.71%	0.0%	36	40
100		4	0.925	0.9	1	0.009129	0.05	5.41%	-2.78%	37	40

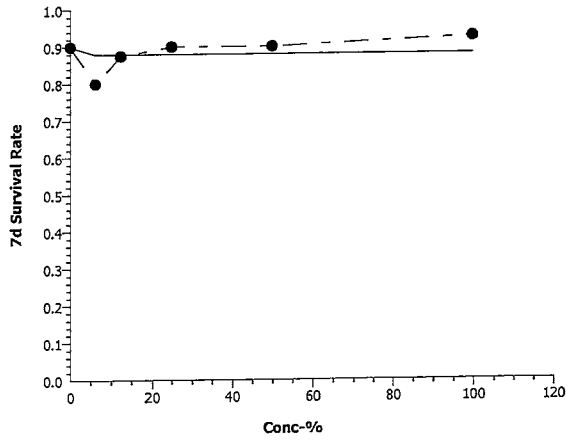
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	0.7	0.9	1
6.25		0.9	0.9	0.6	0.8
12.5		0.7	1	0.9	0.9
25		1	1	0.8	0.8
50		1	1	0.9	0.7
100		0.9	0.9	0.9	1

Inland Silverside 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	20-3259-2002	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 11:01	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	18-5533-9617	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:02	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	11-7422-7925	**Code:**	VCF1209070m	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-SCR		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	6.5	6.335	6.665	6	7	0.08116	0.487	7.49%	0
6.25		8	6.275	6.067	6.483	5.3	7	0.1023	0.6135	9.78%	0
12.5		8	6.175	5.989	6.361	5.6	7	0.09161	0.5497	8.9%	0
25		8	6.3	6.134	6.466	5.7	7	0.08165	0.4899	7.78%	0
50		8	6.3	6.16	6.44	5.8	7	0.06901	0.414	6.57%	0
100		8	6.35	6.211	6.489	5.8	7	0.06843	0.4106	6.47%	0
Overall		48	6.317			5.3	7				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.888	7.866	7.909	7.8	8	0.01068	0.06408	0.81%	0
6.25		8	7.913	7.901	7.924	7.9	8	0.005889	0.03533	0.45%	0
12.5		8	7.888	7.876	7.899	7.8	7.9	0.005889	0.03533	0.45%	0
25		8	7.888	7.876	7.899	7.8	7.9	0.005889	0.03533	0.45%	0
50		8	7.875	7.859	7.891	7.8	7.9	0.007713	0.04628	0.59%	0
100		8	7.913	7.891	7.934	7.8	8	0.01068	0.06408	0.81%	0
Overall		48	7.894			7.8	8				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	34	34	34	34	34	0	0	0.0%	0
6.25		8	34	34	34	34	34	0	0	0.0%	0
12.5		8	34	34	34	34	34	0	0	0.0%	0
25		8	34	34	34	34	34	0	0	0.0%	0
50		8	34	34	34	34	34	0	0	0.0%	0
100		8	34	34	34	34	34	0	0	0.0%	0
Overall		48	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.04	24.02	24.05	24	24.1	0.008611	0.05167	0.22%	0
6.25		8	24.05	24.03	24.07	24	24.1	0.00889	0.05334	0.22%	0
12.5		8	24.06	24.04	24.09	24	24.2	0.01239	0.07432	0.31%	0
25		8	24.05	24.03	24.07	24	24.1	0.00889	0.05334	0.22%	0
50		8	24.06	24.04	24.09	24	24.2	0.01239	0.07432	0.31%	0
100		8	24.06	24.04	24.09	24	24.2	0.01239	0.07432	0.31%	0
Overall		48	24.05			24	24.2				0 (0%)

CETIS Measurement Report

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	6	6	6	7	6.9	7	6.9	6.2
6.25		6.2	5.3	5.6	6.3	6.8	7	6.9	6.1
12.5		6.3	5.6	5.6	6.2	5.7	6.9	7	6.1
25		6.2	5.7	5.7	6.2	6.7	6.8	7	6.1
50		6.2	5.9	5.8	6.3	6.5	6.7	7	6
100		6.1	6.1	5.8	6.6	6.5	6.7	7	6

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.9	7.8	7.8	8	7.9	7.9	7.9	7.9
6.25		7.9	8	7.9	7.9	7.9	7.9	7.9	7.9
12.5		7.9	7.9	7.8	7.9	7.9	7.9	7.9	7.9
25		7.9	7.9	7.8	7.9	7.9	7.9	7.9	7.9
50		7.9	7.9	7.8	7.9	7.8	7.9	7.9	7.9
100		8	8	7.9	7.9	7.8	7.9	7.9	7.9

Salinity-ppt

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	34	34	34	34	34	34	34	34
6.25		34	34	34	34	34	34	34	34
12.5		34	34	34	34	34	34	34	34
25		34	34	34	34	34	34	34	34
50		34	34	34	34	34	34	34	34
100		34	34	34	34	34	34	34	34

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24	24	24	24.1	24	24	24.1	24.1
6.25		24	24	24	24	24.1	24.1	24.1	24.1
12.5		24	24	24	24.1	24.1	24.1	24	24.2
25		24	24	24	24.1	24.1	24	24.1	24.1
50		24	24	24	24.1	24.1	24	24.2	24.1
100		24	24	24	24.1	24.1	24	24.2	24.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/821/R-02-014.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-SCR
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.070

CHRONIC TOPSMELT SURVIVAL AND GROWTH BIOASSAY

Survival	NOEC	=	100.00
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
Biomass	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	53.7 %
	IC50	=	76.55 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

Analysis ID:	00-8910-5221	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:46	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	13-1238-9483	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	15-3836-8945	**Code:**	VCF1209070t	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-SCR		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	13.49%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		50*	3.274	2.108	0.1594	0.0062	Significant Effect
		100	0.9256	2.108	0.1594	0.2923	Non-Significant Effect

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.298	2.548	0.1630	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.1629161	0.08145805	2	5.697	0.0182	Significant Effect
Error	0.1715714	0.01429761	12			
Total	0.3344875	0.09575567	14			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	2.744	9.21	0.2536	Equal Variances
Variances	Mod Levene Equality of Variance	1.907	8.022	0.2039	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9618		0.7244	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1291	0.2542	0.8145	Normal Distribution
Distribution	D'Agostino Skewness	0.9537	2.576	0.3403	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	1.182	1.117	1.246	1.008	1.436	0.0315	0.1696	14.36%	0.0%
50		5	0.934	0.9058	0.9622	0.802	0.976	0.01377	0.07416	7.94%	20.95%
100		5	1.112	1.076	1.147	1.01	1.238	0.01724	0.09283	8.35%	5.92%

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

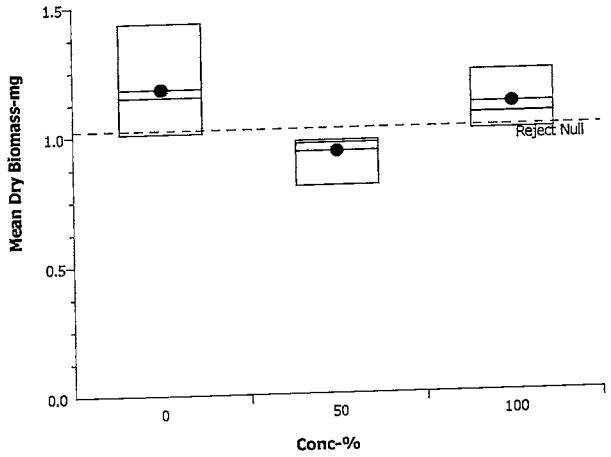
Pacific Topsmelt 7-d Survival and Growth Test

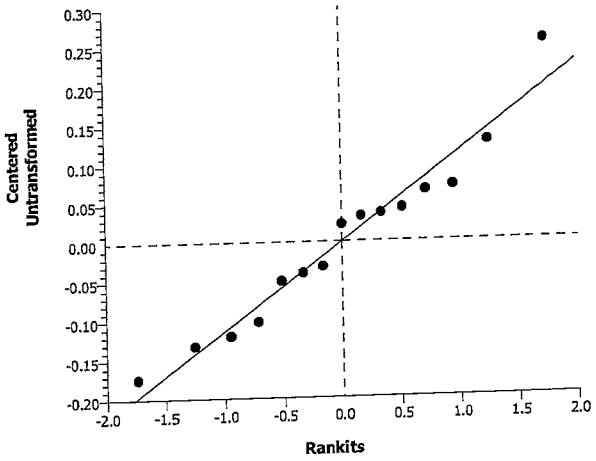
Analysis ID:	00-8910-5221	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:46	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.062	1.436	1.008	1.252	1.15
50		0.966	0.97	0.802	0.956	0.976
100		1.176	1.01	1.072	1.062	1.238

Graphics





Analyst: _____ QA: _____

CETIS Analytical Report

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	21-1796-2872	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:43	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	13-1238-9483	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	15-3836-8945	**Code:**	VCF1209070t	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-SCR		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	9.16%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		50	25	18	1	0.4442	Non-Significant Effect
		100	27.5	18	1	0.6667	Non-Significant Effect

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	3.347	2.548	<0.0001	Outlier Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.007561053	0.003780527	2	1	0.3966	Non-Significant Effect
Error	0.04536632	0.003780527	12			
Total	0.05292737	0.007561053	14			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	1	8.022	0.4053	Equal Variances
Distribution	Shapiro-Wilk Normality	0.5586		<0.0001	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.4333	0.2542	<0.0001	Non-normal Distribution
Distribution	D'Agostino Skewness	3.998	2.576	<0.0001	Non-normal Distribution

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	1	1	1	1	1	0	0	0.0%	0.0%
50		5	0.96	0.926	0.994	0.8	1	0.01661	0.08944	9.32%	4.0%
100		5	1	1	1	1	1	0	0	0.0%	0.0%

Angular (Corrected) Transformed Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	5	1.345	1.345	1.345	1.345	1.345	0	0	0.0%	0.0%
50		5	1.298	1.257	1.338	1.107	1.345	0.01978	0.1065	8.21%	3.54%
100		5	1.345	1.345	1.345	1.345	1.345	0	0	0.0%	0.0%

CETIS Analytical Report

Pacific Topsmelt 7-d Survival and Growth Test

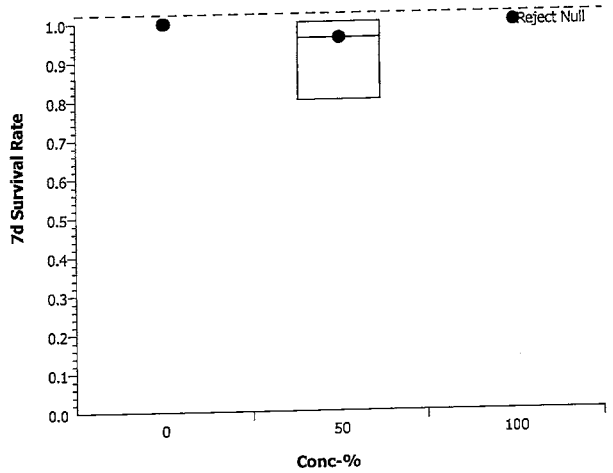
Aquatic Bioassay & Consulting Labs, Inc.

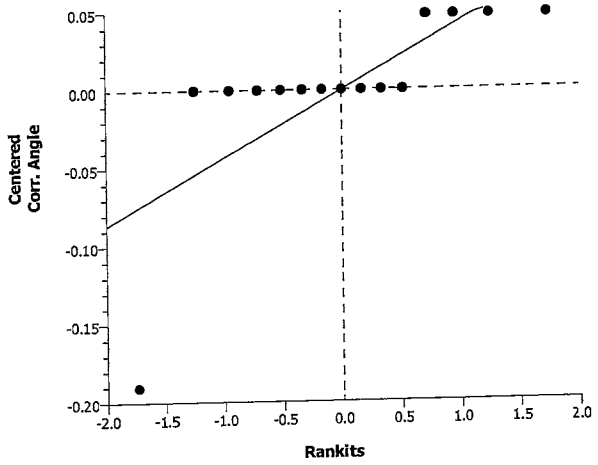
Analysis ID: 21-1796-2872 Endpoint: 7d Survival Rate CETIS Version: CETISv1.7.0
Analyzed: 07 Jan-10 14:43 Analysis: Nonparametric-Control vs Treatments Official Results: Yes

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
50		0.8	1	1	1	1
100		1	1	1	1	1

Graphics





CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

Analysis ID:	09-5584-7386	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:44	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	13-1238-9483	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	15-3836-8945	**Code:**	VCF1209070t	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-SCR		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	140176	280	Yes	Two-Point Interpolation

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	11.93	6.878	51.83	8.382	1.929	14.54
IC10	23.86	13.76	N/A	4.191	N/A	7.27
IC15	35.79	20.63	N/A	2.794	N/A	4.846
IC20	47.72	27.51	N/A	2.095	N/A	3.635
IC25	53.7	37.37	N/A	1.862	N/A	2.676
IC40	67.41	47.93	N/A	1.484	N/A	2.086
IC50	76.55	47.42	N/A	1.306	N/A	2.109

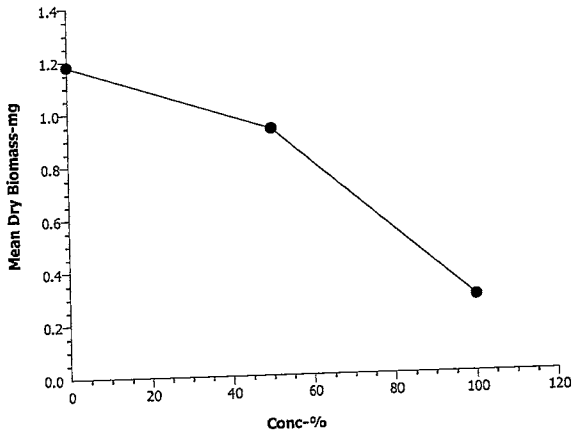
Mean Dry Biomass-mg Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	1.182	1.008	1.436	0.03097	0.1696	14.36%	0.0%
50		5	0.934	0.802	0.976	0.01354	0.07416	7.94%	20.95%
100		5	0.2876	-2.882	1.176	0.3237	1.773	616.4%	75.66%

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.062	1.436	1.008	1.252	1.15
50		0.966	0.97	0.802	0.956	0.976
100		1.176	1.01	1.072	1.062	-2.882

Graphics



CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

Analysis ID:	05-1484-4443	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:44	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	13-1238-9483	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	15-3836-8945	**Code:**	VCF1209070t	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-SCR		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	140176	280	Yes	Two-Point Interpolation

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

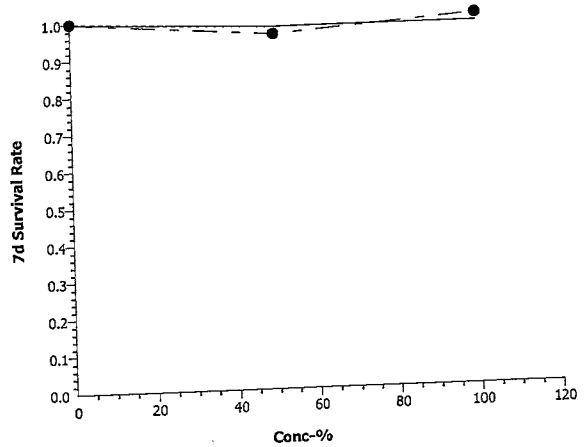
7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	5	1	1	1	0	0	0.0%	0.0%	25	25
50		5	0.96	0.8	1	0.01633	0.08944	9.32%	4.0%	24	25
100		5	1	1	1	0	0	0.0%	0.0%	25	25

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
50		0.8	1	1	1	1
100		1	1	1	1	1

Graphics



CETIS Measurement Report

Pacific Topsmelt 7-d Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	13-1238-9483	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:01	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	15-3836-8945	**Code:**	VCF1209070t	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	24h (3.3 °C)	**Station:**	ME-SCR		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	6.475	6.299	6.651	5.8	7	0.08672	0.5203	8.04%	0
50		8	6.4	6.167	6.633	5.3	7.1	0.1148	0.6887	10.76%	0
100		8	6.363	6.173	6.552	5.5	6.9	0.09341	0.5605	8.81%	0
Overall		24	6.413			5.3	7.1				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.888	7.866	7.909	7.8	8	0.01068	0.06408	0.81%	0
50		8	7.913	7.901	7.924	7.9	8	0.005889	0.03533	0.45%	0
100		8	7.938	7.92	7.955	7.9	8	0.008624	0.05174	0.65%	0
Overall		24	7.913			7.8	8				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	34	34	34	34	34	0	0	0.0%	0
50		8	34	34	34	34	34	0	0	0.0%	0
100		8	34	34	34	34	34	0	0	0.0%	0
Overall		24	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	21.08	21.02	21.13	21	21.4	0.0248	0.1488	0.71%	0
50		8	21.08	21.02	21.13	21	21.4	0.0248	0.1488	0.71%	0
100		8	21.08	21.02	21.13	21	21.4	0.0248	0.1488	0.71%	0
Overall		24	21.08			21	21.4				0 (0%)

CETIS Measurement Report

Report Date:
Test Code: 02-6173-8275/VCF1209070t

Pacific Topsmelt 7-d Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	6	6	5.8	7	6.9	7	6.9	6.2
50		6.1	5.3	5.5	6.6	6.8	7	6.8	7.1
100		6.1	5.5	5.6	6.7	6.8	6.9	6.8	6.5

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.9	7.8	7.8	8	7.9	7.9	7.9	7.9
50		8	7.9	7.9	7.9	7.9	7.9	7.9	7.9
100		8	8	8	7.9	7.9	7.9	7.9	7.9

Salinity-ppt

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	34	34	34	34	34	34	34	34
50		34	34	34	34	34	34	34	34
100		34	34	34	34	34	34	34	34

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	21	21	21.2	21.4	21	21	21	21
50		21	21	21.2	21	21.4	21	21	21
100		21	21	21.2	21.4	21	21	21	21

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/R-95/136.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-VR2
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.071

CHRONIC KELP GERMINATION AND GROWTH BIOASSAY

Germination	NOEC =	100.00
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
Tube Length	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Test Code: 19-3122-6640/VCF1209071k

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	02-8829-1092	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:36	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	14-1179-2677	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 13:11	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 13:11	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	07-6008-7485	**Code:**	VCF1209071k	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	22h (3.3 °C)	**Station:**	ME-VR2		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	7.46%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	-0.1223	2.362	1.158	0.8669	Non-Significant Effect
		12.5	0.2447	2.362	1.158	0.7511	Non-Significant Effect
		25	0.4894	2.362	1.158	0.6516	Non-Significant Effect
		50	0.08156	2.362	1.158	0.8081	Non-Significant Effect
		100	0.04078	2.362	1.158	0.8210	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	15.52	10 - NL	Yes	Result Within Limits
PMSD	0.07463	NL - 0.2	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.871	2.908	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.2800001	0.05600002	5	0.09313	0.9925	Non-Significant Effect
Error	14.43199	0.601333	24			
Total	14.71199	0.657333	29			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	3.15	15.09	0.6769	Equal Variances
Variances	Mod Levene Equality of Variance	0.8569	4.248	0.5283	Equal Variances
Distribution	Shapiro-Wilk Normality	0.966		0.4366	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1146	0.1853	0.3894	Normal Distribution
Distribution	D'Agostino Skewness	0.4251	2.576	0.6708	Normal Distribution
Distribution	D'Agostino Kurtosis	1.3	2.576	0.1935	Normal Distribution
Distribution	D'Agostino Omnibus	1.872	9.21	0.3923	Normal Distribution

Mean Length Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	15.52	15.19	15.85	14.3	16.4	0.1605	0.8643	5.57%	0.0%
6.25		5	15.58	15.43	15.73	15.2	16.2	0.07358	0.3962	2.54%	-0.39%
12.5		5	15.4	15.08	15.72	14.3	16.3	0.1587	0.8544	5.55%	0.77%
25		5	15.28	15.01	15.55	14.3	16	0.1296	0.6979	4.57%	1.55%
50		5	15.48	15.1	15.86	14.2	16.8	0.1873	1.008	6.52%	0.26%
100		5	15.5	15.24	15.76	14.6	16.4	0.1273	0.6856	4.42%	0.13%

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

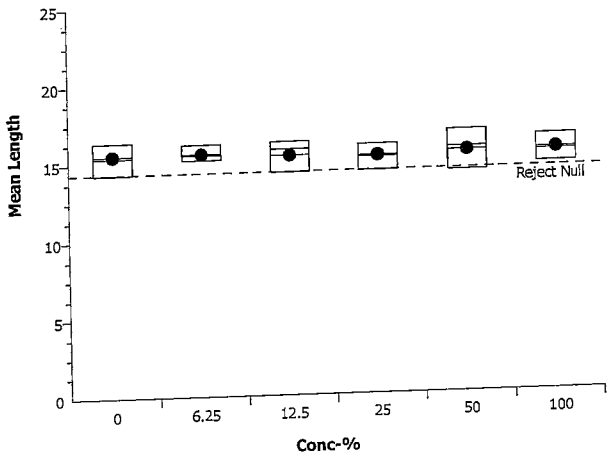
Macrocystis Germination and Germ Tube Growth Test

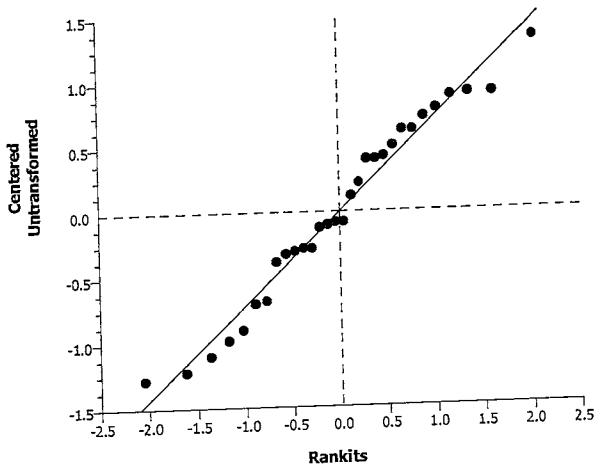
Analysis ID: 02-8829-1092 **Endpoint:** Mean Length **CETIS Version:** CETISv1.7.0
Analyzed: 11 Jan-10 14:36 **Analysis:** Parametric-Control vs Treatments **Official Results:** Yes

Mean Length Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14.3	16.4	15.2	16.3	15.4
6.25		15.5	15.3	15.7	15.2	16.2
12.5		14.7	15.9	16.3	15.8	14.3
25		16	14.3	15.9	15	15.2
50		14.2	15.7	16.8	15.9	14.8
100		16.4	15.2	14.6	15.4	15.9

Graphics





Analyst: _____ QA: _____

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	05-8735-1143	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:36	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	14-1179-2677	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 13:11	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 13:11	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	07-6008-7485	**Code:**	VCF1209071k	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	22h (3.3 °C)	**Station:**	ME-VR2		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	3.44%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	0.5406	2.362	0.04963	0.6291	Non-Significant Effect
		12.5	0.4729	2.362	0.04963	0.6587	Non-Significant Effect
		25	-0.5138	2.362	0.04963	0.9420	Non-Significant Effect
		50	1.687	2.362	0.04963	0.1687	Non-Significant Effect
		100	0.1292	2.362	0.04963	0.7923	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.902	0.7 - NL	Yes	Result Within Limits
PMSD	0.03437	NL - 0.2	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.086	2.908	0.9378	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.006067442	0.001213488	5	1.099	0.3867	Non-Significant Effect
Error	0.02649863	0.00110411	24			
Total	0.03256608	0.002317598	29			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	3.053	15.09	0.6918	Equal Variances
Variances	Mod Levene Equality of Variance	0.5905	4.248	0.7073	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9855		0.9452	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1003	0.1853	0.6184	Normal Distribution
Distribution	D'Agostino Skewness	0.397	2.576	0.6914	Normal Distribution
Distribution	D'Agostino Kurtosis	0.3358	2.576	0.7370	Normal Distribution
Distribution	D'Agostino Omnibus	0.2704	9.21	0.8735	Normal Distribution

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

Analysis ID: 05-8735-1143 **Endpoint:** Germination Rate **CETIS Version:** CETISv1.7.0
Analyzed: 11 Jan-10 14:36 **Analysis:** Parametric-Control vs Treatments **Official Results:** Yes

Germination Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	0.902	0.8964	0.9076	0.88	0.92	0.002754	0.01483	1.64%	0.0%
6.25		5	0.894	0.8827	0.9053	0.86	0.93	0.005509	0.02966	3.32%	0.89%
12.5		5	0.896	0.8902	0.9018	0.88	0.92	0.002816	0.01517	1.69%	0.67%
25		5	0.908	0.9007	0.9153	0.88	0.93	0.003572	0.01923	2.12%	-0.67%
50		5	0.88	0.874	0.886	0.86	0.9	0.002936	0.01581	1.8%	2.44%
100		5	0.9	0.8915	0.9085	0.86	0.91	0.004152	0.02236	2.48%	0.22%

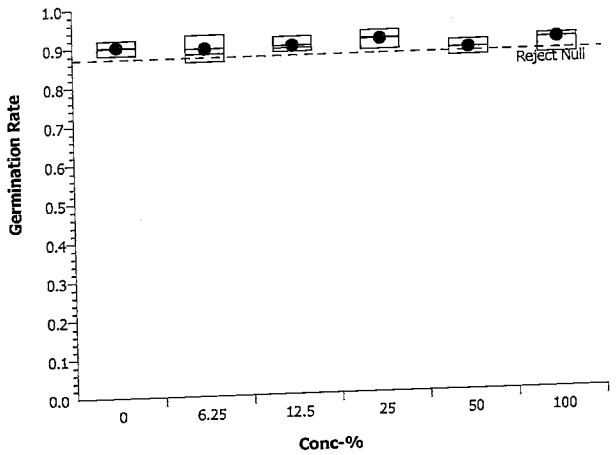
Angular (Corrected) Transformed Summary

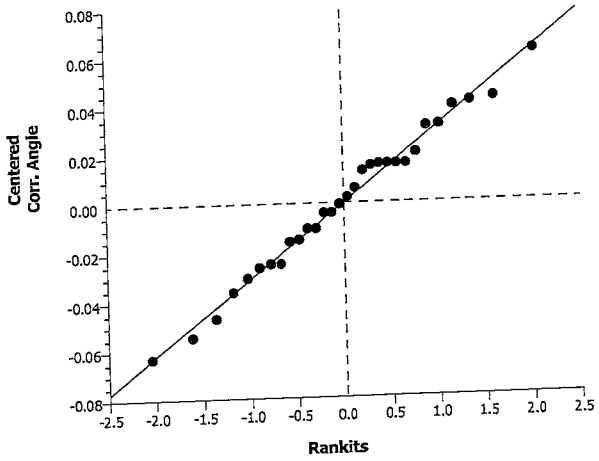
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	5	1.253	1.244	1.262	1.217	1.284	0.004604	0.02479	1.98%	0.0%
6.25		5	1.242	1.223	1.26	1.187	1.303	0.009158	0.04932	3.97%	0.91%
12.5		5	1.243	1.233	1.253	1.217	1.284	0.004739	0.02552	2.05%	0.79%
25		5	1.264	1.251	1.276	1.217	1.303	0.006129	0.033	2.61%	-0.86%
50		5	1.218	1.208	1.227	1.187	1.249	0.004531	0.0244	2.0%	2.83%
100		5	1.25	1.237	1.264	1.187	1.266	0.006544	0.03524	2.82%	0.22%

Germination Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.88	0.9	0.91	0.9	0.92
6.25		0.88	0.88	0.86	0.93	0.92
12.5		0.9	0.92	0.89	0.88	0.89
25		0.91	0.92	0.93	0.9	0.88
50		0.87	0.88	0.89	0.86	0.9
100		0.91	0.86	0.91	0.91	0.91

Graphics





Analyst: QA:

CETIS Analytical Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	00-7219-0700	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:36	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	14-1179-2677	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 13:11	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 13:11	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	07-6008-7485	**Code:**	VCF1209071k	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	22h (3.3 °C)	**Station:**	ME-VR2		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	6478212	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	15.52	10 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.871	2.908	1.0000	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	N/A	N/A
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Length Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	15.52	14.3	16.4	0.1578	0.8643	5.57%	0.0%
6.25		5	15.58	15.2	16.2	0.07234	0.3962	2.54%	-0.39%
12.5		5	15.4	14.3	16.3	0.156	0.8544	5.55%	0.77%
25		5	15.28	14.3	16	0.1274	0.6979	4.57%	1.55%
50		5	15.48	14.2	16.8	0.1841	1.008	6.52%	0.26%
100		5	15.5	14.6	16.4	0.1252	0.6856	4.42%	0.13%

Mean Length Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	14.3	16.4	15.2	16.3	15.4
6.25		15.5	15.3	15.7	15.2	16.2
12.5		14.7	15.9	16.3	15.8	14.3
25		16	14.3	15.9	15	15.2
50		14.2	15.7	16.8	15.9	14.8
100		16.4	15.2	14.6	15.4	15.9

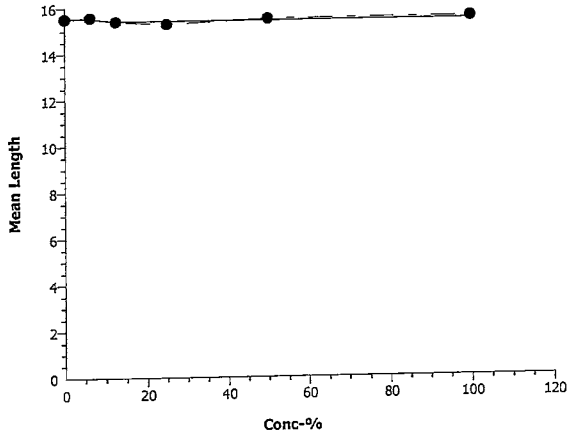
CETIS Analytical Report

Test Code: 19-3122-6640/VCF1209071k

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	00-7219-0700	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:36	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Macrocystis Germination and Germ Tube Growth Test

Analysis ID:	09-7195-8401	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:36	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	14-1179-2677	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 13:11	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 13:11	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	07-6008-7485	**Code:**	VCF1209071k	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	22h (3.3 °C)	**Station:**	ME-VR2		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	6478212	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.902	0.7 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.086	2.908	0.9378	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

Germination Rate Summary

			Calculated Variate(A/B)							
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	5	0.902	0.88	0.92	0.002708	0.01483	1.64%	0.0%	451	500
6.25		5	0.894	0.86	0.93	0.005416	0.02966	3.32%	0.89%	447	500
12.5		5	0.896	0.88	0.92	0.002769	0.01517	1.69%	0.67%	448	500
25		5	0.908	0.88	0.93	0.003512	0.01923	2.12%	-0.67%	454	500
50		5	0.88	0.86	0.9	0.002887	0.01581	1.8%	2.44%	440	500
100		5	0.9	0.86	0.91	0.004082	0.02236	2.48%	0.22%	450	500

Germination Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.88	0.9	0.91	0.9	0.92
6.25		0.88	0.88	0.86	0.93	0.92
12.5		0.9	0.92	0.89	0.88	0.89
25		0.91	0.92	0.93	0.9	0.88
50		0.87	0.88	0.89	0.86	0.9
100		0.91	0.86	0.91	0.91	0.91

Analyst: QA:

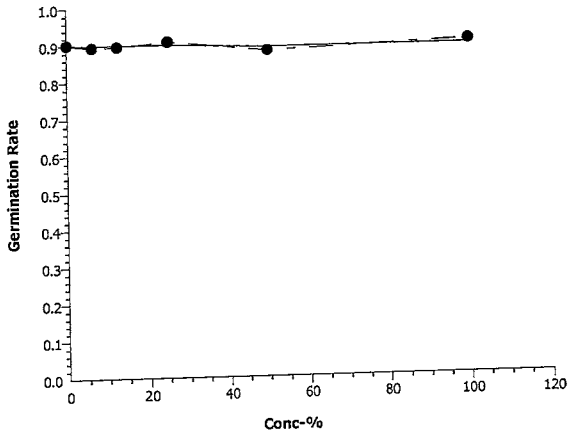
CETIS Analytical Report

Test Code: 19-3122-6640/VCF1209071k

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	09-7195-8401	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 14:36	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Analyst: _____ QA: _____

CETIS Measurement Report

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	14-1179-2677	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 13:11	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 13:11	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	07-6008-7485	**Code:**	VCF1209071k	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	22h (3.3 °C)	**Station:**	ME-VR2		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.95	6.495	7.405	6	7.9	0.2239	1.344	19.33%	0
6.25		2	6.3	6.013	6.587	5.7	6.9	0.1414	0.8485	13.47%	0
12.5		2	6.05	5.835	6.265	5.6	6.5	0.1061	0.6364	10.52%	0
25		2	6.1	5.861	6.339	5.6	6.6	0.1179	0.7071	11.59%	0
50		2	6.15	5.935	6.365	5.7	6.6	0.1061	0.6364	10.35%	0
100		2	6.2	5.961	6.439	5.7	6.7	0.1179	0.7071	11.4%	0
Overall		12	6.292			5.6	7.9				0 (0%)

Total Ammonia (N)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	0			0	0	0	0		0
100		2	0	0	0	0	0	0	0		0
Overall		3	0			0	0				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
6.25		2	8	7.952	8.048	7.9	8.1	0.02357	0.1414	1.77%	0
12.5		2	8.05	8.026	8.074	8	8.1	0.01179	0.07073	0.88%	0
25		2	8.05	8.026	8.074	8	8.1	0.01179	0.07073	0.88%	0
50		2	8.1	8.099	8.101	8.1	8.1	0	0	0.0%	0
100		2	8.1	8.099	8.101	8.1	8.1	0	0	0.0%	0
Overall		12	8.042			7.9	8.1				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
6.25		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
12.5		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
25		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
50		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
100		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
Overall		12	14.96			14.8	15.1				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	7.9	6
6.25		6.9	5.7
12.5		6.5	5.6
25		6.6	5.6
50		6.6	5.7
100		6.7	5.7

Total Ammonia (N)-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	0	
100		0	0

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	8	7.9
6.25		8.1	7.9
12.5		8.1	8
25		8.1	8
50		8.1	8.1
100		8.1	8.1

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	14.9	15.1
6.25		14.8	15.1
12.5		14.8	15.1
25		14.8	15.1
50		14.8	15.1
100		14.8	15.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receiving Waters to West Coast Marine and Estuarine Organisms, EPA-600/R95/136, 1995*. Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-VR2
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.071

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

NOEC = 50.00 %
TUc = 2.00

IC25 = >100.00 %
IC50 = >100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	16-8565-6139	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:32	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	11-3196-0453	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:03	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:03	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	08-0345-2387	**Code:**	VCF1209071u	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	21h (3.3 °C)	**Station:**	ME-VR2		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	50	100	70.71	2	0.49%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		6.25	18	10	1	0.8333	Non-Significant Effect
		12.5	18	10	1	0.8333	Non-Significant Effect
		25	18	10	1	0.8333	Non-Significant Effect
		50	18	10	1	0.8333	Non-Significant Effect
		100*	10	10	0	0.0417	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.7 - NL	Yes	Result Within Limits
PMSD	0.004886	NL - 0.25	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	3.698	2.802	0.0001	Outlier Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.252189	0.0504378	5	367.6	<0.0001	Significant Effect
Error	0.002469879	0.0001372155	18			
Total	0.2546589	0.05057502	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	6.282	4.248	0.0015	Unequal Variances
Distribution	Shapiro-Wilk Normality	0.4983		<0.0001	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.4167	0.2056	<0.0001	Non-normal Distribution
Distribution	D'Agostino Skewness	2.577	2.576	0.0100	Non-normal Distribution
Distribution	D'Agostino Kurtosis	3.952	2.576	<0.0001	Non-normal Distribution
Distribution	D'Agostino Omnibus	22.26	9.21	<0.0001	Non-normal Distribution

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID: 16-8565-6139 **Endpoint:** Fertilization Rate **CETIS Version:** CETISv1.7.0
Analyzed: 11 Jan-10 10:32 **Analysis:** Nonparametric-Control vs Treatments **Official Results:** Yes

Fertilization Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1	1	1	1	1	0	0	0.0%	0.0%
6.25		4	1	1	1	1	1	0	0	0.0%	0.0%
12.5		4	1	1	1	1	1	0	0	0.0%	0.0%
25		4	1	1	1	1	1	0	0	0.0%	0.0%
50		4	1	1	1	1	1	0	0	0.0%	0.0%
100		4	0.8975	0.891	0.904	0.88	0.92	0.003171	0.01708	1.9%	10.25%

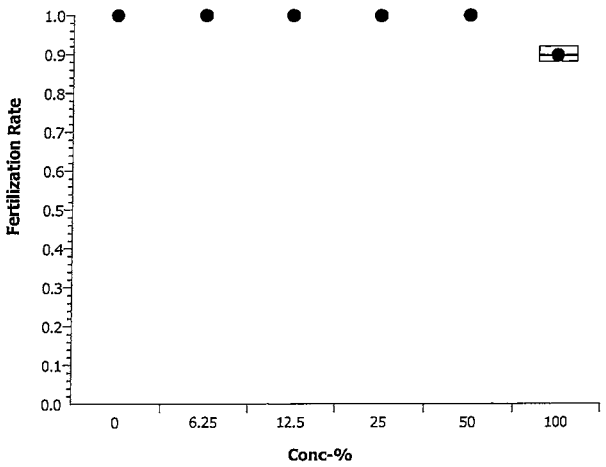
Angular (Corrected) Transformed Summary

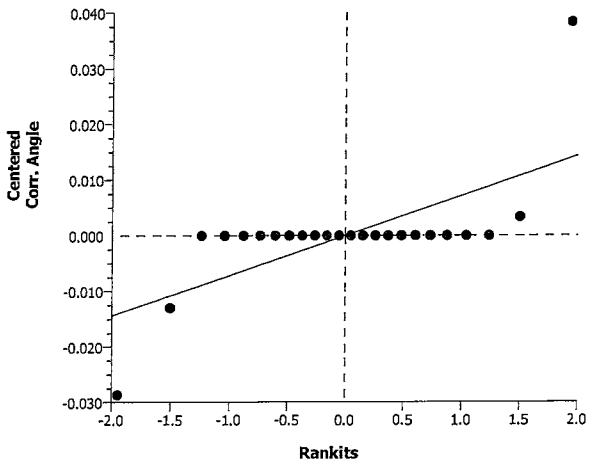
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
6.25		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
12.5		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
25		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
50		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
100		4	1.246	1.235	1.257	1.217	1.284	0.005328	0.02869	2.3%	18.09%

Fertilization Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
6.25		1	1	1	1
12.5		1	1	1	1
25		1	1	1	1
50		1	1	1	1
100		0.89	0.88	0.92	0.9

Graphics





CETIS Analytical Report

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	14-4990-9538	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:32	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	11-3196-0453	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:03	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:03	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	08-0345-2387	**Code:**	VCF1209071u	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	21h (3.3 °C)	**Station:**	ME-VR2		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	535045	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.7 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	74.39	69.41	81.08	1.344	1.233	1.441
EC10	98.78	88.82	N/A	1.012	N/A	1.126
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

Fertilization Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	1	1	1	0	0	0.0%	0.0%	400	400
6.25		4	1	1	1	0	0	0.0%	0.0%	400	400
12.5		4	1	1	1	0	0	0.0%	0.0%	400	400
25		4	1	1	1	0	0	0.0%	0.0%	400	400
50		4	1	1	1	0	0	0.0%	0.0%	400	400
100		4	0.8975	0.88	0.92	0.003118	0.01708	1.9%	10.25%	359	400

Fertilization Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
6.25		1	1	1	1
12.5		1	1	1	1
25		1	1	1	1
50		1	1	1	1
100		0.89	0.88	0.92	0.9

CETIS Measurement Report

Test Code: 09-7194-4049/VCF1209071u

Purple Sea Urchin Sperm Cell Fertilization Test

Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	11-3196-0453	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:03	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:03	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	08-0345-2387	**Code:**	VCF1209071u	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	21h (3.3 °C)	**Station:**	ME-VR2		

Parameter Acceptability

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.8	15.1	11 - 13	Yes	Results Above Limit

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.95	6.495	7.405	6	7.9	0.2239	1.344	19.33%	0
6.25		2	6.3	6.013	6.587	5.7	6.9	0.1414	0.8485	13.47%	0
12.5		2	6.05	5.835	6.265	5.6	6.5	0.1061	0.6364	10.52%	0
25		2	6.1	5.861	6.339	5.6	6.6	0.1179	0.7071	11.59%	0
50		2	6.15	5.935	6.365	5.7	6.6	0.1061	0.6364	10.35%	0
100		2	6.2	5.961	6.439	5.7	6.7	0.1179	0.7071	11.4%	0
Overall		12	6.292			5.6	7.9				0 (0%)

Total Ammonia (N)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	0			0	0	0	0		0
100		2	0	0	0	0	0	0	0		0
Overall		3	0			0	0				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
6.25		2	8	7.952	8.048	7.9	8.1	0.02357	0.1414	1.77%	0
12.5		2	8.05	8.026	8.074	8	8.1	0.01179	0.07073	0.88%	0
25		2	8.05	8.026	8.074	8	8.1	0.01179	0.07073	0.88%	0
50		2	8.1	8.099	8.101	8.1	8.1	0	0	0.0%	0
100		2	8.1	8.099	8.101	8.1	8.1	0	0	0.0%	0
Overall		12	8.042			7.9	8.1				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
6.25		2	34	34	34	34	34	0	0	0.0%	0
12.5		2	34	34	34	34	34	0	0	0.0%	0
25		2	34	34	34	34	34	0	0	0.0%	0
50		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
6.25		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
12.5		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
25		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
50		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
100		2	14.95	14.88	15.02	14.8	15.1	0.03536	0.2121	1.42%	0
Overall		12	14.96			14.8	15.1				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	7.9	6
6.25		6.9	5.7
12.5		6.5	5.6
25		6.6	5.6
50		6.6	5.7
100		6.7	5.7

Total Ammonia (N)-mg/L

Conc-%	Control Type	1	2
0	Negative Contr	0	
100		0	0

pH-Units

Conc-%	Control Type	1	2
0	Negative Contr	8	7.9
6.25		8.1	7.9
12.5		8.1	8
25		8.1	8
50		8.1	8.1
100		8.1	8.1

Salinity-ppt

Conc-%	Control Type	1	2
0	Negative Contr	34	34
6.25		34	34
12.5		34	34
25		34	34
50		34	34
100		34	34

Temperature-°C

Conc-%	Control Type	1	2
0	Negative Contr	14.9	15.1
6.25		14.8	15.1
12.5		14.8	15.1
25		14.8	15.1
50		14.8	15.1
100		14.8	15.1

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/821/R-02-014.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-VR2
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.071

CHRONIC MENIDIA SURVIVAL AND GROWTH BIOASSAY

Survival	NOEC	=	100.00
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %
Biomass	NOEC	=	100.00 %
	TUc	=	1.00
	IC25	=	>100.00 %
	IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	21-1349-3149	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 12:05	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	01-5257-1791	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:04	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	14-4848-7709	**Code:**	VCF1209071m	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	15.95%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25*	2.732	2.407	0.102	0.0266	Significant Effect
		12.5*	3.924	2.407	0.102	0.0022	Significant Effect
		25	1.782	2.407	0.102	0.1493	Non-Significant Effect
		50	0.7907	2.407	0.102	0.5165	Non-Significant Effect
		100	1.735	2.407	0.102	0.1609	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.6392	0.5 - NL	Yes	Result Within Limits
PMSD	0.1595	0.11 - 0.28	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.287	2.802	0.3778	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.06920504	0.01384101	5	3.855	0.0150	Significant Effect
Error	0.06461985	0.003589992	18			
Total	0.1338249	0.017431	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	2.491	15.09	0.7778	Equal Variances
Variances	Mod Levene Equality of Variance	0.4481	4.248	0.8091	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9787		0.8702	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.09362	0.2056	0.9533	Normal Distribution
Distribution	D'Agostino Skewness	0.3969	2.576	0.6915	Normal Distribution
Distribution	D'Agostino Kurtosis	0.1208	2.576	0.9038	Normal Distribution
Distribution	D'Agostino Omnibus	0.1721	9.21	0.9175	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.6392	0.6155	0.663	0.57	0.719	0.01161	0.06251	9.78%	0.0%
6.25		4	0.5235	0.5083	0.5387	0.47	0.566	0.007429	0.04001	7.64%	18.11%
12.5		4	0.473	0.4515	0.4945	0.401	0.538	0.01051	0.05661	11.97%	26.01%
25		4	0.5637	0.5478	0.5797	0.501	0.589	0.007798	0.04199	7.45%	11.81%
50		4	0.6057	0.5852	0.6263	0.541	0.659	0.01001	0.05391	8.9%	5.24%
100		4	0.5658	0.5314	0.6001	0.469	0.687	0.01677	0.09032	15.96%	11.5%

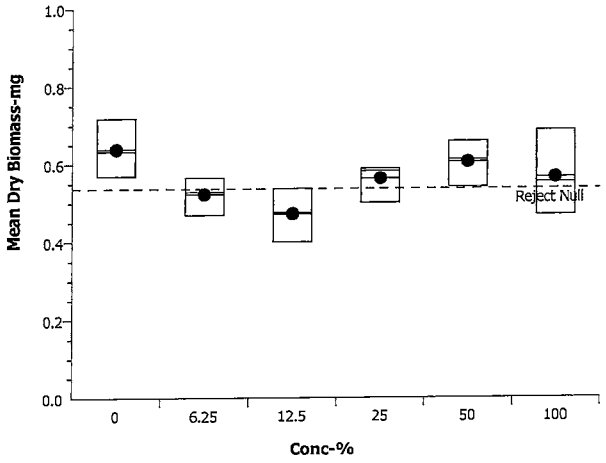
Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

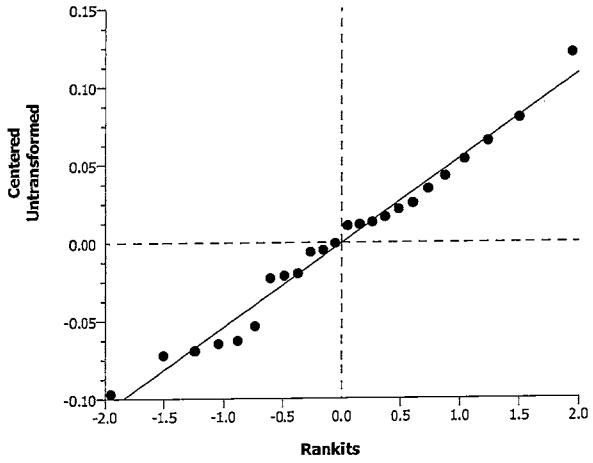
Analysis ID:	21-1349-3149	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 12:05	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.618	0.57	0.719	0.65
6.25		0.47	0.566	0.535	0.523
12.5		0.486	0.538	0.401	0.467
25		0.585	0.58	0.501	0.589
50		0.541	0.64	0.583	0.659
100		0.561	0.546	0.687	0.469

Graphics





CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	10-9864-7440	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 12:05	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	01-5257-1791	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:04	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	14-4848-7709	**Code:**	VCF1209071m	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	21.15%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		6.25	14.5	10	1	0.4092	Non-Significant Effect
		12.5	19	10	2	0.9054	Non-Significant Effect
		25	19	10	3	0.9054	Non-Significant Effect
		50	17.5	10	3	0.7867	Non-Significant Effect
		100	17	10	3	0.7334	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9	0.8 - NL	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.871	2.802	0.0359	Outlier Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.08050973	0.01610195	5	0.6677	0.6529	Non-Significant Effect
Error	0.4340896	0.02411609	18			
Total	0.5145993	0.04021803	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	7.309	15.09	0.1986	Equal Variances
Variances	Mod Levene Equality of Variance	0.4732	4.248	0.7914	Equal Variances
Distribution	Shapiro-Wilk Normality	0.8714		0.0056	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.1751	0.2056	0.0553	Normal Distribution
Distribution	D'Agostino Skewness	2.414	2.576	0.0158	Normal Distribution
Distribution	D'Agostino Kurtosis	1.725	2.576	0.0845	Normal Distribution
Distribution	D'Agostino Omnibus	8.802	9.21	0.0123	Normal Distribution

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 10-9864-7440 **Endpoint:** 7d Survival Rate **CETIS Version:** CETISv1.7.0
Analyzed: 07 Jan-10 12:05 **Analysis:** Nonparametric-Control vs Treatments **Official Results:** Yes

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9	0.8462	0.9538	0.7	1	0.02626	0.1414	15.71%	0.0%
6.25		4	0.825	0.806	0.844	0.8	0.9	0.009285	0.05	6.06%	8.33%
12.5		4	0.9	0.8239	0.9761	0.6	1	0.03714	0.2	22.22%	0.0%
25		4	0.95	0.928	0.972	0.9	1	0.01072	0.05773	6.08%	-5.56%
50		4	0.925	0.906	0.944	0.9	1	0.009285	0.05	5.41%	-2.78%
100		4	0.9	0.8689	0.9311	0.8	1	0.01516	0.08165	9.07%	0.0%

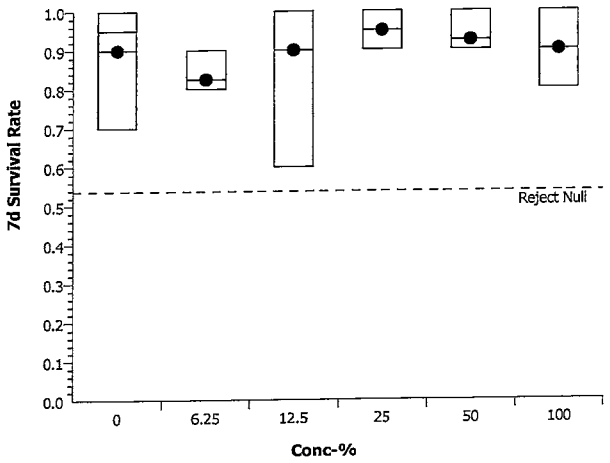
Angular (Corrected) Transformed Summary

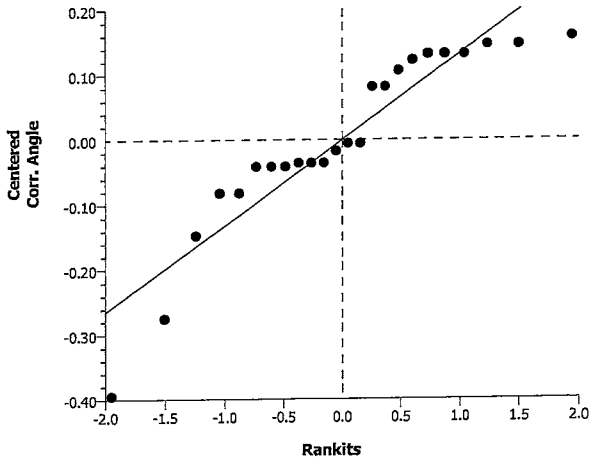
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.266	1.19	1.342	0.9912	1.412	0.0369	0.1987	15.7%	0.0%
6.25		4	1.143	1.116	1.17	1.107	1.249	0.01317	0.07095	6.21%	9.75%
12.5		4	1.281	1.181	1.381	0.8861	1.412	0.04883	0.263	20.54%	-1.14%
25		4	1.331	1.295	1.366	1.249	1.412	0.01747	0.09409	7.07%	-5.09%
50		4	1.29	1.259	1.321	1.249	1.412	0.01513	0.08149	6.32%	-1.87%
100		4	1.254	1.207	1.302	1.107	1.412	0.02314	0.1246	9.94%	0.93%

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	0.7	0.9	1
6.25		0.9	0.8	0.8	0.8
12.5		1	1	0.6	1
25		0.9	1	0.9	1
50		0.9	1	0.9	0.9
100		0.8	0.9	1	0.9

Graphics





CETIS Analytical Report

Test Code: 13-2247-8805/VCF1209071m

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	18-6912-6730	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 12:05	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	01-5257-1791	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:04	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	14-4848-7709	**Code:**	VCF1209071m	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	3019480	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.6392	0.5 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.287	2.802	0.3778	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	2.15	1.036	6.072	46.5	16.47	96.56
IC10	4.301	2.071	N/A	23.25	N/A	48.28
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Dry Biomass-mg Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.6392	0.57	0.719	0.01141	0.06251	9.78%	0.0%
6.25		4	0.5235	0.47	0.566	0.007304	0.04001	7.64%	18.11%
12.5		4	0.473	0.401	0.538	0.01034	0.05661	11.97%	26.01%
25		4	0.5637	0.501	0.589	0.007667	0.04199	7.45%	11.81%
50		4	0.6057	0.541	0.659	0.009842	0.05391	8.9%	5.24%
100		4	0.5658	0.469	0.687	0.01649	0.09032	15.96%	11.5%

Mean Dry Biomass-mg Detail

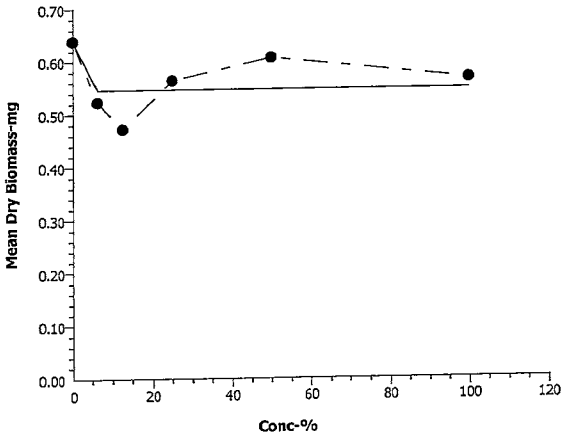
Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.618	0.57	0.719	0.65
6.25		0.47	0.566	0.535	0.523
12.5		0.486	0.538	0.401	0.467
25		0.585	0.58	0.501	0.589
50		0.541	0.64	0.583	0.659
100		0.561	0.546	0.687	0.469

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	18-6912-6730	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 12:05	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	06-7453-2310	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 12:05	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	01-5257-1791	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:04	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	14-4848-7709	**Code:**	VCF1209071m	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	3019480	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9	0.8 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	0.9	0.7	1	0.02582	0.1414	15.71%	0.0%	36	40
6.25		4	0.825	0.8	0.9	0.009129	0.05	6.06%	8.33%	33	40
12.5		4	0.9	0.6	1	0.03651	0.2	22.22%	0.0%	36	40
25		4	0.95	0.9	1	0.01054	0.05773	6.08%	-5.56%	38	40
50		4	0.925	0.9	1	0.009129	0.05	5.41%	-2.78%	37	40
100		4	0.9	0.8	1	0.01491	0.08165	9.07%	0.0%	36	40

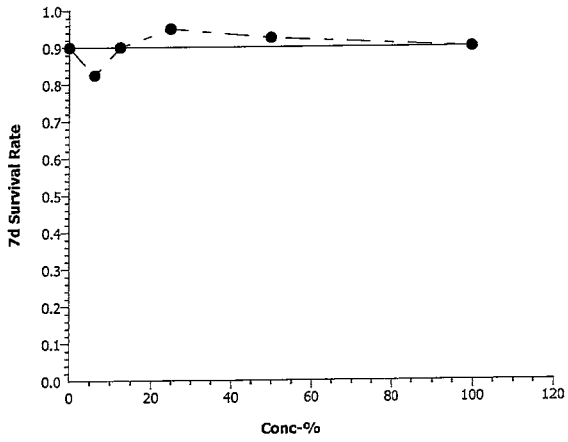
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	0.7	0.9	1
6.25		0.9	0.8	0.8	0.8
12.5		1	1	0.6	1
25		0.9	1	0.9	1
50		0.9	1	0.9	0.9
100		0.8	0.9	1	0.9

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	06-7453-2310	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 12:05	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Inland Silverside 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	01-5257-1791	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:04	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	14-4848-7709	**Code:**	VCF1209071m	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	6.5	6.335	6.665	6	7	0.08116	0.487	7.49%	0
6.25		8	6.275	6.128	6.422	5.7	6.8	0.07224	0.4334	6.91%	0
12.5		8	6.288	6.147	6.428	5.8	6.8	0.06926	0.4155	6.61%	0
25		8	6.275	6.154	6.396	5.9	6.8	0.0596	0.3576	5.7%	0
50		8	6.238	6.114	6.361	5.8	6.8	0.06103	0.3662	5.87%	0
100		8	6.3	6.171	6.429	5.9	6.8	0.06362	0.3817	6.06%	0
Overall		48	6.313			5.7	7				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.875	7.859	7.891	7.8	7.9	0.007713	0.04628	0.59%	0
6.25		8	7.863	7.845	7.88	7.8	7.9	0.008625	0.05175	0.66%	0
12.5		8	7.875	7.859	7.891	7.8	7.9	0.007713	0.04628	0.59%	0
25		8	24.13	24.07	24.18	24	24.5	0.02781	0.1669	0.69%	0
50		8	7.863	7.845	7.88	7.8	7.9	0.008625	0.05175	0.66%	0
100		8	7.863	7.845	7.88	7.8	7.9	0.008625	0.05175	0.66%	0
Overall		48	10.58			7.8	24.5				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	34	34	34	34	34	0	0	0.0%	0
6.25		8	34	34	34	34	34	0	0	0.0%	0
12.5		8	34	34	34	34	34	0	0	0.0%	0
25		8	34	34	34	34	34	0	0	0.0%	0
50		8	34	34	34	34	34	0	0	0.0%	0
100		8	34	34	34	34	34	0	0	0.0%	0
Overall		48	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.05	24.03	24.07	24	24.1	0.00889	0.05334	0.22%	0
6.25		8	24.06	24.05	24.08	24	24.1	0.008602	0.05161	0.21%	0
12.5		8	24.14	24.08	24.19	24	24.5	0.02663	0.1598	0.66%	0
25		8	24.08	24.05	24.1	24	24.2	0.01177	0.0706	0.29%	0
50		8	24.1	24.07	24.13	24	24.2	0.01258	0.07547	0.31%	0
100		8	24.08	24.06	24.09	24	24.1	0.007683	0.0461	0.19%	0
Overall		48	24.08			24	24.5				0 (0%)

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	6	6	6	7	6.9	7	6.9	6.2
6.25		6.1	5.7	5.9	6.2	6.7	6.8	6.8	6
12.5		6.1	5.8	5.9	6.2	6.7	6.8	6.8	6
25		6.1	6	5.9	6.3	6.5	6.7	6.8	5.9
50		6.1	6	5.8	6.4	6.2	6.7	6.8	5.9
100		6.7	6	5.9	6.3	6.1	6.7	6.8	5.9

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.9	7.8	7.8	7.9	7.9	7.9	7.9	7.9
6.25		7.9	7.9	7.9	7.9	7.8	7.8	7.8	7.9
12.5		7.9	7.9	7.9	7.9	7.8	7.8	7.9	7.9
25		24	24.1	24	24.2	24.5	24.1	24	24.1
50		7.9	7.9	7.9	7.8	7.8	7.8	7.9	7.9
100		7.9	7.9	7.9	7.8	7.8	7.8	7.9	7.9

Salinity-ppt

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	34	34	34	34	34	34	34	34
6.25		34	34	34	34	34	34	34	34
12.5		34	34	34	34	34	34	34	34
25		34	34	34	34	34	34	34	34
50		34	34	34	34	34	34	34	34
100		34	34	34	34	34	34	34	34

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24	24.1	24	24.1	24.1	24.1	24	24
6.25		24	24.1	24	24.1	24.1	24.1	24	24.1
12.5		24	24.1	24	24.2	24.5	24.1	24.1	24.1
25		24	24.1	24	24.2	24.1	24.1	24	24.1
50		24	24.2	24	24.2	24.1	24.1	24.1	24.1
100		24	24.1	24	24.1	24.1	24.1	24.1	24.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Measuring the Chronic Toxicity of Effluents and Receving Waters to West Coast Estuarine Organisms, EPA/821/R-02-014.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	ME-VR2
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.071

CHRONIC TOPSMELT SURVIVAL AND GROWTH BIOASSAY

Survival	NOEC =	100.00
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
Biomass	NOEC =	50.00 %
	TUc =	2.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Pacific Topsmelt 7-d Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	09-0507-9186	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:56	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	18-1222-9106	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:03	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	20-7567-3440	**Code:**	VCF1209071t	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	50	100	70.71	2	21.48%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		50	0.2591	2.108	0.2539	0.5606	Non-Significant Effect
		100*	2.279	2.108	0.2539	0.0372	Significant Effect

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.437	2.548	0.0876	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.2256849	0.1128425	2	3.113	0.0815	Non-Significant Effect
Error	0.4350142	0.03625119	12			
Total	0.6606992	0.1490937	14			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	3.501	9.21	0.1737	Equal Variances
Variances	Mod Levene Equality of Variance	1.379	8.022	0.3003	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9312		0.2841	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1448	0.2542	0.5806	Normal Distribution
Distribution	D'Agostino Skewness	1.804	2.576	0.0713	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	1.182	1.117	1.246	1.008	1.436	0.0315	0.1696	14.36%	0.0%
50		5	1.15	1.049	1.252	0.914	1.58	0.04954	0.2668	23.19%	2.64%
100		5	0.9072	0.8715	0.9429	0.796	1.03	0.01741	0.09377	10.34%	23.22%

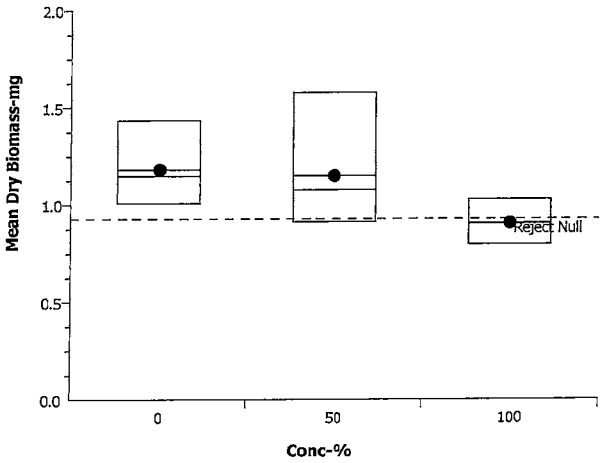
Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

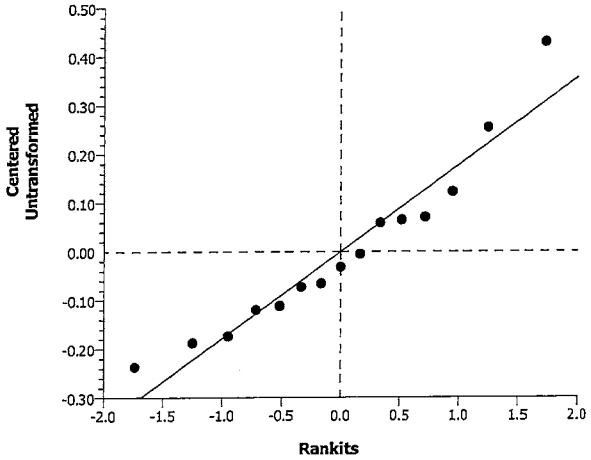
Analysis ID:	09-0507-9186	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:56	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.062	1.436	1.008	1.252	1.15
50		0.914	1.216	1.078	1.58	0.964
100		0.796	1.03	0.966	0.842	0.902

Graphics





CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

Analysis ID:	15-6987-8882	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:56	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	18-1222-9106	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:03	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	20-7567-3440	**Code:**	VCF1209071t	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	12.91%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		50	22.5	18	1	0.2396	Non-Significant Effect
		100	22.5	18	1	0.2396	Non-Significant Effect

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.449	2.548	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.03024421	0.01512211	2	1.333	0.3000	Non-Significant Effect
Error	0.136099	0.01134158	12			
Total	0.1663432	0.02646369	14			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	1.5	8.022	0.2740	Equal Variances
Distribution	Shapiro-Wilk Normality	0.7845		0.0023	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.2333	0.2542	0.0273	Normal Distribution
Distribution	D'Agostino Skewness	0.9979	2.576	0.3183	Normal Distribution

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	1	1	1	1	1	0	0	0.0%	0.0%
50		5	0.92	0.8783	0.9617	0.8	1	0.02034	0.1095	11.91%	8.0%
100		5	0.92	0.8783	0.9617	0.8	1	0.02034	0.1095	11.91%	8.0%

Angular (Corrected) Transformed Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	5	1.345	1.345	1.345	1.345	1.345	0	0	0.0%	0.0%
50		5	1.25	1.2	1.3	1.107	1.345	0.02422	0.1304	10.43%	7.08%
100		5	1.25	1.2	1.3	1.107	1.345	0.02422	0.1304	10.43%	7.08%

CETIS Analytical Report

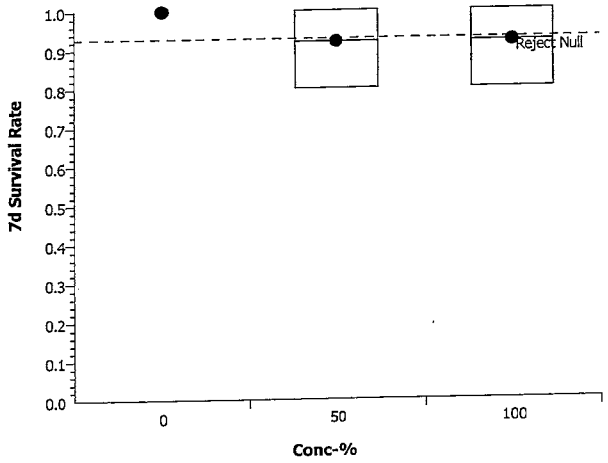
Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

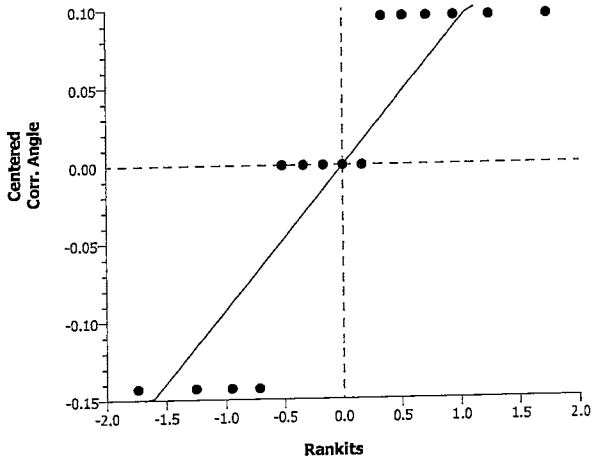
Analysis ID:	15-6987-8882	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:56	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
50		0.8	1	0.8	1	1
100		0.8	1	1	0.8	1

Graphics





Analyst: _____ QA: _____

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

Analysis ID:	14-5323-4392	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:56	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	18-1222-9106	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:03	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	20-7567-3440	**Code:**	VCF1209071t	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7607236	280	Yes	Two-Point Interpolation

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.437	2.548	0.0876	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	55.73	N/A	71.73	1.794	1.394	N/A
IC10	67.88	8.971	90.83	1.473	1.101	11.15
IC15	80.03	24.35	N/A	1.25	N/A	4.106
IC20	92.17	46.85	N/A	1.085	N/A	2.134
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Dry Biomass-mg Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	1.182	1.008	1.436	0.03097	0.1696	14.36%	0.0%
50		5	1.15	0.914	1.58	0.04871	0.2668	23.19%	2.64%
100		5	0.9072	0.796	1.03	0.01712	0.09377	10.34%	23.22%

Mean Dry Biomass-mg Detail

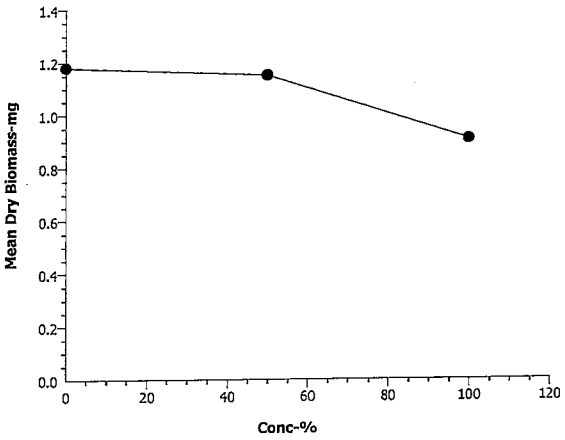
Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1.062	1.436	1.008	1.252	1.15
50		0.914	1.216	1.078	1.58	0.964
100		0.796	1.03	0.966	0.842	0.902

Analyst: _____ QA: _____

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	14-5323-4392	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:56	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Pacific Topsmelt 7-d Survival and Growth Test

Analysis ID:	07-1179-5118	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:56	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	18-1222-9106	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:03	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	20-7567-3440	**Code:**	VCF1209071t	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7607236	280	Yes	Two-Point Interpolation

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.449	2.548	1.0000	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	31.25	11.16	N/A	3.2	N/A	8.96
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	5	1	1	1	0	0	0.0%	0.0%	25	25
50		5	0.92	0.8	1	0.02	0.1095	11.91%	8.0%	23	25
100		5	0.92	0.8	1	0.02	0.1095	11.91%	8.0%	23	25

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	1	1	1	1	1
50		0.8	1	0.8	1	1
100		0.8	1	1	0.8	1

Analyst: _____ QA: _____

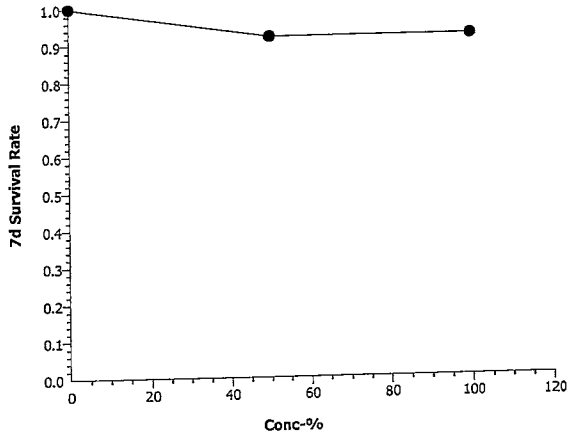
CETIS Analytical Report

Test Code: 01-7967-3829/VCF1209071t

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	07-1179-5118	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	07 Jan-10 14:56	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Test Code: 01-7967-3829/VCF1209071t

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	18-1222-9106	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:03	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Atherinops affinis	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	9-15
Sample ID:	20-7567-3440	**Code:**	VCF1209071t	**Client:**	VCWPD
Sample Date:	07 Dec-09 15:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	ME-VR2		

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	6.588	6.353	6.822	5.8	7.8	0.1156	0.6937	10.53%	0
50		8	6.45	6.216	6.684	5.6	7.8	0.1151	0.6908	10.71%	0
100		8	6.525	6.304	6.746	5.8	7.8	0.109	0.6541	10.02%	0
Overall		24	6.521			5.6	7.8				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.9	7.882	7.918	7.8	8	0.008907	0.05344	0.68%	0
50		8	7.913	7.901	7.924	7.9	8	0.005889	0.03533	0.45%	0
100		8	7.925	7.909	7.941	7.9	8	0.007713	0.04628	0.58%	0
Overall		24	7.913			7.8	8				0 (0%)

Salinity-ppt

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	34	34	34	34	34	0	0	0.0%	0
50		8	34	34	34	34	34	0	0	0.0%	0
100		8	34	34	34	34	34	0	0	0.0%	0
Overall		24	34			34	34				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	21.04	21.01	21.06	21	21.2	0.0124	0.07441	0.35%	0
50		8	21.03	21.01	21.04	21	21.1	0.007718	0.04631	0.22%	0
100		8	21.03	21.01	21.04	21	21.1	0.007718	0.04631	0.22%	0
Overall		24	21.03			21	21.2				0 (0%)

Pacific Topsmelt 7-d Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	6	6	5.8	7	7.8	7	6.9	6.2
50		6.1	5.6	5.8	6.6	7.8	6.9	6.3	6.5
100		6	5.8	5.9	6.6	7.8	6.9	6.7	6.5

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.9	7.8	7.9	8	7.9	7.9	7.9	7.9
50		7.9	8	7.9	7.9	7.9	7.9	7.9	7.9
100		7.9	8	8	7.9	7.9	7.9	7.9	7.9

Salinity-ppt

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	34	34	34	34	34	34	34	34
50		34	34	34	34	34	34	34	34
100		34	34	34	34	34	34	34	34

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	21	21	21.2	21.1	21	21	21	21
50		21	21	21.1	21.1	21	21	21	21
100		21	21	21.1	21.1	21	21	21	21

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-Cam-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.072

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC = 100.00 %
TUc = 1.00

IC25 = >100.00 %
IC50 = >100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Test Code: 10-5042-2937/VCF1209072s

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	20-6548-3107	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:31	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	06-0961-5479	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:30	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 18:30	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	05-4516-4176	**Code:**	VCF1209072s	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	32h (3.3 °C)	**Station:**	MO-CAM-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	9.25%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25*	6.5	2.407	100300	<0.0001	Significant Effect
		12.5*	4.478	2.407	100300	0.0007	Significant Effect
		25	-2.731	2.407	100300	0.9999	Non-Significant Effect
		50	-0.4802	2.407	100300	0.9368	Non-Significant Effect
		100	0.6482	2.407	100300	0.5816	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control CV	0.07074	NL - 0.2	Yes	Result Within Limits
Control Resp	1.08E+6	1.00E+6 - NL	Yes	Result Within Limits
PMSD	0.09247	0.091 - 0.29	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.029	2.802	0.8377	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	4.067233E+11	81344670000	5	23.44	<0.0001	Significant Effect
Error	62454000000	3469667000	18			
Total	4.691773E+11	84814330000	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	5.092	15.09	0.4048	Equal Variances
Variances	Mod Levene Equality of Variance	2.894	4.248	0.0434	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9552		0.3494	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1421	0.2056	0.2367	Normal Distribution
Distribution	D'Agostino Skewness	0.6387	2.576	0.5230	Normal Distribution
Distribution	D'Agostino Kurtosis	1.248	2.576	0.2119	Normal Distribution
Distribution	D'Agostino Omnibus	1.966	9.21	0.3742	Normal Distribution

Cell Density Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.084E+6	1.055E+6	1.113E+6	1.002E+6	1.169E+6	1.424E+4	7.670E+4	7.07%	0.0%
6.25		4	8.135E+5	7.913E+5	8.357E+5	7.560E+5	8.750E+5	1.084E+4	5.836E+4	7.17%	24.97%
12.5		4	8.978E+5	8.895E+5	9.060E+5	8.840E+5	9.300E+5	4.013E+3	2.161E+4	2.41%	17.2%
25		4	1.198E+6	1.176E+6	1.220E+6	1.141E+6	1.264E+6	1.066E+4	5.742E+4	4.79%	-10.49%
50		4	1.104E+6	1.074E+6	1.135E+6	1.041E+6	1.210E+6	1.495E+4	8.052E+4	7.29%	-1.85%
100		4	1.057E+6	1.044E+6	1.071E+6	1.019E+6	1.093E+6	6.651E+3	3.582E+4	3.39%	2.49%

Analyst: QA: eacs

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

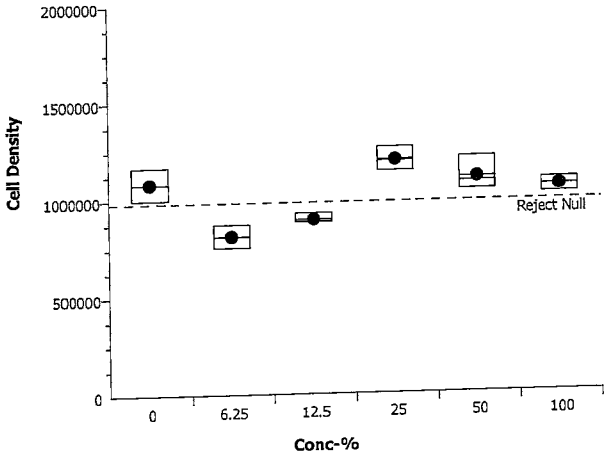
Selenastrum Growth Test

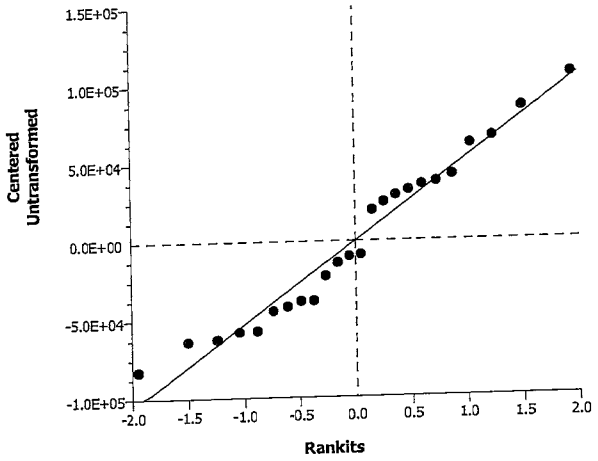
Analysis ID:	20-6548-3107	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:31	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.040E+6	1.169E+6	1.002E+6	1.126E+6
6.25		7.560E+5	8.510E+5	7.720E+5	8.750E+5
12.5		8.840E+5	8.890E+5	9.300E+5	8.880E+5
25		1.227E+6	1.264E+6	1.141E+6	1.160E+6
50		1.210E+6	1.042E+6	1.124E+6	1.041E+6
100		1.019E+6	1.093E+6	1.082E+6	1.035E+6

Graphics





CETIS Analytical Report

Test Code: 10-5042-2937/VCF1209072s

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	20-1997-0776	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:31	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	06-0961-5479	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:30	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 18:30	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	05-4516-4176	**Code:**	VCF1209072s	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	32h (3.3 °C)	**Station:**	MO-CAM-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	9619532	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control CV	0.07074	NL - 0.2	Yes	Result Within Limits
Control Resp	1.08E+6	1.00E+6 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.029	2.802	0.8377	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	4.833	1.399	N/A	20.69	N/A	71.47
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Cell Density Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.084E+6	1.002E+6	1.169E+6	1.400E+4	7.670E+4	7.07%	0.0%
6.25		4	8.135E+5	7.560E+5	8.750E+5	1.065E+4	5.836E+4	7.17%	24.97%
12.5		4	8.978E+5	8.840E+5	9.300E+5	3.945E+3	2.161E+4	2.41%	17.2%
25		4	1.198E+6	1.141E+6	1.264E+6	1.048E+4	5.742E+4	4.79%	-10.49%
50		4	1.104E+6	1.041E+6	1.210E+6	1.470E+4	8.052E+4	7.29%	-1.85%
100		4	1.057E+6	1.019E+6	1.093E+6	6.539E+3	3.582E+4	3.39%	2.49%

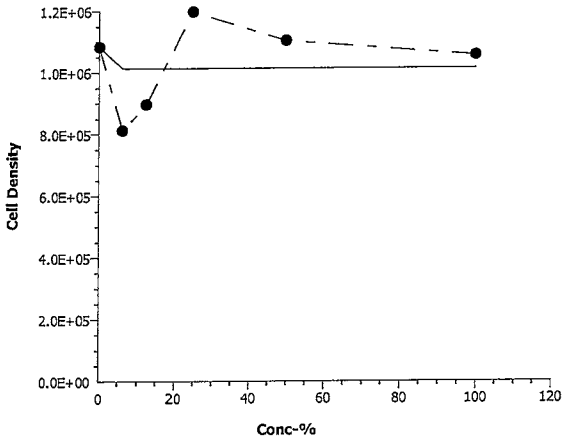
Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.040E+6	1.169E+6	1.002E+6	1.126E+6
6.25		7.560E+5	8.510E+5	7.720E+5	8.750E+5
12.5		8.840E+5	8.890E+5	9.300E+5	8.880E+5
25		1.227E+6	1.264E+6	1.141E+6	1.160E+6
50		1.210E+6	1.042E+6	1.124E+6	1.041E+6
100		1.019E+6	1.093E+6	1.082E+6	1.035E+6

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	20-1997-0776	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:31	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	06-0961-5479	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:30	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 18:30	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	05-4516-4176	**Code:**	VCF1209072s	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	32h (3.3 °C)	**Station:**	MO-CAM-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	67			67	67	0	0	0.0%	0
6.25		1	40			40	40	0	0	0.0%	0
12.5		1	51			51	51	0	0	0.0%	0
25		1	47			47	47	0	0	0.0%	0
50		1	54			54	54	0	0	0.0%	0
100		1	57			57	57	0	0	0.0%	0
Overall		6	52.67			40	67				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	507.4	503.8	511	493	520	1.797	10.78	2.13%	0
6.25		5	432.8	428.9	436.7	417	445	1.916	11.5	2.66%	0
12.5		5	406.6	403.7	409.5	392	415	1.437	8.62	2.12%	0
25		5	380.2	377.6	382.8	367	387	1.288	7.727	2.03%	0
50		5	328.8	326.3	331.3	317	335	1.216	7.294	2.22%	0
100		5	227.6	224.8	230.4	216	239	1.387	8.325	3.66%	0
Overall		30	380.6			216	520				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	98			98	98	0	0	0.0%	0
6.25		1	78			78	78	0	0	0.0%	0
12.5		1	90			90	90	0	0	0.0%	0
25		1	92			92	92	0	0	0.0%	0
50		1	100			100	100	0	0	0.0%	0
100		1	107			107	107	0	0	0.0%	0
Overall		6	94.17			78	107				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	7.96	7.866	8.054	7.7	8.3	0.04655	0.2793	3.51%	0
6.25		5	7.94	7.855	8.025	7.7	8.2	0.04183	0.251	3.16%	0
12.5		5	7.92	7.843	7.997	7.7	8.2	0.03801	0.228	2.88%	0
25		5	7.88	7.819	7.941	7.7	8.1	0.02981	0.1789	2.27%	0
50		5	7.84	7.783	7.897	7.7	8.1	0.02789	0.1673	2.13%	0
100		5	7.78	7.719	7.841	7.7	8.1	0.02981	0.1789	2.3%	0
Overall		30	7.887			7.7	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	24	24	24	24	24	0	0	0.0%	0
6.25		5	24	24	24	24	24	0	0	0.0%	0
12.5		5	24	24	24	24	24	0	0	0.0%	0
25		5	24	24	24	24	24	0	0	0.0%	0
50		5	24	24	24	24	24	0	0	0.0%	0
100		5	24	24	24	24	24	0	0	0.0%	0
Overall		30	24			24	24				0 (0%)

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	67				
6.25		40				
12.5		51				
25		47				
50		54				
100		57				

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	520	493	501	508	515
6.25		425	417	437	440	445
12.5		409	392	408	409	415
25		384	367	381	382	387
50		334	317	327	331	335
100		225	216	228	230	239

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	98				
6.25		78				
12.5		90				
25		92				
50		100				
100		107				

pH-Units

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	8.3	8.2	7.9	7.7	7.7
6.25		8.2	8.2	7.9	7.7	7.7
12.5		8.2	8.1	7.9	7.7	7.7
25		8.1	8	7.9	7.7	7.7
50		8.1	7.9	7.8	7.7	7.7
100		8.1	7.7	7.7	7.7	7.7

Temperature-°C

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	24	24	24	24	24
6.25		24	24	24	24	24
12.5		24	24	24	24	24
25		24	24	24	24	24
50		24	24	24	24	24
100		24	24	24	24	24

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-Cam-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.072

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	10-1042-5098	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:51	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	16-4583-0735	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	11-3416-6257	**Code:**	VCF1209072c	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	25.58%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		6.25	132	75	3	0.9997	Non-Significant Effect
		12.5	130	75	3	0.9994	Non-Significant Effect
		25	138	75	2	1.0000	Non-Significant Effect
		50	134.5	75	3	0.9999	Non-Significant Effect
		100	125	75	4	0.9974	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	21.5	15 - NL	Yes	Result Within Limits
PMSD	0.2558	0.13 - 0.47	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	5.099	3.2	<0.0001	Outlier Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	192.95	38.59	5	1.338	0.2625	Non-Significant Effect
Error	1557.9	28.85	54			
Total	1750.85	67.44	59			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	23.53	15.09	0.0003	Unequal Variances
Variances	Mod Levene Equality of Variance	1.114	3.377	0.3641	Equal Variances
Distribution	Shapiro-Wilk Normality	0.8346		<0.0001	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.141	0.1331	0.0046	Non-normal Distribution
Distribution	D'Agostino Skewness	5.14	2.576	<0.0001	Non-normal Distribution
Distribution	D'Agostino Kurtosis	4.792	2.576	<0.0001	Non-normal Distribution
Distribution	D'Agostino Omnibus	49.38	9.21	<0.0001	Non-normal Distribution

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	21.5	19.45	23.55	14	33	1.003	5.401	25.12%	0.0%
6.25		10	26	24.21	27.79	15	31	0.8754	4.714	18.13%	-20.93%
12.5		10	25.1	23.92	26.28	21	31	0.577	3.107	12.38%	-16.74%
25		10	26.9	25.79	28.01	21	31	0.5428	2.923	10.87%	-25.12%
50		10	26.2	22.47	29.93	0	34	1.821	9.807	37.43%	-21.86%
100		10	24	22.97	25.03	19	28	0.5029	2.708	11.28%	-11.63%

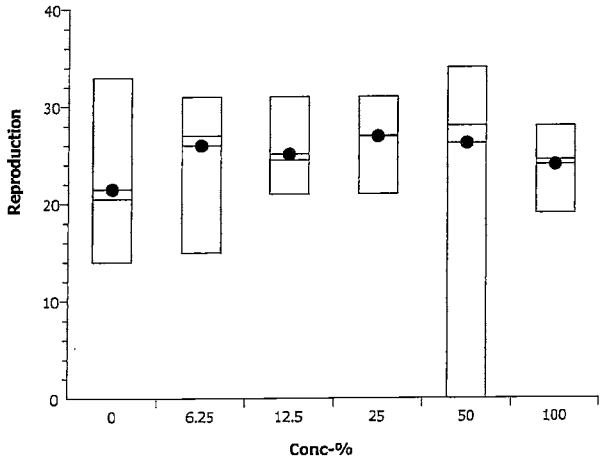
Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

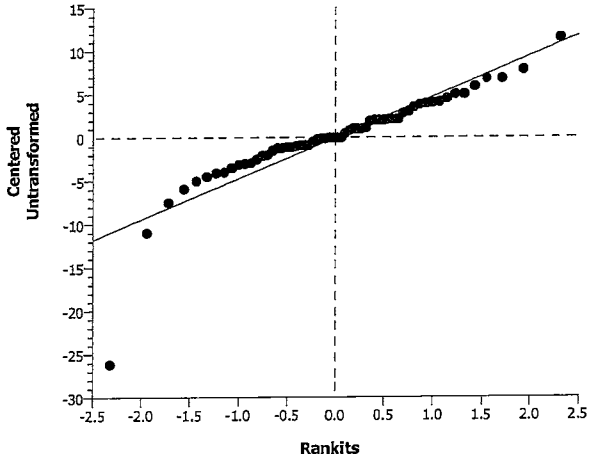
Analysis ID: 10-1042-5098 **Endpoint:** Reproduction **CETIS Version:** CETISv1.7.0
Analyzed: 10 Jan-10 12:51 **Analysis:** Nonparametric-Control vs Treatments **Official Results:** Yes

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	26	21	20	22	18	19	17	14	33	25
6.25		26	25	28	31	28	31	15	28	22	26
12.5		27	21	29	25	24	24	22	31	23	25
25		29	29	24	31	28	26	21	26	26	29
50		25	34	26	0	29	33	27	30	25	33
100		21	19	24	25	22	27	28	25	24	25

Graphics





CETIS Analytical Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	10-0126-4685	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:51	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	16-4583-0735	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	11-3416-6257	**Code:**	VCF1209072c	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	8144900	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	21.5	15 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	N/A	N/A
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Reproduction Summary

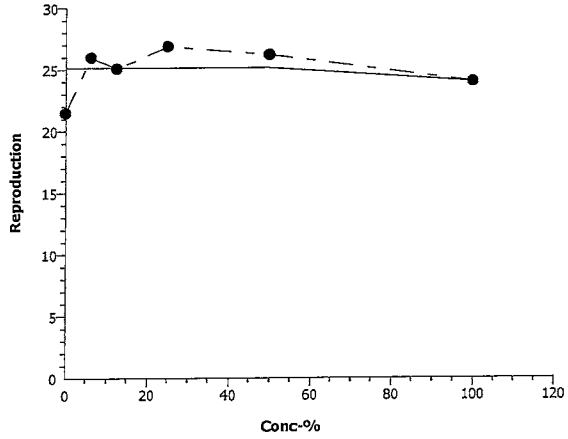
			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	21.5	14	33	0.986	5.401	25.12%	0.0%
6.25		10	26	15	31	0.8607	4.714	18.13%	-20.93%
12.5		10	25.1	21	31	0.5673	3.107	12.38%	-16.74%
25		10	26.9	21	31	0.5337	2.923	10.87%	-25.12%
50		10	26.2	0	34	1.791	9.807	37.43%	-21.86%
100		10	24	19	28	0.4944	2.708	11.28%	-11.63%

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	26	21	20	22	18	19	17	14	33	25
6.25		26	25	28	31	28	31	15	28	22	26
12.5		27	21	29	25	24	24	22	31	23	25
25		29	29	24	31	28	26	21	26	26	29
50		25	34	26	0	29	33	27	30	25	33
100		21	19	24	25	22	27	28	25	24	25

Analysis ID:	10-0126-4685	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:51	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	20-2067-3417	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:51	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	16-4583-0735	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	11-3416-6257	**Code:**	VCF1209072c	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7607236	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.8 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	100	33.33	N/A	1	N/A	3
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	10	1	1	1	0	0	0.0%	0.0%	10	10
6.25		10	1	1	1	0	0	0.0%	0.0%	10	10
12.5		10	1	1	1	0	0	0.0%	0.0%	10	10
25		10	1	1	1	0	0	0.0%	0.0%	10	10
50		10	0.9	0	1	0.05774	0.3162	35.14%	10.0%	9	10
100		10	1	1	1	0	0	0.0%	0.0%	10	10

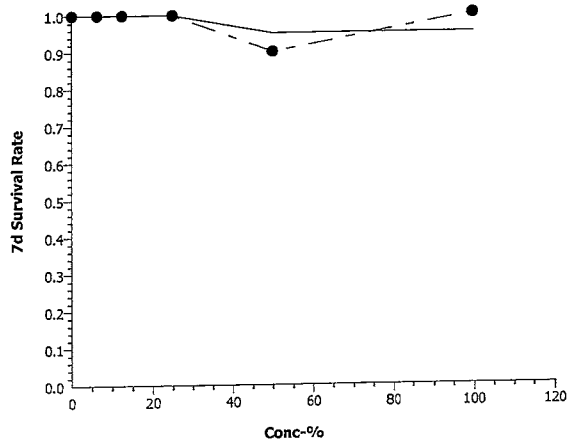
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	0	1	1	1	1	1	1
100		1	1	1	1	1	1	1	1	1	1

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	20-2067-3417	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:51	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Test Code: 05-5975-3274/VCF1209072c

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	10-2709-1718	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:51	**Analysis:**	STP 2x2 Contingency Tables	**Official Results:**	Yes
Batch ID:	16-4583-0735	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	11-3416-6257	**Code:**	VCF1209072c	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed		C > T	Not Run	100	>100	N/A	1	N/A

Fisher Exact/Bonferroni-Holm Test

Control	vs	Conc-%	Test Stat	P-Value	Decision(0.05)
Negative Control		6.25	1	1.0000	Non-Significant Effect
		12.5	1	1.0000	Non-Significant Effect
		25	1	1.0000	Non-Significant Effect
		50	0.5	1.0000	Non-Significant Effect
		100	1	1.0000	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.8 - NL	Yes	Result Within Limits

Data Summary

Conc-%	Control Type	No-Resp	Resp	Total
0	Negative Contr	10	0	10
6.25		10	0	10
12.5		10	0	10
25		10	0	10
50		9	1	10
100		10	0	10

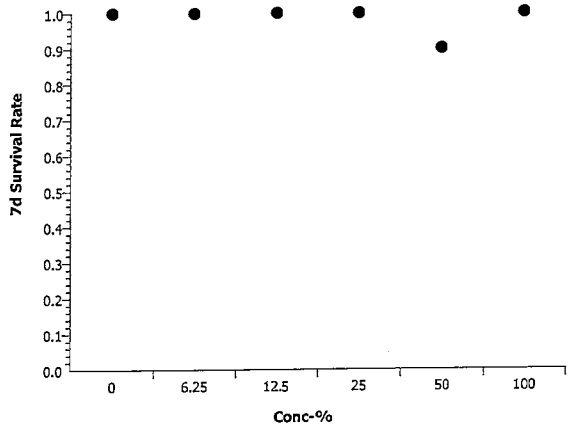
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	0	1	1	1	1	1	1
100		1	1	1	1	1	1	1	1	1	1

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	10-2709-1718	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:51	**Analysis:**	STP 2x2 Contingency Tables	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	16-4583-0735	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	11-3416-6257	**Code:**	VCF1209072c	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61	61	61	61	61	0	0	0.0%	0
100		8	42	42	42	42	42	0	0	0.0%	0
Overall		16	51.5			42	61				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	353.1	350.3	355.9	339	365	1.367	8.202	2.32%	0
6.25		8	335.6	330.9	340.3	318	355	2.316	13.9	4.14%	0
12.5		8	321.3	315	327.5	304	348	3.055	18.33	5.71%	0
25		8	306.4	298.7	314.1	279	335	3.782	22.69	7.41%	0
50		8	271.1	252.3	290	233	366	9.294	55.76	20.57%	0
100		8	142.8	138.9	146.6	130	158	1.906	11.44	8.01%	0
Overall		48	288.4			130	366				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.313	7.068	7.557	5.8	7.9	0.1203	0.722	9.87%	0
6.25		8	7.513	7.344	7.681	6.7	7.9	0.08283	0.497	6.62%	0
12.5		8	7.175	6.912	7.438	5.5	7.9	0.1293	0.776	10.82%	0
25		8	13.35	7.655	19.04	7	55	2.805	16.83	126.1%	0
50		8	7.125	6.831	7.419	5.2	7.9	0.1447	0.8681	12.18%	0
100		8	6.838	6.505	7.17	5.2	7.8	0.164	0.9841	14.39%	0
Overall		48	8.219			5.2	55				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	95.25	94.2	96.3	93	99	0.5175	3.105	3.26%	0
100		8	49	49	49	49	49	0	0	0.0%	0
Overall		16	72.13			49	99				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	8.075	8.01	8.14	7.9	8.3	0.03181	0.1909	2.36%	0
6.25		8	8.1	8.049	8.151	7.8	8.2	0.0252	0.1512	1.87%	0
12.5		8	7.975	7.913	8.037	7.7	8.2	0.03054	0.1832	2.3%	0
25		8	8.025	7.982	8.068	7.8	8.2	0.02136	0.1282	1.6%	0
50		8	7.925	7.89	7.96	7.7	8	0.01725	0.1035	1.31%	0
100		8	7.913	7.874	7.951	7.7	8	0.01877	0.1126	1.42%	0
Overall		48	8.002			7.7	8.3				0 (0%)

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.28	24.16	24.39	24	24.9	0.05616	0.337	1.39%	0
6.25		8	24.36	24.24	24.48	24	24.9	0.05838	0.3503	1.44%	0
12.5		8	24.39	24.26	24.52	24	24.9	0.06451	0.3871	1.59%	0
25		8	24.35	24.24	24.46	24	24.9	0.05345	0.3207	1.32%	0
50		8	24.4	24.28	24.52	24	24.9	0.0591	0.3546	1.45%	0
100		8	24.19	24.08	24.3	24	24.9	0.05303	0.3182	1.32%	0
Overall		48	24.33			24	24.9				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	61	61	61	61	61	61	61	61
100		42	42	42	42	42	42	42	42

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	339	358	355	345	350	355	358	365
6.25		318	326	323	331	338	339	355	355
12.5		307	311	305	304	319	328	348	348
25		279	287	282	301	312	320	335	335
50		233	235	236	239	250	255	355	366
100		132	130	130	139	149	149	155	158

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.8	7	7	7.3	7.8	7.9	7.9	5.8
6.25		7.9	6.7	7.1	7	7.7	7.9	7.9	7.9
12.5		7.9	6.9	7	7.1	7.5	7.7	7.8	5.5
25		7.5	7.7	7.6	7.5	7.5	7	7	55
50		7.9	6.7	5.2	7	7.4	7.5	7.6	7.7
100		7.8	6.7	5.2	7	7.4	7.5	7.6	5.5

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	99	99	99	93	93	93	93	93
100		49	49	49	49	49	49	49	49

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.3	7.9	7.9	7.9	8.3	8.3	8	8
6.25		8.2	8.2	7.8	8	8.2	8.2	8.2	8
12.5		8.2	7.8	7.7	7.8	8	8.1	8.1	8.1
25		8.2	8	8	7.8	8.1	8.1	8.1	7.9
50		8	7.9	7.7	8	8	8	7.9	7.9
100		7.9	7.8	7.7	8	8	8	8	7.9

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.2	24.2	24	24.9	24.7	24	24.1	24.1
6.25		24.4	24.2	24.9	24.8	24.5	24.1	24	24
12.5		24.6	24	24.9	24.9	24.5	24.1	24	24.1
25		24.6	24	24.5	24.9	24.5	24.1	24.1	24.1
50		24.8	24	24.5	24.6	24.9	24.3	24.1	24
100		24.4	24	24.9	24	24	24	24.1	24.1

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-Cam-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.072

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

SURVIVAL	NOEC =	50.00 %
	TUc =	2.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	12-5266-9014	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	08 Jan-10 11:40	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	10-4638-4518	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24h
Sample ID:	04-1423-7746	**Code:**	VCF1209072f	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	21.19%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	1.066	2.407	0.06174	0.3931	Non-Significant Effect
		12.5	0.05862	2.407	0.06174	0.8155	Non-Significant Effect
		25	-0.2989	2.407	0.06174	0.9063	Non-Significant Effect
		50	2.209	2.407	0.06174	0.0721	Non-Significant Effect
		100	1.547	2.407	0.06174	0.2133	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.2913	0.25 - NL	Yes	Result Within Limits
PMSD	0.2119	0.12 - 0.3	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.714	2.802	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.01316697	0.002633394	5	2.002	0.1272	Non-Significant Effect
Error	0.02368197	0.001315665	18			
Total	0.03684894	0.003949059	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	2.191	15.09	0.8221	Equal Variances
Variances	Mod Levene Equality of Variance	1.246	4.248	0.3292	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9288		0.0916	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1664	0.2056	0.0843	Normal Distribution
Distribution	D'Agostino Skewness	0.7383	2.576	0.4603	Normal Distribution
Distribution	D'Agostino Kurtosis	1.862	2.576	0.0626	Normal Distribution
Distribution	D'Agostino Omnibus	4.012	9.21	0.1345	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.2913	0.2818	0.3009	0.2713	0.328	0.004675	0.02518	8.64%	0.0%
6.25		4	0.264	0.2507	0.2773	0.236	0.314	0.006471	0.03485	13.2%	9.38%
12.5		4	0.2898	0.2806	0.2991	0.2627	0.3107	0.004511	0.02429	8.38%	0.52%
25		4	0.299	0.2858	0.3122	0.2653	0.3313	0.006466	0.03482	11.65%	-2.63%
50		4	0.2347	0.2148	0.2546	0.1807	0.284	0.009708	0.05228	22.28%	19.45%
100		4	0.2517	0.2369	0.2665	0.2167	0.3067	0.007217	0.03886	15.44%	13.62%

CETIS Analytical Report

Test Code: 06-2315-5236/VCF1209072f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

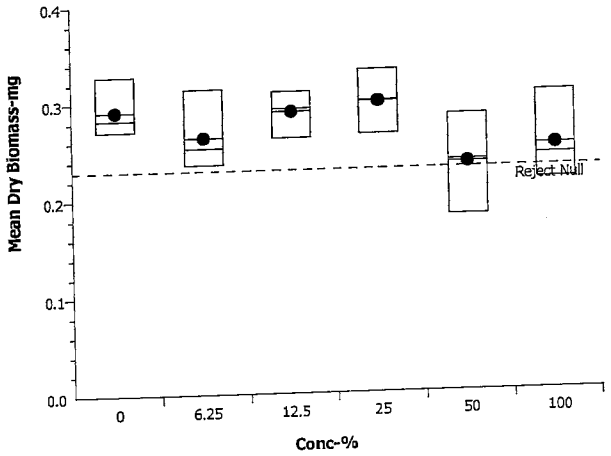
Analysis ID: 12-5266-9014 Endpoint: Mean Dry Biomass-mg CETIS Version: CETISv1.7.0

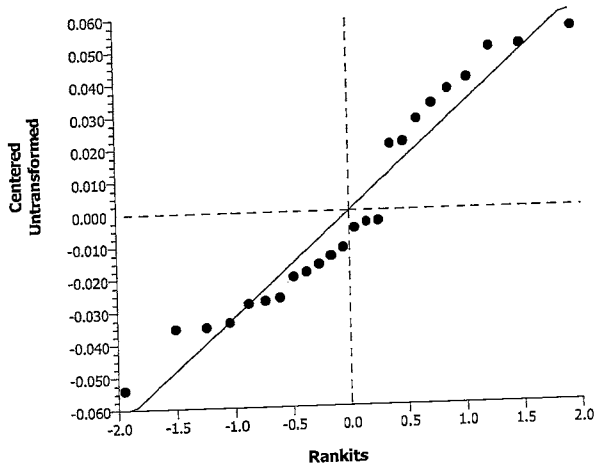
Analyzed: 08 Jan-10 11:40 Analysis: Parametric-Control vs Treatments Official Results: Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.286	0.328	0.2713	0.28
6.25		0.2453	0.314	0.236	0.2607
12.5		0.3107	0.2627	0.276	0.31
25		0.3267	0.3313	0.2727	0.2653
50		0.284	0.2747	0.1807	0.1993
100		0.248	0.2353	0.2167	0.3067

Graphics





CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Fathead Minnow 7-d Larval Survival and Growth Test

Analysis ID:	14-4096-6323	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	08 Jan-10 11:36	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	10-4638-4518	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24h
Sample ID:	04-1423-7746	**Code:**	VCF1209072f	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	50	100	70.71	2	13.15%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	0.6903	2.407	0.2296	0.5624	Non-Significant Effect
		12.5	0.6903	2.407	0.2296	0.5624	Non-Significant Effect
		25	0.6403	2.407	0.2296	0.5851	Non-Significant Effect
		50	2.068	2.407	0.2296	0.0927	Non-Significant Effect
		100*	2.538	2.407	0.2296	0.0389	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.348	2.802	0.3077	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.1733486	0.03466971	5	1.905	0.1435	Non-Significant Effect
Error	0.3276021	0.01820011	18			
Total	0.5009506	0.05286983	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	8.855	15.09	0.1150	Equal Variances
Variances	Mod Levene Equality of Variance	3.864	4.248	0.0149	Equal Variances
Distribution	Shapiro-Wilk Normality	0.959		0.4177	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1677	0.2056	0.0791	Normal Distribution
Distribution	D'Agostino Skewness	0.3782	2.576	0.7053	Normal Distribution
Distribution	D'Agostino Kurtosis	0.9561	2.576	0.3390	Normal Distribution
Distribution	D'Agostino Omnibus	1.057	9.21	0.5894	Normal Distribution

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Fathead Minnow 7-d Larval Survival and Growth Test

Analysis ID:	14-4096-6323	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	08 Jan-10 11:36	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9833	0.9707	0.996	0.9333	1	0.00619	0.03333	3.39%	0.0%
6.25		4	0.95	0.9373	0.9627	0.9333	1	0.00619	0.03333	3.51%	3.39%
12.5		4	0.95	0.9373	0.9627	0.9333	1	0.00619	0.03333	3.51%	3.39%
25		4	0.95	0.9257	0.9743	0.8667	1	0.01185	0.06383	6.72%	3.39%
50		4	0.8667	0.8308	0.9025	0.7333	0.9333	0.01751	0.09428	10.88%	11.86%
100		4	0.8167	0.7468	0.8865	0.6	1	0.03409	0.1836	22.48%	16.95%

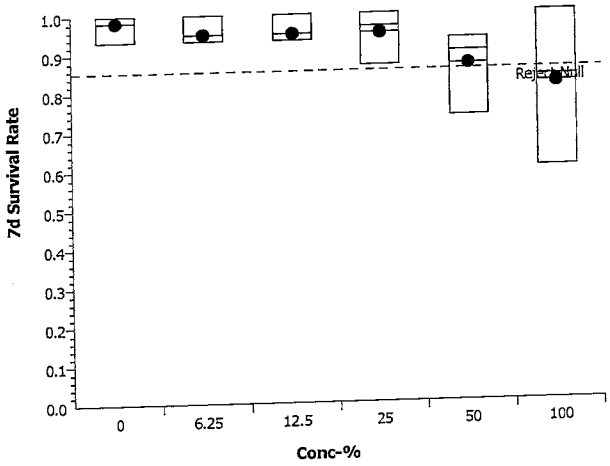
Angular (Corrected) Transformed Summary

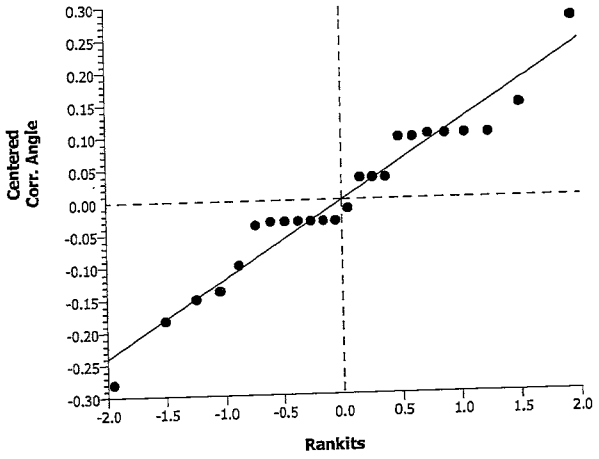
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.408	1.383	1.433	1.31	1.441	0.01223	0.06585	4.68%	0.0%
6.25		4	1.343	1.318	1.368	1.31	1.441	0.01223	0.06585	4.91%	4.68%
12.5		4	1.343	1.318	1.368	1.31	1.441	0.01223	0.06585	4.91%	4.68%
25		4	1.347	1.302	1.392	1.197	1.441	0.02189	0.1179	8.75%	4.34%
50		4	1.211	1.161	1.262	1.028	1.31	0.0247	0.133	10.98%	14.01%
100		4	1.166	1.07	1.263	0.8861	1.441	0.0472	0.2542	21.79%	17.19%

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		0.9333	1	0.9333	0.9333
12.5		1	0.9333	0.9333	0.9333
25		0.9333	1	1	0.8667
50		0.9333	0.9333	0.7333	0.8667
100		0.6	0.9333	0.7333	1

Graphics





CETIS Analytical Report

Test Code: 06-2315-5236/VCF1209072f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	04-0432-9699	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	08 Jan-10 11:40	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	10-4638-4518	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24h
Sample ID:	04-1423-7746	**Code:**	VCF1209072f	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	5795186	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.2913	0.25 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.714	2.802	1.0000	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	29.57	N/A	50.15	3.382	1.994	N/A
IC10	38.42	11.69	N/A	2.603	N/A	8.553
IC15	47.28	25.31	N/A	2.115	N/A	3.95
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Dry Biomass-mg Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.2913	0.2713	0.328	0.004596	0.02518	8.64%	0.0%
6.25		4	0.264	0.236	0.314	0.006363	0.03485	13.2%	9.38%
12.5		4	0.2898	0.2627	0.3107	0.004435	0.02429	8.38%	0.52%
25		4	0.299	0.2653	0.3313	0.006357	0.03482	11.65%	-2.63%
50		4	0.2347	0.1807	0.284	0.009544	0.05228	22.28%	19.45%
100		4	0.2517	0.2167	0.3067	0.007095	0.03886	15.44%	13.62%

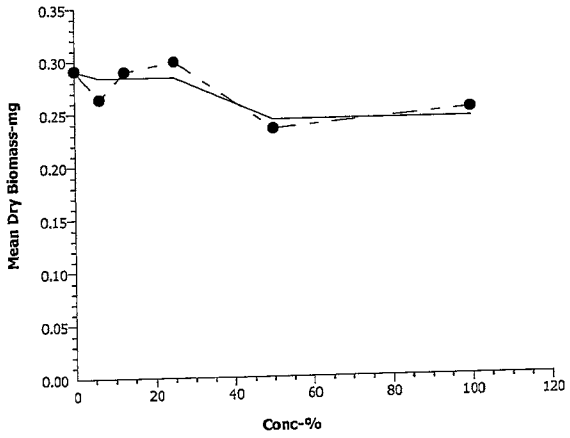
Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.286	0.328	0.2713	0.28
6.25		0.2453	0.314	0.236	0.2607
12.5		0.3107	0.2627	0.276	0.31
25		0.3267	0.3313	0.2727	0.2653
50		0.284	0.2747	0.1807	0.1993
100		0.248	0.2353	0.2167	0.3067

Fathead Minnow 7-d Larval Survival and Growth Test
Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	04-0432-9699	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	08 Jan-10 11:40	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	09-6260-3737	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	08 Jan-10 11:36	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	10-4638-4518	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24h
Sample ID:	04-1423-7746	**Code:**	VCF1209072f	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	5334240	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.348	2.802	0.3077	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	29.75	N/A	60.15	3.361	1.663	N/A
EC10	44.5	23.3	N/A	2.247	N/A	4.292
EC15	80.83	18.17	N/A	1.237	N/A	5.505
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	0.9833	0.9333	1	0.006086	0.03333	3.39%	0.0%	59	60
6.25		4	0.95	0.9333	1	0.006086	0.03333	3.51%	3.39%	57	60
12.5		4	0.95	0.9333	1	0.006086	0.03333	3.51%	3.39%	57	60
25		4	0.95	0.8667	1	0.01165	0.06383	6.72%	3.39%	57	60
50		4	0.8667	0.7333	0.9333	0.01721	0.09428	10.88%	11.86%	52	60
100		4	0.8167	0.6	1	0.03352	0.1836	22.48%	16.95%	49	60

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		0.9333	1	0.9333	0.9333
12.5		1	0.9333	0.9333	0.9333
25		0.9333	1	1	0.8667
50		0.9333	0.9333	0.7333	0.8667
100		0.6	0.9333	0.7333	1

CETIS Analytical Report

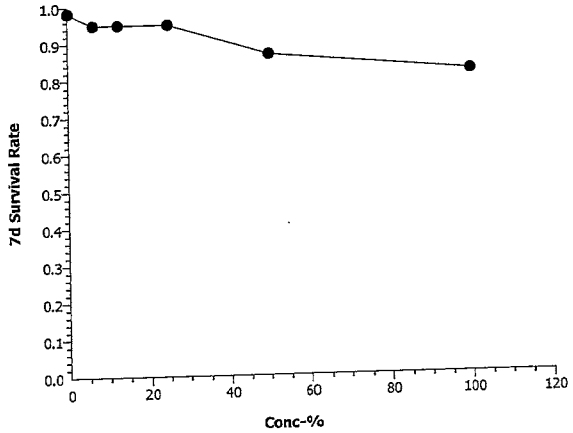
Test Code: 06-2315-5236/VCF1209072f

Fathead Minnow 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	09-6260-3737	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	08 Jan-10 11:36	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	10-4638-4518	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 13:10	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:00	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 1h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24h
Sample ID:	04-1423-7746	**Code:**	VCF1209072f	**Client:**	VCWPD
Sample Date:	07 Dec-09 12:30	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-CAM-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61	61	61	61	61	0	0	0.0%	0
100		8	42	42	42	42	42	0	0	0.0%	0
Overall		16	51.5			42	61				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	353.1	350.3	355.9	339	365	1.367	8.202	2.32%	0
6.25		8	335.6	330.9	340.3	318	355	2.316	13.9	4.14%	0
12.5		8	321.3	315	327.5	304	348	3.055	18.33	5.71%	0
25		8	306.4	298.7	314.1	279	335	3.782	22.69	7.41%	0
50		8	271.1	252.3	290	233	366	9.294	55.76	20.57%	0
100		8	142.8	138.9	146.6	130	158	1.906	11.44	8.01%	0
Overall		48	288.4			130	366				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.313	7.068	7.557	5.8	7.9	0.1203	0.722	9.87%	0
6.25		8	7.513	7.344	7.681	6.7	7.9	0.08283	0.497	6.62%	0
12.5		8	7.175	6.912	7.438	5.5	7.9	0.1293	0.776	10.82%	0
25		8	13.35	7.655	19.04	7	55	2.805	16.83	126.1%	0
50		8	7.125	6.831	7.419	5.2	7.9	0.1447	0.8681	12.18%	0
100		8	6.838	6.505	7.17	5.2	7.8	0.164	0.9841	14.39%	0
Overall		48	8.219			5.2	55				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	95.25	94.2	96.3	93	99	0.5175	3.105	3.26%	0
100		8	49	49	49	49	49	0	0	0.0%	0
Overall		16	72.13			49	99				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	8.075	8.01	8.14	7.9	8.3	0.03181	0.1909	2.36%	0
6.25		8	8.1	8.049	8.151	7.8	8.2	0.0252	0.1512	1.87%	0
12.5		8	7.975	7.913	8.037	7.7	8.2	0.03054	0.1832	2.3%	0
25		8	8.025	7.982	8.068	7.8	8.2	0.02136	0.1282	1.6%	0
50		8	7.925	7.89	7.96	7.7	8	0.01725	0.1035	1.31%	0
100		8	7.913	7.874	7.951	7.7	8	0.01877	0.1126	1.42%	0
Overall		48	8.002			7.7	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.28	24.16	24.39	24	24.9	0.05616	0.337	1.39%	0
6.25		8	24.36	24.24	24.48	24	24.9	0.05838	0.3503	1.44%	0
12.5		8	24.39	24.26	24.52	24	24.9	0.06451	0.3871	1.59%	0
25		8	24.35	24.24	24.46	24	24.9	0.05345	0.3207	1.32%	0
50		8	24.4	24.28	24.52	24	24.9	0.0591	0.3546	1.45%	0
100		8	24.19	24.08	24.3	24	24.9	0.05303	0.3182	1.32%	0
Overall		48	24.33			24	24.9				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	61	61	61	61	61	61	61	61
100		42	42	42	42	42	42	42	42

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	339	358	355	345	350	355	358	365
6.25		318	326	323	331	338	339	355	355
12.5		307	311	305	304	319	328	348	348
25		279	287	282	301	312	320	335	335
50		233	235	236	239	250	255	355	366
100		132	130	130	139	149	149	155	158

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.8	7	7	7.3	7.8	7.9	7.9	5.8
6.25		7.9	6.7	7.1	7	7.7	7.9	7.9	7.9
12.5		7.9	6.9	7	7.1	7.5	7.7	7.8	5.5
25		7.5	7.7	7.6	7.5	7.5	7	7	55
50		7.9	6.7	5.2	7	7.4	7.5	7.6	7.7
100		7.8	6.7	5.2	7	7.4	7.5	7.6	5.5

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	99	99	99	93	93	93	93	93
100		49	49	49	49	49	49	49	49

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.3	7.9	7.9	7.9	8.3	8.3	8	8
6.25		8.2	8.2	7.8	8	8.2	8.2	8.2	8
12.5		8.2	7.8	7.7	7.8	8	8.1	8.1	8.1
25		8.2	8	8	7.8	8.1	8.1	8.1	7.9
50		8	7.9	7.7	8	8	8	7.9	7.9
100		7.9	7.8	7.7	8	8	8	8	7.9

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.2	24.2	24	24.9	24.7	24	24.1	24.1
6.25		24.4	24.2	24.9	24.8	24.5	24.1	24	24
12.5		24.6	24	24.9	24.9	24.5	24.1	24	24.1
25		24.6	24	24.5	24.9	24.5	24.1	24.1	24.1
50		24.8	24	24.5	24.6	24.9	24.3	24.1	24
100		24.4	24	24.9	24	24	24	24.1	24.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-Ojai-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.073

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Selenastrum Growth Test

Analysis ID:	14-2194-5853	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:53	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	03-3825-0510	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:31	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 18:31	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	20-9043-0444	**Code:**	VCF1209073s	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	31h (3.3 °C)	**Station:**	MO-Ojai-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	11.06%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25*	4.621	2.407	119900	0.0005	Significant Effect
		12.5	-4.37	2.407	119900	1.0000	Non-Significant Effect
		25	-4.596	2.407	119900	1.0000	Non-Significant Effect
		50	-6.749	2.407	119900	1.0000	Non-Significant Effect
		100	-6.734	2.407	119900	1.0000	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control CV	0.07074	NL - 0.2	Yes	Result Within Limits
Control Resp	1.08E+6	1.00E+6 - NL	Yes	Result Within Limits
PMSD	0.1106	0.091 - 0.29	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.033	2.802	0.8282	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	9.879897E+11	1.975979E+11	5	39.8	<0.0001	Significant Effect
Error	89369250000	4964958000	18			
Total	1.077359E+12	2.025629E+11	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	8.811	15.09	0.1168	Equal Variances
Variances	Mod Levene Equality of Variance	1.795	4.248	0.1646	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9492		0.2610	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1667	0.2056	0.0833	Normal Distribution
Distribution	D'Agostino Skewness	1.067	2.576	0.2859	Normal Distribution
Distribution	D'Agostino Kurtosis	0.494	2.576	0.6213	Normal Distribution
Distribution	D'Agostino Omnibus	1.383	9.21	0.5008	Normal Distribution

Cell Density Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.084E+6	1.055E+6	1.113E+6	1.002E+6	1.169E+6	1.424E+4	7.670E+4	7.07%	0.0%
6.25		4	8.540E+5	8.497E+5	8.583E+5	8.400E+5	8.680E+5	2.123E+3	1.143E+4	1.34%	21.24%
12.5		4	1.302E+6	1.284E+6	1.320E+6	1.239E+6	1.353E+6	8.743E+3	4.708E+4	3.62%	-20.08%
25		4	1.313E+6	1.285E+6	1.342E+6	1.206E+6	1.379E+6	1.395E+4	7.512E+4	5.72%	-21.12%
50		4	1.421E+6	1.393E+6	1.448E+6	1.320E+6	1.495E+6	1.356E+4	7.303E+4	5.14%	-31.01%
100		4	1.420E+6	1.381E+6	1.459E+6	1.293E+6	1.514E+6	1.910E+4	1.029E+5	7.25%	-30.94%

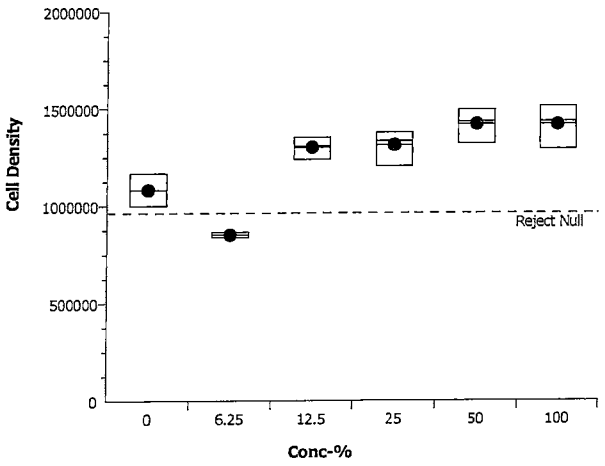
Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

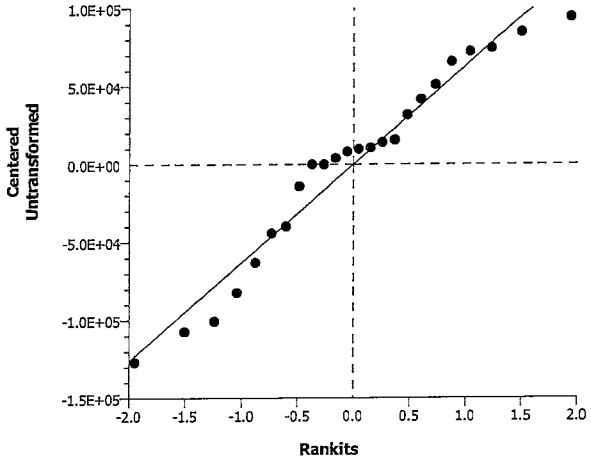
Analysis ID:	14-2194-5853	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:53	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.040E+6	1.169E+6	1.002E+6	1.126E+6
6.25		8.540E+5	8.680E+5	8.400E+5	8.540E+5
12.5		1.310E+6	1.239E+6	1.353E+6	1.306E+6
25		1.345E+6	1.206E+6	1.379E+6	1.323E+6
50		1.495E+6	1.431E+6	1.436E+6	1.320E+6
100		1.380E+6	1.514E+6	1.293E+6	1.492E+6

Graphics





Analyst: _____ QA: _____

CETIS Analytical Report

Test Code: 05-7195-6897/VCF1209073s

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	10-5091-2632	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:53	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	03-3825-0510	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:31	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 18:31	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	20-9043-0444	**Code:**	VCF1209073s	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	31h (3.3 °C)	**Station:**	MO-Ojai-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	8714458	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control CV	0.07074	NL - 0.2	Yes	Result Within Limits
Control Resp	1.08E+6	1.00E+6 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.033	2.802	0.8282	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	N/A	N/A
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Cell Density Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.084E+6	1.002E+6	1.169E+6	1.400E+4	7.670E+4	7.07%	0.0%
6.25		4	8.540E+5	8.400E+5	8.680E+5	2.087E+3	1.143E+4	1.34%	21.24%
12.5		4	1.302E+6	1.239E+6	1.353E+6	8.596E+3	4.708E+4	3.62%	-20.08%
25		4	1.313E+6	1.206E+6	1.379E+6	1.371E+4	7.512E+4	5.72%	-21.12%
50		4	1.421E+6	1.320E+6	1.495E+6	1.333E+4	7.303E+4	5.14%	-31.01%
100		4	1.420E+6	1.293E+6	1.514E+6	1.878E+4	1.029E+5	7.25%	-30.94%

Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.040E+6	1.169E+6	1.002E+6	1.126E+6
6.25		8.540E+5	8.680E+5	8.400E+5	8.540E+5
12.5		1.310E+6	1.239E+6	1.353E+6	1.306E+6
25		1.345E+6	1.206E+6	1.379E+6	1.323E+6
50		1.495E+6	1.431E+6	1.436E+6	1.320E+6
100		1.380E+6	1.514E+6	1.293E+6	1.492E+6

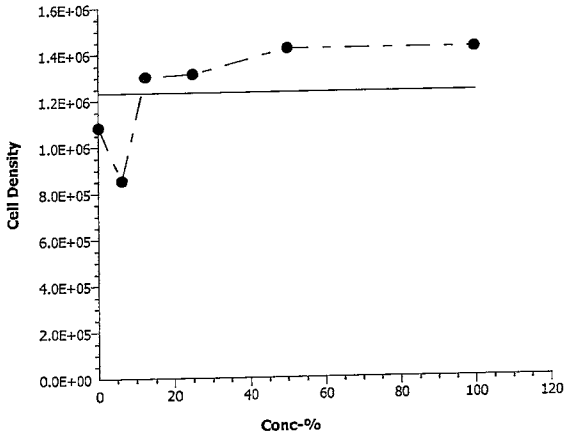
Analyst: QA:

CETIS Analytical Report

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	10-5091-2632	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:53	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Analyst: _____ QA: _____

CETIS Measurement Report

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	03-3825-0510	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:31	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 18:31	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	94h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	20-9043-0444	**Code:**	VCF1209073s	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	31h (3.3 °C)	**Station:**	MO-Ojai-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	67			67	67	0	0	0.0%	0
6.25		1	45			45	45	0	0	0.0%	0
12.5		1	42			42	42	0	0	0.0%	0
25		1	47			47	47	0	0	0.0%	0
50		1	51			51	51	0	0	0.0%	0
100		1	51			51	51	0	0	0.0%	0
Overall		6	50.5			42	67				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	507.4	503.8	511	493	520	1.797	10.78	2.13%	0
6.25		5	453.8	447.7	459.9	426	469	3.017	18.1	3.99%	0
12.5		5	407.8	405.1	410.5	395	417	1.341	8.044	1.97%	0
25		5	319	273.4	364.6	78	385	22.48	134.9	42.29%	0
50		5	324.6	321.7	327.5	311	335	1.446	8.678	2.67%	0
100		5	209.6	207.7	211.5	200	214	0.9472	5.683	2.71%	0
Overall		30	370.4			78	520				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	98			98	98	0	0	0.0%	0
6.25		1	62			62	62	0	0	0.0%	0
12.5		1	72			72	72	0	0	0.0%	0
25		1	90			90	90	0	0	0.0%	0
50		1	100			100	100	0	0	0.0%	0
100		1	100			100	100	0	0	0.0%	0
Overall		6	87			62	100				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	7.96	7.866	8.054	7.7	8.3	0.04655	0.2793	3.51%	0
6.25		5	7.76	7.699	7.821	7.6	8	0.03028	0.1817	2.34%	0
12.5		5	7.74	7.683	7.797	7.6	8	0.02789	0.1673	2.16%	0
25		5	7.76	7.709	7.811	7.6	8	0.02528	0.1517	1.95%	0
50		5	7.74	7.689	7.791	7.6	8	0.02528	0.1517	1.96%	0
100		5	7.74	7.689	7.791	7.6	8	0.02528	0.1517	1.96%	0
Overall		30	7.783			7.6	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	24	24	24	24	24	0	0	0.0%	0
6.25		5	24	24	24	24	24	0	0	0.0%	0
12.5		5	24	24	24	24	24	0	0	0.0%	0
25		5	24	24	24	24	24	0	0	0.0%	0
50		5	24	24	24	24	24	0	0	0.0%	0
100		5	24	24	24	24	24	0	0	0.0%	0
Overall		30	24			24	24				0 (0%)

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	67				
6.25		45				
12.5		42				
25		47				
50		51				
100		51				

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	520	493	501	508	515
6.25		445	426	464	465	469
12.5		411	395	408	408	417
25		384	368	380	78	385
50		327	311	324	326	335
100		212	200	209	213	214

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	98				
6.25		62				
12.5		72				
25		90				
50		100				
100		100				

pH-Units

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	8.3	8.2	7.9	7.7	7.7
6.25		8	7.9	7.6	7.6	7.7
12.5		8	7.8	7.6	7.6	7.7
25		8	7.8	7.6	7.7	7.7
50		8	7.7	7.6	7.7	7.7
100		8	7.7	7.6	7.7	7.7

Temperature-°C

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	24	24	24	24	24
6.25		24	24	24	24	24
12.5		24	24	24	24	24
25		24	24	24	24	24
50		24	24	24	24	24
100		24	24	24	24	24

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-Ojai-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.073

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Ceriodaphnia 7-d Survival and Reproduction Test

Analysis ID:	03-6983-7628	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:59	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	13-5059-3043	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:54	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	27 Dec-19 14:54	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	N/A	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	10-5779-0234	**Code:**	VCF1209073c	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-Ojai-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	13.94%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	-3.074	2.289	3.277	1.0000	Non-Significant Effect
		12.5	-4.052	2.289	3.277	1.0000	Non-Significant Effect
		25	-4.191	2.289	3.277	1.0000	Non-Significant Effect
		50	-2.724	2.289	3.277	1.0000	Non-Significant Effect
		100	-0.4191	2.289	3.277	0.9287	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	23.5	15 - NL	Yes	Result Within Limits
PMSD	0.1394	0.13 - 0.47	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.482	3.2	0.6642	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	331.55	66.31	5	6.472	<0.0001	Significant Effect
Error	553.3	10.2463	54			
Total	884.85	76.55629	59			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	9.904	15.09	0.0780	Equal Variances
Variances	Mod Levene Equality of Variance	2.05	3.377	0.0861	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9838		0.6071	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.05987	0.1331	0.8823	Normal Distribution
Distribution	D'Agostino Skewness	0.4409	2.576	0.6593	Normal Distribution
Distribution	D'Agostino Kurtosis	0.4435	2.576	0.6574	Normal Distribution
Distribution	D'Agostino Omnibus	0.3911	9.21	0.8224	Normal Distribution

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	23.5	22.73	24.27	21	27	0.374	2.014	8.57%	0.0%
6.25		10	27.9	27.09	28.71	25	32	0.3959	2.132	7.64%	-18.72%
12.5		10	29.3	27.44	31.16	22	36	0.9057	4.877	16.65%	-24.68%
25		10	29.5	28.5	30.5	26	33	0.4894	2.635	8.93%	-25.53%
50		10	27.4	26.06	28.74	23	35	0.6562	3.534	12.9%	-16.6%
100		10	24.1	22.92	25.28	20	29	0.577	3.107	12.89%	-2.55%

Analyst: _____ QA: _____

CETIS Analytical Report

Test Code: 20-8061-6901/VCF1209073c

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

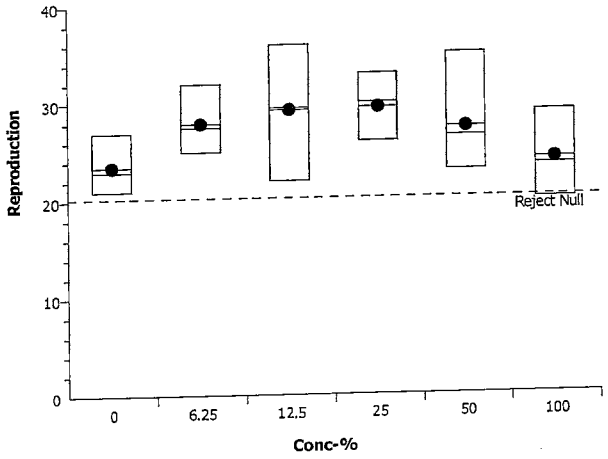
Analysis ID: 03-6983-7628 Endpoint: Reproduction CETIS Version: CETISv1.7.0

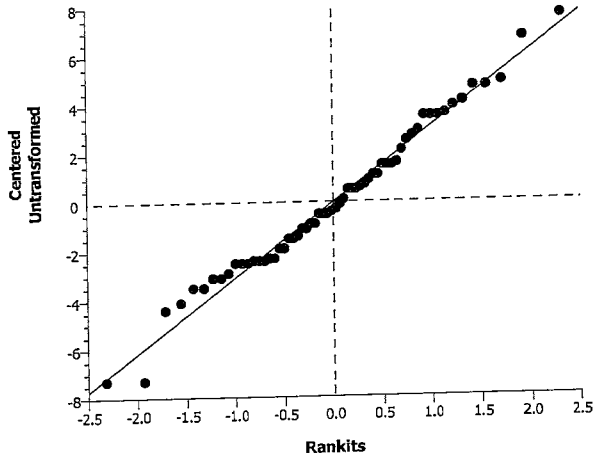
Analyzed: 10 Jan-10 12:59 Analysis: Parametric-Control vs Treatments Official Results: Yes

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	21	22	21	25	27	23	23	24	26	23
6.25		25	30	32	29	29	28	26	27	27	26
12.5		34	29	32	27	27	36	22	34	22	30
25		30	30	33	33	31	31	28	27	26	26
50		31	28	23	25	25	27	35	29	25	26
100		23	20	24	29	25	23	21	21	27	28

Graphics





Analyst: _____ QA: _____

CETIS Analytical Report

Ceriodaphnia 7-d Survival and Reproduction Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	17-4251-6286	Endpoint:	Reproduction	CETIS Version:	CETISv1.7.0
Analyzed:	10 Jan-10 12:59	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes
Batch ID:	13-5059-3043	Test Type:	Reproduction-Survival (7d)	Analyst:	
Start Date:	08 Dec-09 14:54	Protocol:	EPA/821/R-02-013 (2002)	Diluent:	Laboratory Water
Ending Date:	27 Dec-19 14:54	Species:	Ceriodaphnia dubia	Brine:	Not Applicable
Duration:	N/A	Source:	Aquatic Biosystems, CO	Age:	<24H
Sample ID:	10-5779-0234	Code:	VCF1209073c	Client:	VCWPD
Sample Date:	07 Dec-09 13:45	Material:	Sample Water	Project:	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	Source:	Bioassay Report		
Sample Age:	25h (3.3 °C)	Station:	MO-Ojai-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	453528	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	23.5	15 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.482	3.2	0.6642	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	68.6	39.69	89.02	1.458	1.123	2.519
IC10	89.47	61.45	N/A	1.118	N/A	1.627
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Reproduction Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	23.5	21	27	0.3677	2.014	8.57%	0.0%
6.25		10	27.9	25	32	0.3892	2.132	7.64%	-18.72%
12.5		10	29.3	22	36	0.8905	4.877	16.65%	-24.68%
25		10	29.5	26	33	0.4811	2.635	8.93%	-25.53%
50		10	27.4	23	35	0.6452	3.534	12.9%	-16.6%
100		10	24.1	20	29	0.5673	3.107	12.89%	-2.55%

Reproduction Detail

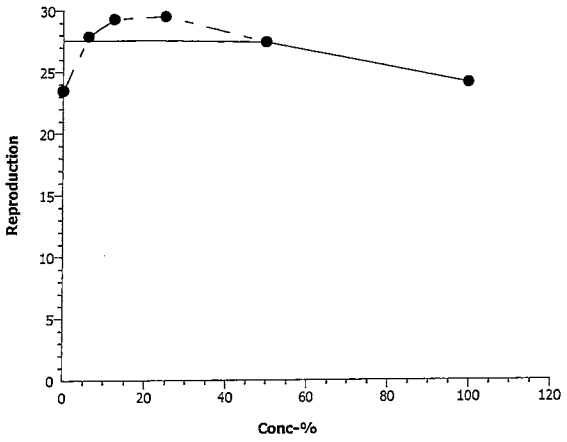
Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	21	22	21	25	27	23	23	24	26	23
6.25		25	30	32	29	29	28	26	27	27	26
12.5		34	29	32	27	27	36	22	34	22	30
25		30	30	33	33	31	31	28	27	26	26
50		31	28	23	25	25	27	35	29	25	26
100		23	20	24	29	25	23	21	21	27	28

Analyst: _____ QA: _____

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	17-4251-6286	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:59	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	06-9922-5487	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:59	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	13-5059-3043	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:54	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	27 Dec-19 14:54	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	N/A	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	10-5779-0234	**Code:**	VCF1209073c	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-Ojai-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7090379	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.8 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	10	1	1	1	0	0	0.0%	0.0%	10	10
6.25		10	1	1	1	0	0	0.0%	0.0%	10	10
12.5		10	1	1	1	0	0	0.0%	0.0%	10	10
25		10	1	1	1	0	0	0.0%	0.0%	10	10
50		10	1	1	1	0	0	0.0%	0.0%	10	10
100		10	1	1	1	0	0	0.0%	0.0%	10	10

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
100		1	1	1	1	1	1	1	1	1	1

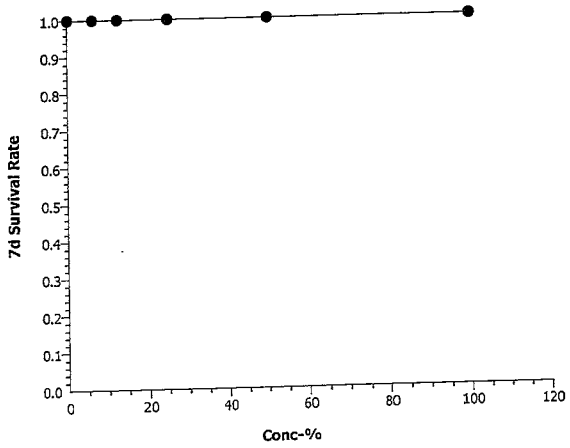
CETIS Analytical Report

Test Code: 20-8061-6901/VCF1209073c

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	06-9922-5487	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:59	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Analyst: _____ QA: _____

CETIS Analytical Report

Test Code: 20-8061-6901/VCF1209073c

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	18-2539-2715	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:59	**Analysis:**	STP 2x2 Contingency Tables	**Official Results:**	Yes
Batch ID:	13-5059-3043	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:54	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	27 Dec-19 14:54	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	N/A	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	10-5779-0234	**Code:**	VCF1209073c	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-Ojai-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed		C > T	Not Run	100	>100	N/A	1	N/A

Fisher Exact/Bonferroni-Holm Test

Control	vs	Conc-%	Test Stat	P-Value	Decision(0.05)
Negative Control		6.25	1	1.0000	Non-Significant Effect
		12.5	1	1.0000	Non-Significant Effect
		25	1	1.0000	Non-Significant Effect
		50	1	1.0000	Non-Significant Effect
		100	1	1.0000	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.8 - NL	Yes	Result Within Limits

Data Summary

Conc-%	Control Type	No-Resp	Resp	Total
0	Negative Contr	10	0	10
6.25		10	0	10
12.5		10	0	10
25		10	0	10
50		10	0	10
100		10	0	10

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
100		1	1	1	1	1	1	1	1	1	1

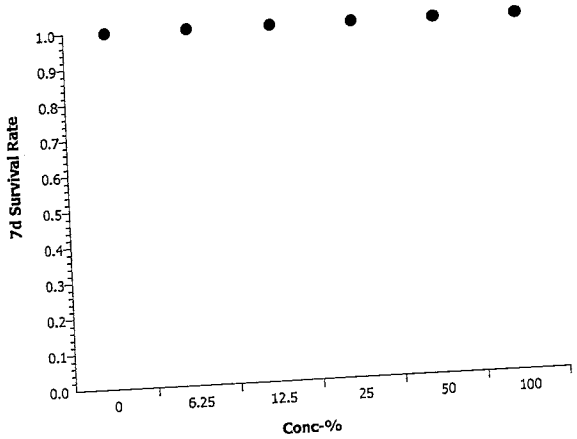
CETIS Analytical Report

Aquatic Bioassay & Consulting Labs, Inc.

Ceriodaphnia 7-d Survival and Reproduction Test

Analysis ID:	18-2539-2715	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:59	**Analysis:**	STP 2x2 Contingency Tables	**Official Results:**	Yes

Graphics



Analyst: _____ QA: _____

CETIS Measurement Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	13-5059-3043	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:54	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	27 Dec-19 14:54	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	N/A	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	10-5779-0234	**Code:**	VCF1209073c	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-Ojai-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61	61	61	61	61	0	0	0.0%	0
100		8	31	31	31	31	31	0	0	0.0%	0
Overall		16	46			31	61				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	354.8	351.4	358.1	339	368	1.628	9.765	2.75%	0
6.25		8	335.1	329.5	340.7	313	355	2.757	16.54	4.94%	0
12.5		8	318.9	313.4	324.3	302	347	2.678	16.07	5.04%	0
25		8	308.8	301.6	315.9	278	344	3.524	21.14	6.85%	0
50		8	278	266.9	289.1	223	299	5.474	32.84	11.81%	0
100		8	126	121	131	109	148	2.462	14.77	11.73%	0
Overall		48	286.9			109	368				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.175	6.856	7.494	5.7	8	0.1573	0.9438	13.15%	0
6.25		8	6.863	6.531	7.194	5.7	7.8	0.1635	0.9812	14.3%	0
12.5		8	6.95	6.661	7.239	5.5	7.7	0.1425	0.8552	12.31%	0
25		8	7.063	6.804	7.321	5.5	7.7	0.1272	0.7633	10.81%	0
50		8	6.95	6.704	7.196	5.6	7.7	0.1212	0.727	10.46%	0
100		8	6.8	6.513	7.087	5.5	7.7	0.1414	0.8485	12.48%	0
Overall		48	6.967			5.5	8				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	95.25	94.2	96.3	93	99	0.5175	3.105	3.26%	0
100		8	44	44	44	44	44	0	0	0.0%	0
Overall		16	69.63			44	99				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	8.138	8.078	8.197	7.9	8.3	0.02946	0.1768	2.17%	0
6.25		8	7.938	7.88	7.995	7.6	8.1	0.02808	0.1685	2.12%	0
12.5		8	7.9	7.846	7.954	7.6	8.1	0.02673	0.1604	2.03%	0
25		8	7.863	7.818	7.907	7.6	8	0.02171	0.1302	1.66%	0
50		8	7.838	7.797	7.878	7.6	8	0.0198	0.1188	1.52%	0
100		8	7.863	7.827	7.898	7.7	8	0.01768	0.1061	1.35%	0
Overall		48	7.923			7.6	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.18	24.09	24.26	24	24.8	0.04341	0.2605	1.08%	0
6.25		8	24.33	24.26	24.39	24	24.5	0.03421	0.2053	0.84%	0
12.5		8	24.23	24.14	24.31	24	24.7	0.04058	0.2435	1.01%	0
25		8	24.31	24.22	24.4	24	24.7	0.04403	0.2642	1.09%	0
50		8	24.35	24.24	24.46	24	24.9	0.05564	0.3338	1.37%	0
100		8	24.51	24.28	24.75	24	26	0.116	0.6958	2.84%	0
Overall		48	24.32			24	26				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	61	61	61	61	61	61	61	61
100		31	31	31	31	31	31	31	31

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	339	358	355	345	350	358	368	365
6.25		313	326	318	329	335	350	355	355
12.5		302	311	305	308	315	328	335	347
25		278	284	304	344	310	310	315	325
50		223	229	279	299	298	299	298	299
100		110	109	110	129	129	135	138	148

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.8	8	7	7.3	5.7	7.9	7.9	5.8
6.25		7.7	6	5.7	6.5	7.7	7.8	7.8	5.7
12.5		7.7	6.6	6.1	6.7	7.6	7.7	7.7	5.5
25		7.7	6.9	6.8	6.7	7.5	7.7	7.7	5.5
50		7.7	6.8	6.3	6.8	7.3	7.5	7.6	5.6
100		7.7	6.3	5.8	6.8	7.2	7.5	7.6	5.5

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	99	99	99	93	93	93	93	93
100		44	44	44	44	44	44	44	44

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.3	7.9	7.9	8.3	8.3	8.2	8.2	8
6.25		7.9	7.8	7.6	8	8	8.1	8.1	8
12.5		7.8	7.8	7.6	7.9	8	8	8.1	8
25		7.8	7.8	7.6	7.9	8	7.9	8	7.9
50		7.8	7.8	7.6	7.9	8	7.9	7.8	7.9
100		7.9	7.7	7.7	7.9	8	7.9	7.9	7.9

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.2	24.1	24	24.8	24	24.1	24.1	24.1
6.25		24.2	24.1	24.5	24.3	24.5	24.5	24	24.5
12.5		24.2	24	24.5	24.7	24.1	24.1	24.1	24.1
25		24.4	24	24.7	24.7	24.2	24.2	24.2	24.1
50		24.4	24	24.9	24.8	24.1	24.3	24.2	24.1
100		24.9	24	26	24.8	24.1	24.1	24.1	24.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-Ojai-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.073

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	<6.25 %
	TUc =	>16.00
	IC25 =	<6.25 %
	IC50 =	<6.25 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Test Code: 02-9502-2257/VCF1209073f

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	11-4150-0021	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 11:51	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	13-4556-6760	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:54	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:54	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	07-5888-2482	**Code:**	VCF1209073f	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-Ojai-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	<6.25	6.25	N/A	>16	12.92%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25*	4.488	2.407	0.03763	0.0007	Significant Effect
		12.5*	4.585	2.407	0.03763	0.0005	Significant Effect
		25*	3.785	2.407	0.03763	0.0029	Significant Effect
		50*	4.275	2.407	0.03763	0.0010	Significant Effect
		100*	3.742	2.407	0.03763	0.0032	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.2913	0.25 - NL	Yes	Result Within Limits
PMSD	0.1292	0.12 - 0.3	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.361	2.802	0.2944	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.01480171	0.002960341	5	6.057	0.0019	Significant Effect
Error	0.008797959	0.0004887755	18			
Total	0.02359967	0.003449117	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	3.873	15.09	0.5679	Equal Variances
Variances	Mod Levene Equality of Variance	0.5192	4.248	0.7585	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9836		0.9515	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1144	0.2056	0.5845	Normal Distribution
Distribution	D'Agostino Skewness	0.6185	2.576	0.5362	Normal Distribution
Distribution	D'Agostino Kurtosis	0.4233	2.576	0.6721	Normal Distribution
Distribution	D'Agostino Omnibus	0.5617	9.21	0.7551	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.2913	0.2818	0.3009	0.2713	0.328	0.004675	0.02518	8.64%	0.0%
6.25		4	0.2212	0.2131	0.2292	0.1947	0.246	0.003943	0.02124	9.6%	24.09%
12.5		4	0.2197	0.212	0.2273	0.19	0.2327	0.00373	0.02009	9.14%	24.6%
25		4	0.2322	0.2282	0.2361	0.2213	0.2413	0.001919	0.01034	4.45%	20.31%
50		4	0.2245	0.2187	0.2303	0.2153	0.2473	0.002835	0.01527	6.8%	22.94%
100		4	0.2328	0.2202	0.2455	0.1867	0.2613	0.006171	0.03323	14.27%	20.08%

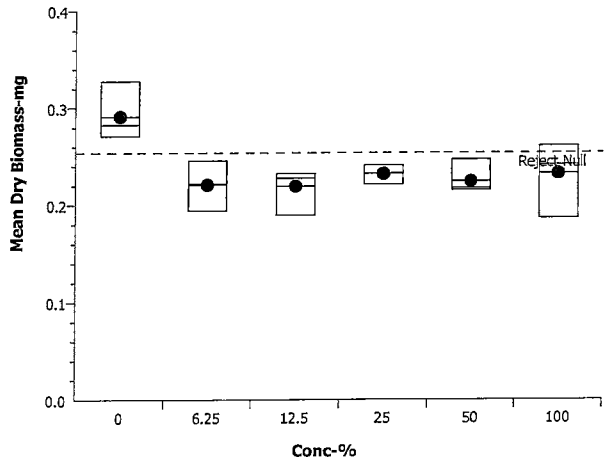
Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

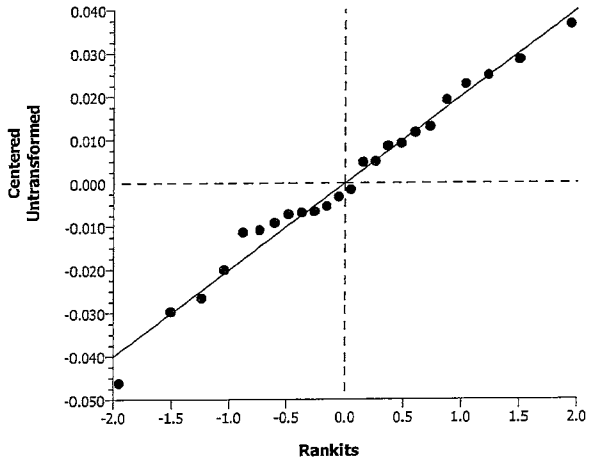
Analysis ID:	11-4150-0021	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 11:51	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.286	0.328	0.2713	0.28
6.25		0.226	0.246	0.218	0.1947
12.5		0.2247	0.2313	0.19	0.2327
25		0.2213	0.2253	0.2413	0.2407
50		0.2153	0.2173	0.2473	0.218
100		0.1867	0.2313	0.252	0.2613

Graphics





Analyst: _____ QA: _____

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	11-5534-8995	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 11:49	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	13-4556-6760	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:54	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:54	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	07-5888-2482	**Code:**	VCF1209073f	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-Ojai-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	10.37%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	0.7771	2.407	0.1892	0.5227	Non-Significant Effect
		12.5	0.4189	2.407	0.1892	0.6822	Non-Significant Effect
		25	0	2.407	0.1892	0.8333	Non-Significant Effect
		50	1.84	2.407	0.1892	0.1361	Non-Significant Effect
		100	1.063	2.407	0.1892	0.3944	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.214	2.802	0.4802	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.06165013	0.01233003	5	0.9978	0.4469	Non-Significant Effect
Error	0.222437	0.01235761	18			
Total	0.2840871	0.02468764	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	4.013	15.09	0.5475	Equal Variances
Variances	Mod Levene Equality of Variance	1.278	4.248	0.3161	Equal Variances
Distribution	Shapiro-Wilk Normality	0.96		0.4391	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.2144	0.2056	0.0057	Non-normal Distribution
Distribution	D'Agostino Skewness	1.003	2.576	0.3160	Normal Distribution
Distribution	D'Agostino Kurtosis	0.1684	2.576	0.8662	Normal Distribution
Distribution	D'Agostino Omnibus	1.034	9.21	0.5963	Normal Distribution

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 11-5534-8995 Endpoint: 7d Survival Rate CETIS Version: CETISv1.7.0
Analyzed: 10 Jan-10 11:49 Analysis: Parametric-Control vs Treatments Official Results: Yes

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9833	0.9707	0.996	0.9333	1	0.00619	0.03333	3.39%	0.0%
6.25		4	0.95	0.9257	0.9743	0.8667	1	0.01185	0.06383	6.72%	3.39%
12.5		4	0.9667	0.952	0.9813	0.9333	1	0.007147	0.03849	3.98%	1.7%
25		4	0.9833	0.9707	0.996	0.9333	1	0.00619	0.03333	3.39%	0.0%
50		4	0.9	0.8673	0.9327	0.8	1	0.01598	0.08607	9.56%	8.48%
100		4	0.9333	0.8975	0.9692	0.8	1	0.01751	0.09428	10.1%	5.09%

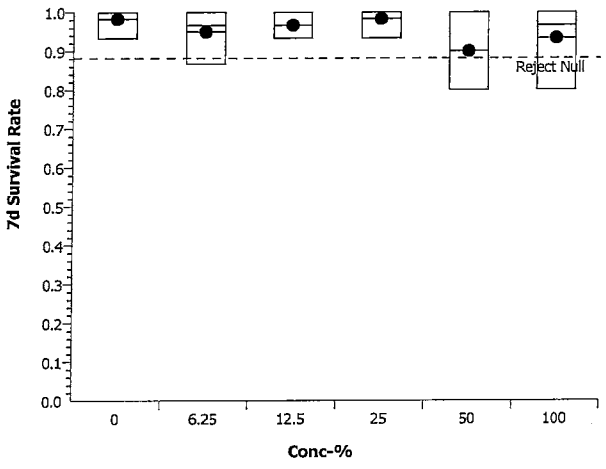
Angular (Corrected) Transformed Summary

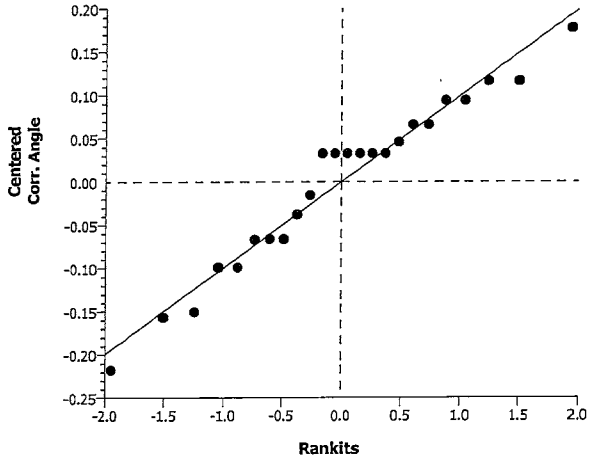
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.408	1.383	1.433	1.31	1.441	0.01223	0.06585	4.68%	0.0%
6.25		4	1.347	1.302	1.392	1.197	1.441	0.02189	0.1179	8.75%	4.34%
12.5		4	1.375	1.347	1.404	1.31	1.441	0.01412	0.07603	5.53%	2.34%
25		4	1.408	1.383	1.433	1.31	1.441	0.01223	0.06585	4.68%	0.0%
50		4	1.264	1.209	1.319	1.107	1.441	0.02683	0.1445	11.43%	10.27%
100		4	1.325	1.265	1.385	1.107	1.441	0.02931	0.1579	11.92%	5.93%

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		1	1	0.9333	0.8667
12.5		1	0.9333	0.9333	1
25		0.9333	1	1	1
50		1	0.8	0.8667	0.9333
100		0.8	1	0.9333	1

Graphics





CETIS Analytical Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	20-9790-2838	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 11:49	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	13-4556-6760	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:54	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:54	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	07-5888-2482	**Code:**	VCF1209073f	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-Ojai-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	5334240	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	-16.31	0.25 - NL	Yes	Result Below Limit

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	<6.25	N/A	N/A	>16	N/A	N/A
IC10	<6.25	N/A	N/A	>16	N/A	N/A
IC15	<6.25	N/A	N/A	>16	N/A	N/A
IC20	<6.25	N/A	N/A	>16	N/A	N/A
IC25	<6.25	N/A	N/A	>16	N/A	N/A
IC40	<6.25	N/A	N/A	>16	N/A	N/A
IC50	<6.25	N/A	N/A	>16	N/A	N/A

Mean Dry Biomass-mg Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	-16.31	-66.34	0.538	6.089	33.35	-204.5%	0.0%
6.25		4	0.2212	0.1947	0.246	0.003877	0.02124	9.6%	101.4%
12.5		4	0.2197	0.19	0.2327	0.003667	0.02009	9.14%	101.3%
25		4	0.2322	0.2213	0.2413	0.001887	0.01034	4.45%	101.4%
50		4	0.2245	0.2153	0.2473	0.002788	0.01527	6.8%	101.4%
100		4	0.2328	0.1867	0.2613	0.006068	0.03323	14.27%	101.4%

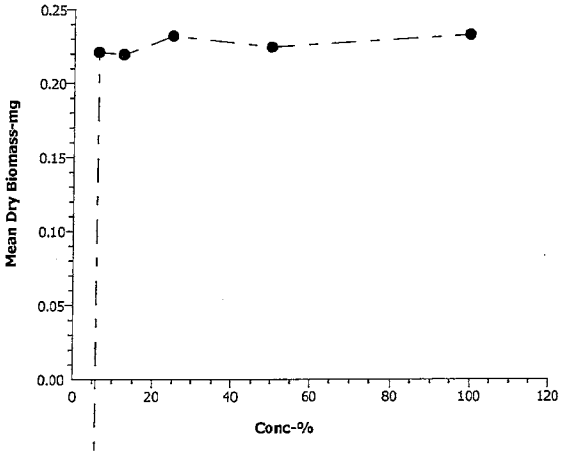
Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.286	-66.34	0.538	0.28
6.25		0.226	0.246	0.218	0.1947
12.5		0.2247	0.2313	0.19	0.2327
25		0.2213	0.2253	0.2413	0.2407
50		0.2153	0.2173	0.2473	0.218
100		0.1867	0.2313	0.252	0.2613

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	20-9790-2838	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 11:49	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	08-2146-3295	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 11:49	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	13-4556-6760	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:54	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:54	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	07-5888-2482	**Code:**	VCF1209073f	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-Ojai-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7055475	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.214	2.802	0.4802	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	41.25	15.25	N/A	2.424	N/A	6.557
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	0.9833	0.9333	1	0.006086	0.03333	3.39%	0.0%	59	60
6.25		4	0.95	0.8667	1	0.01165	0.06383	6.72%	3.39%	57	60
12.5		4	0.9667	0.9333	1	0.007027	0.03849	3.98%	1.7%	58	60
25		4	0.9833	0.9333	1	0.006086	0.03333	3.39%	0.0%	59	60
50		4	0.9	0.8	1	0.01571	0.08607	9.56%	8.48%	54	60
100		4	0.9333	0.8	1	0.01721	0.09428	10.1%	5.09%	56	60

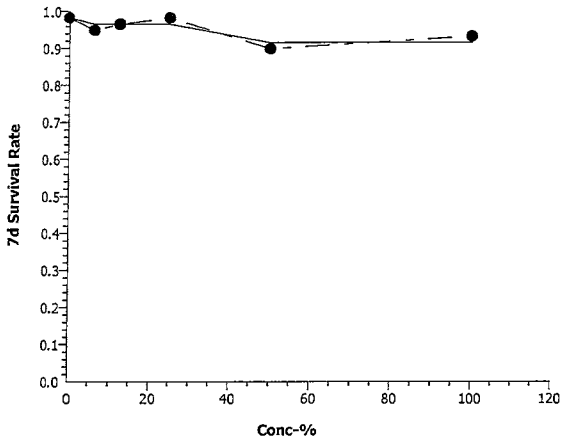
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		1	1	0.9333	0.8667
12.5		1	0.9333	0.9333	1
25		0.9333	1	1	1
50		1	0.8	0.8667	0.9333
100		0.8	1	0.9333	1

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	08-2146-3295	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 11:49	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	13-4556-6760	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:54	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:54	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	07-5888-2482	**Code:**	VCF1209073f	**Client:**	VCWPD
Sample Date:	07 Dec-09 13:45	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-Ojai-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61	61	61	61	61	0	0	0.0%	0
100		8	31	31	31	31	31	0	0	0.0%	0
Overall		16	46			31	61				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	354.8	351.4	358.1	339	368	1.628	9.765	2.75%	0
6.25		8	335.1	329.5	340.7	313	355	2.757	16.54	4.94%	0
12.5		8	318.9	313.4	324.3	302	347	2.678	16.07	5.04%	0
25		8	308.8	301.6	315.9	278	344	3.524	21.14	6.85%	0
50		8	278	266.9	289.1	223	299	5.474	32.84	11.81%	0
100		8	126	121	131	109	148	2.462	14.77	11.73%	0
Overall		48	286.9			109	368				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.175	6.856	7.494	5.7	8	0.1573	0.9438	13.15%	0
6.25		8	6.863	6.531	7.194	5.7	7.8	0.1635	0.9812	14.3%	0
12.5		8	6.95	6.661	7.239	5.5	7.7	0.1425	0.8552	12.31%	0
25		8	7.063	6.804	7.321	5.5	7.7	0.1272	0.7633	10.81%	0
50		8	6.95	6.704	7.196	5.6	7.7	0.1212	0.727	10.46%	0
100		8	6.8	6.513	7.087	5.5	7.7	0.1414	0.8485	12.48%	0
Overall		48	6.967			5.5	8				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	95.25	94.2	96.3	93	99	0.5175	3.105	3.26%	0
100		8	44	44	44	44	44	0	0	0.0%	0
Overall		16	69.63			44	99				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	8.138	8.078	8.197	7.9	8.3	0.02946	0.1768	2.17%	0
6.25		8	7.938	7.88	7.995	7.6	8.1	0.02808	0.1685	2.12%	0
12.5		8	7.9	7.846	7.954	7.6	8.1	0.02673	0.1604	2.03%	0
25		8	7.863	7.818	7.907	7.6	8	0.02171	0.1302	1.66%	0
50		8	7.838	7.797	7.878	7.6	8	0.0198	0.1188	1.52%	0
100		8	7.863	7.827	7.898	7.7	8	0.01768	0.1061	1.35%	0
Overall		48	7.923			7.6	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.18	24.09	24.26	24	24.8	0.04341	0.2605	1.08%	0
6.25		8	24.33	24.26	24.39	24	24.5	0.03421	0.2053	0.84%	0
12.5		8	24.23	24.14	24.31	24	24.7	0.04058	0.2435	1.01%	0
25		8	24.31	24.22	24.4	24	24.7	0.04403	0.2642	1.09%	0
50		8	24.35	24.24	24.46	24	24.9	0.05564	0.3338	1.37%	0
100		8	24.51	24.28	24.75	24	26	0.116	0.6958	2.84%	0
Overall		48	24.32			24	26				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	61	61	61	61	61	61	61	61
100		31	31	31	31	31	31	31	31

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	339	358	355	345	350	358	368	365
6.25		313	326	318	329	335	350	355	355
12.5		302	311	305	308	315	328	335	347
25		278	284	304	344	310	310	315	325
50		223	229	279	299	298	299	298	299
100		110	109	110	129	129	135	138	148

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.8	8	7	7.3	5.7	7.9	7.9	5.8
6.25		7.7	6	5.7	6.5	7.7	7.8	7.8	5.7
12.5		7.7	6.6	6.1	6.7	7.6	7.7	7.7	5.5
25		7.7	6.9	6.8	6.7	7.5	7.7	7.7	5.5
50		7.7	6.8	6.3	6.8	7.3	7.5	7.6	5.6
100		7.7	6.3	5.8	6.8	7.2	7.5	7.6	5.5

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	99	99	99	93	93	93	93	93
100		44	44	44	44	44	44	44	44

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.3	7.9	7.9	8.3	8.3	8.2	8.2	8
6.25		7.9	7.8	7.6	8	8	8.1	8.1	8
12.5		7.8	7.8	7.6	7.9	8	8	8.1	8
25		7.8	7.8	7.6	7.9	8	7.9	8	7.9
50		7.8	7.8	7.6	7.9	8	7.9	7.8	7.9
100		7.9	7.7	7.7	7.9	8	7.9	7.9	7.9

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.2	24.1	24	24.8	24	24.1	24.1	24.1
6.25		24.2	24.1	24.5	24.3	24.5	24.5	24	24.5
12.5		24.2	24	24.5	24.7	24.1	24.1	24.1	24.1
25		24.4	24	24.7	24.7	24.2	24.2	24.2	24.1
50		24.4	24	24.9	24.8	24.1	24.3	24.2	24.1
100		24.9	24	26	24.8	24.1	24.1	24.1	24.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-MOaks-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.074

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC = 100.00 %
TUc = 1.00

IC25 = >100.00 %
IC50 = >100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	20-8729-5327	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 9:25	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	09-2880-3923	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:32	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 20:32	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	11-0679-5753	**Code:**	VCF1209074s	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	30h (3.3 °C)	**Station:**	MO-MOaks-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	11.01%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25*	5.545	2.407	119400	<0.0001	Significant Effect
		12.5*	4.476	2.407	119400	0.0007	Significant Effect
		25	-7.621	2.407	119400	1.0000	Non-Significant Effect
		50	-5.948	2.407	119400	1.0000	Non-Significant Effect
		100	-4.118	2.407	119400	1.0000	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control CV	0.07074	NL - 0.2	Yes	Result Within Limits
Control Resp	1.08E+6	1.00E+6 - NL	Yes	Result Within Limits
PMSD	0.1101	0.091 - 0.29	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.732	2.802	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	1.489751E+12	2.979502E+11	5	60.56	<0.0001	Significant Effect
Error	88558750000	4919930000	18			
Total	1.57831E+12	3.028701E+11	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	3.585	15.09	0.6105	Equal Variances
Variances	Mod Levene Equality of Variance	1.307	4.248	0.3050	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9635		0.5116	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.08943	0.2056	1.0000	Normal Distribution
Distribution	D'Agostino Skewness	0.1731	2.576	0.8626	Normal Distribution
Distribution	D'Agostino Kurtosis	1.451	2.576	0.1467	Normal Distribution
Distribution	D'Agostino Omnibus	2.136	9.21	0.3436	Normal Distribution

Cell Density Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.084E+6	1.055E+6	1.113E+6	1.002E+6	1.169E+6	1.424E+4	7.670E+4	7.07%	0.0%
6.25		4	8.093E+5	7.983E+5	8.202E+5	7.700E+5	8.330E+5	5.325E+3	2.868E+4	3.54%	25.36%
12.5		4	8.623E+5	8.431E+5	8.814E+5	8.110E+5	9.210E+5	9.358E+3	5.039E+4	5.84%	20.47%
25		4	1.462E+6	1.429E+6	1.496E+6	1.388E+6	1.566E+6	1.646E+4	8.861E+4	6.06%	-34.86%
50		4	1.379E+6	1.351E+6	1.408E+6	1.281E+6	1.453E+6	1.381E+4	7.437E+4	5.39%	-27.21%
100		4	1.289E+6	1.257E+6	1.320E+6	1.196E+6	1.396E+6	1.542E+4	8.302E+4	6.44%	-18.84%

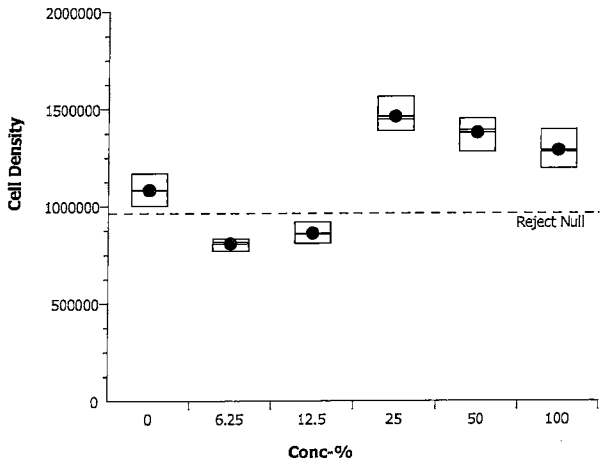
Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

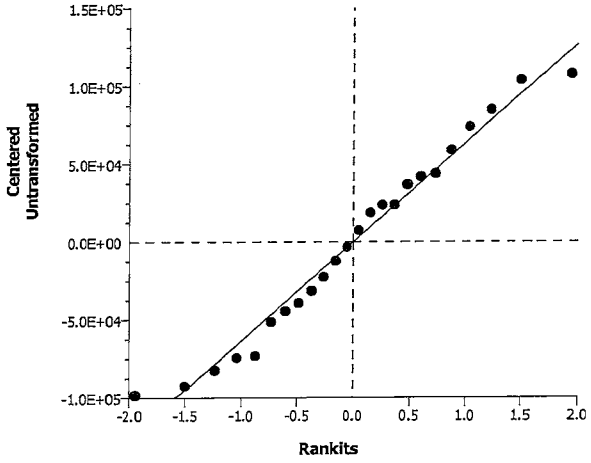
Analysis ID:	20-8729-5327	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 9:25	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.040E+6	1.169E+6	1.002E+6	1.126E+6
6.25		8.280E+5	8.060E+5	8.330E+5	7.700E+5
12.5		9.210E+5	8.860E+5	8.310E+5	8.110E+5
25		1.566E+6	1.388E+6	1.506E+6	1.389E+6
50		1.453E+6	1.416E+6	1.367E+6	1.281E+6
100		1.296E+6	1.266E+6	1.396E+6	1.196E+6

Graphics





CETIS Analytical Report

Test Code: 14-7395-2328/VCF1209074s

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	06-2384-3948	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 9:25	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	09-2880-3923	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:32	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 20:32	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	11-0679-5753	**Code:**	VCF1209074s	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	30h (3.3 °C)	**Station:**	MO-MOaks-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	562369	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control CV	0.07074	NL - 0.2	Yes	Result Within Limits
Control Resp	1.08E+6	1.00E+6 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.732	2.802	1.0000	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	>100	N/A	N/A	<1	N/A	N/A
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Cell Density Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.084E+6	1.002E+6	1.169E+6	1.400E+4	7.670E+4	7.07%	0.0%
6.25		4	8.093E+5	7.700E+5	8.330E+5	5.235E+3	2.868E+4	3.54%	25.36%
12.5		4	8.623E+5	8.110E+5	9.210E+5	9.201E+3	5.039E+4	5.84%	20.47%
25		4	1.462E+6	1.388E+6	1.566E+6	1.618E+4	8.861E+4	6.06%	-34.86%
50		4	1.379E+6	1.281E+6	1.453E+6	1.358E+4	7.437E+4	5.39%	-27.21%
100		4	1.289E+6	1.196E+6	1.396E+6	1.516E+4	8.302E+4	6.44%	-18.84%

Cell Density Detail

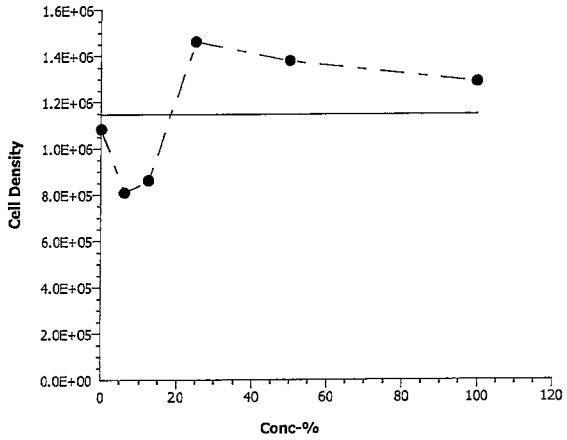
Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.040E+6	1.169E+6	1.002E+6	1.126E+6
6.25		8.280E+5	8.060E+5	8.330E+5	7.700E+5
12.5		9.210E+5	8.860E+5	8.310E+5	8.110E+5
25		1.566E+6	1.388E+6	1.506E+6	1.389E+6
50		1.453E+6	1.416E+6	1.367E+6	1.281E+6
100		1.296E+6	1.266E+6	1.396E+6	1.196E+6

Analyst: QA: e

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	06-2384-3948	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 9:25	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	09-2880-3923	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:32	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 20:32	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	11-0679-5753	**Code:**	VCF1209074s	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	30h (3.3 °C)	**Station:**	MO-MOaks-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	67			67	67	0	0	0.0%	0
6.25		1	45			45	45	0	0	0.0%	0
12.5		1	50			50	50	0	0	0.0%	0
25		1	50			50	50	0	0	0.0%	0
50		1	47			47	47	0	0	0.0%	0
100		1	46			46	46	0	0	0.0%	0
Overall		6	50.83			45	67				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	507.4	503.8	511	493	520	1.797	10.78	2.13%	0
6.25		5	551.2	472.1	630.3	419	968	38.97	233.8	42.43%	0
12.5		5	412.2	408.9	415.5	395	419	1.622	9.731	2.36%	0
25		5	396.4	392.1	400.7	384	416	2.097	12.58	3.17%	0
50		5	336.2	331.8	340.6	325	356	2.145	12.87	3.83%	0
100		5	227.8	225.4	230.2	216	235	1.187	7.12	3.13%	0
Overall		30	405.2			216	968				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	98			98	98	0	0	0.0%	0
6.25		1	75			75	75	0	0	0.0%	0
12.5		1	83			83	83	0	0	0.0%	0
25		1	82			82	82	0	0	0.0%	0
50		1	95			95	95	0	0	0.0%	0
100		1	82			82	82	0	0	0.0%	0
Overall		6	85.83			75	98				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	7.96	7.866	8.054	7.7	8.3	0.04655	0.2793	3.51%	0
6.25		5	7.78	7.724	7.836	7.6	8	0.02739	0.1643	2.11%	0
12.5		5	7.76	7.699	7.821	7.6	8	0.03028	0.1817	2.34%	0
25		5	7.76	7.709	7.811	7.6	8	0.02528	0.1517	1.95%	0
50		5	7.74	7.701	7.779	7.6	7.9	0.019	0.114	1.47%	0
100		5	7.68	7.652	7.708	7.6	7.8	0.01394	0.08367	1.09%	0
Overall		30	7.78			7.6	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	24	24	24	24	24	0	0	0.0%	0
6.25		5	24	24	24	24	24	0	0	0.0%	0
12.5		5	24	24	24	24	24	0	0	0.0%	0
25		5	24	24	24	24	24	0	0	0.0%	0
50		5	24	24	24	24	24	0	0	0.0%	0
100		5	24	24	24	24	24	0	0	0.0%	0
Overall		30	24			24	24				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	67				
6.25		45				
12.5		50				
25		50				
50		47				
100		46				

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	520	493	501	508	515
6.25		438	419	470	461	968
12.5		416	395	415	416	419
25		416	384	399	396	387
50		356	327	342	331	325
100		229	216	228	231	235

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	98				
6.25		75				
12.5		83				
25		82				
50		95				
100		82				

pH-Units

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	8.3	8.2	7.9	7.7	7.7
6.25		8	7.9	7.7	7.6	7.7
12.5		8	7.9	7.6	7.6	7.7
25		8	7.8	7.6	7.7	7.7
50		7.9	7.8	7.6	7.7	7.7
100		7.8	7.6	7.6	7.7	7.7

Temperature-°C

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	24	24	24	24	24
6.25		24	24	24	24	24
12.5		24	24	24	24	24
25		24	24	24	24	24
50		24	24	24	24	24
100		24	24	24	24	24

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-MOaks-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.074

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	17-4197-9476	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:12	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	06-5755-5579	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	19-0181-0445	**Code:**	VCF1209074c	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	15.43%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	-2.101	2.289	3.596	0.9997	Non-Significant Effect
		12.5	-2.164	2.289	3.596	0.9997	Non-Significant Effect
		25	0	2.289	3.596	0.8333	Non-Significant Effect
		50	-0.4456	2.289	3.596	0.9329	Non-Significant Effect
		100	0.7002	2.289	3.596	0.5552	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	23.3	15 - NL	Yes	Result Within Limits
PMSD	0.1543	0.13 - 0.47	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.886	3.2	0.1697	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	175.35	35.07	5	2.842	0.0238	Significant Effect
Error	666.3	12.33889	54			
Total	841.65	47.40889	59			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	14.48	15.09	0.0128	Equal Variances
Variances	Mod Levene Equality of Variance	2.884	3.377	0.0222	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9894		0.8834	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.07373	0.1331	0.5426	Normal Distribution
Distribution	D'Agostino Skewness	0.1917	2.576	0.8480	Normal Distribution
Distribution	D'Agostino Kurtosis	1.202	2.576	0.2292	Normal Distribution
Distribution	D'Agostino Omnibus	1.482	9.21	0.4765	Normal Distribution

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	23.3	21.26	25.34	14	33	0.9983	5.376	23.07%	0.0%
6.25		10	26.6	25.26	27.94	20	31	0.6562	3.534	13.29%	-14.16%
12.5		10	26.7	25.14	28.26	21	33	0.7634	4.111	15.4%	-14.59%
25		10	23.3	22.18	24.42	19	28	0.547	2.946	12.64%	0.0%
50		10	24	23.31	24.69	22	27	0.339	1.826	7.61%	-3.0%
100		10	22.2	21.47	22.93	18	25	0.3588	1.932	8.7%	4.72%

Analyst: QA: pass

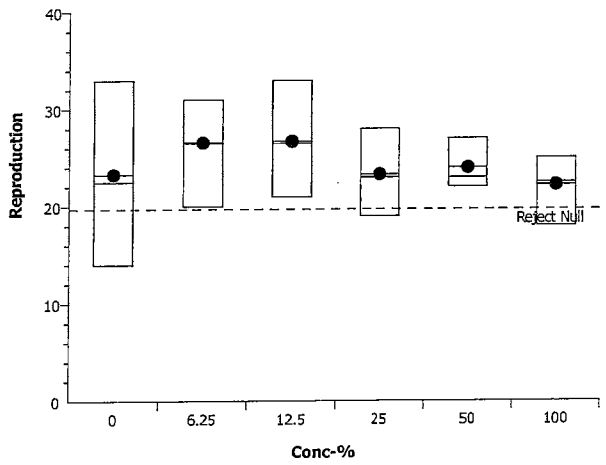
Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

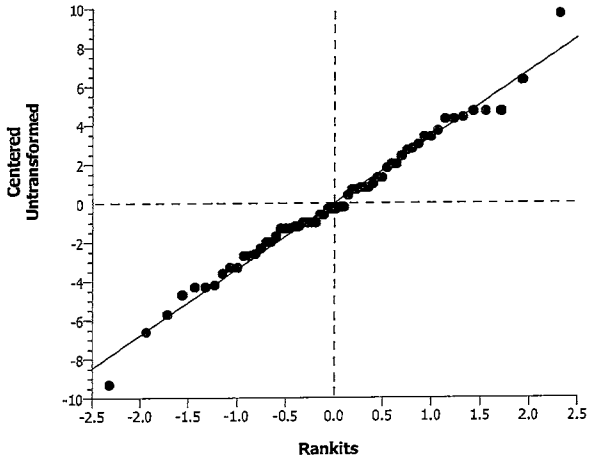
Analysis ID:	17-4197-9476	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:12	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	27	28	33	20	23	21	26	19	22	14
6.25		29	24	26	27	20	23	26	31	30	30
12.5		31	31	33	28	28	25	24	24	22	21
25		24	28	23	28	22	20	19	23	22	24
50		23	22	22	23	26	27	26	23	23	25
100		23	22	23	21	25	21	22	24	18	23

Graphics





CETIS Analytical Report

Test Code: 14-9124-8647/VCF1209074c

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	14-8696-2550	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:12	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	06-5755-5579	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	19-0181-0445	**Code:**	VCF1209074c	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	8626193	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	23.3	15 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.886	3.2	0.1697	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	20.97	11.6	78.43	4.768	1.275	8.62
IC10	73.1	20.17	N/A	1.368	N/A	4.957
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Reproduction Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	23.3	14	33	0.9815	5.376	23.07%	0.0%
6.25		10	26.6	20	31	0.6452	3.534	13.29%	-14.16%
12.5		10	26.7	21	33	0.7506	4.111	15.4%	-14.59%
25		10	23.3	19	28	0.5378	2.946	12.64%	0.0%
50		10	24	22	27	0.3333	1.826	7.61%	-3.0%
100		10	22.2	18	25	0.3528	1.932	8.7%	4.72%

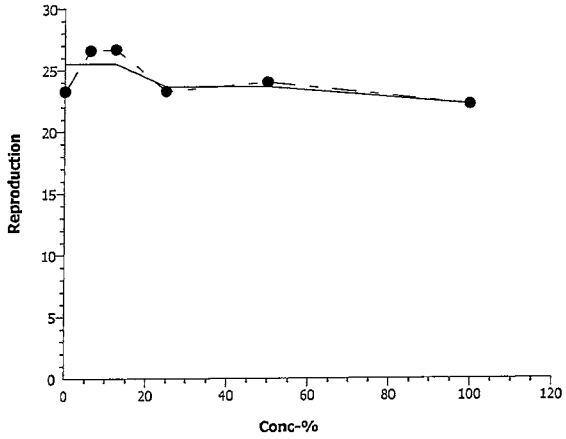
Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	27	28	33	20	23	21	26	19	22	14
6.25		29	24	26	27	20	23	26	31	30	30
12.5		31	31	33	28	28	25	24	24	22	21
25		24	28	23	28	22	20	19	23	22	24
50		23	22	22	23	26	27	26	23	23	25
100		23	22	23	21	25	21	22	24	18	23

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	14-8696-2550	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:12	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	20-5275-8162	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:12	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	06-5755-5579	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	19-0181-0445	**Code:**	VCF1209074c	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	4140327	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.8 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	10	1	1	1	0	0	0.0%	0.0%	10	10
6.25		10	1	1	1	0	0	0.0%	0.0%	10	10
12.5		10	1	1	1	0	0	0.0%	0.0%	10	10
25		10	1	1	1	0	0	0.0%	0.0%	10	10
50		10	1	1	1	0	0	0.0%	0.0%	10	10
100		10	1	1	1	0	0	0.0%	0.0%	10	10

7d Survival Rate Detail

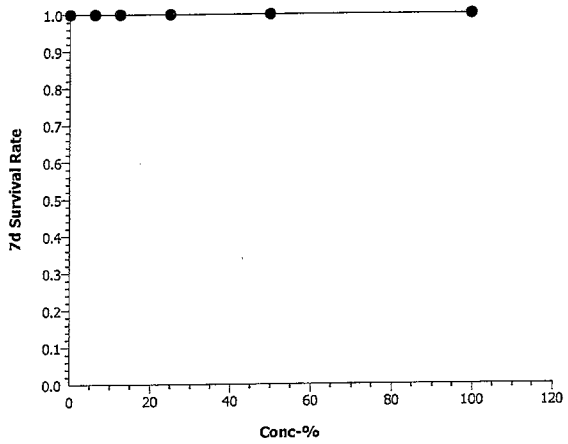
Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
100		1	1	1	1	1	1	1	1	1	1

Analyst: _____ QA: _____

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	20-5275-8162	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:12	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	10-6189-2024	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:12	**Analysis:**	STP 2x2 Contingency Tables	**Official Results:**	Yes
Batch ID:	06-5755-5579	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	19-0181-0445	**Code:**	VCF1209074c	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed		C > T	Not Run	100	>100	N/A	1	N/A

Fisher Exact/Bonferroni-Holm Test

Control	vs	Conc-%	Test Stat	P-Value	Decision(0.05)
Negative Control		6.25	1	1.0000	Non-Significant Effect
		12.5	1	1.0000	Non-Significant Effect
		25	1	1.0000	Non-Significant Effect
		50	1	1.0000	Non-Significant Effect
		100	1	1.0000	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.8 - NL	Yes	Result Within Limits

Data Summary

Conc-%	Control Type	No-Resp	Resp	Total
0	Negative Contr	10	0	10
6.25		10	0	10
12.5		10	0	10
25		10	0	10
50		10	0	10
100		10	0	10

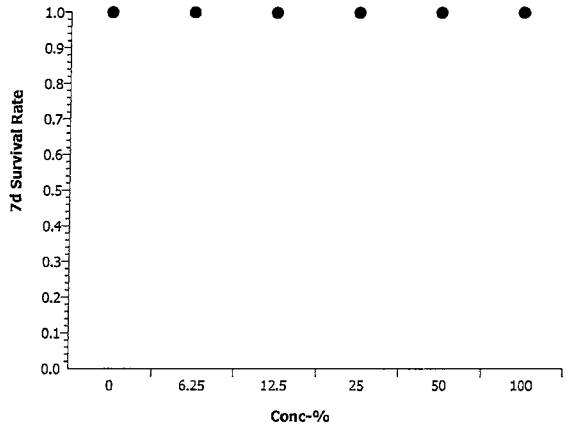
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
100		1	1	1	1	1	1	1	1	1	1

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	10-6189-2024	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:12	**Analysis:**	STP 2x2 Contingency Tables	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	06-5755-5579	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	19-0181-0445	**Code:**	VCF1209074c	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61	61	61	61	61	0	0	0.0%	0
100		8	44	44	44	44	44	0	0	0.0%	0
Overall		16	52.5			44	61				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	353.1	350.3	355.9	339	365	1.367	8.202	2.32%	0
6.25		8	328.9	324.3	333.4	310	349	2.247	13.48	4.1%	0
12.5		8	315.6	312.1	319.1	304	335	1.713	10.28	3.26%	0
25		8	287.4	286.4	288.4	282	293	0.4955	2.973	1.04%	0
50		8	244.3	241.8	246.7	234	255	1.188	7.126	2.92%	0
100		8	142	138.8	145.2	133	158	1.558	9.35	6.59%	0
Overall		48	278.5			133	365				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.313	7.068	7.557	5.8	7.9	0.1203	0.722	9.87%	0
6.25		8	6.913	6.621	7.204	5.7	7.9	0.1438	0.8626	12.48%	0
12.5		8	6.925	6.648	7.202	5.6	7.8	0.1365	0.819	11.83%	0
25		8	6.988	6.736	7.239	5.7	7.8	0.1239	0.7434	10.64%	0
50		8	6.888	6.62	7.155	5.7	7.8	0.132	0.7918	11.5%	0
100		8	6.538	6.264	6.811	5.7	7.7	0.1345	0.807	12.34%	0
Overall		48	6.927			5.6	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	95.25	94.2	96.3	93	99	0.5175	3.105	3.26%	0
100		8	90	90	90	90	90	0	0	0.0%	0
Overall		16	92.63			90	99				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	8.138	8.078	8.197	7.9	8.3	0.02946	0.1768	2.17%	0
6.25		8	7.925	7.858	7.992	7.6	8.2	0.03303	0.1982	2.5%	0
12.5		8	7.888	7.832	7.943	7.6	8.1	0.02737	0.1642	2.08%	0
25		8	7.8	7.764	7.836	7.6	7.9	0.01782	0.1069	1.37%	0
50		8	7.813	7.774	7.851	7.6	7.9	0.01877	0.1126	1.44%	0
100		8	7.8	7.756	7.844	7.6	7.9	0.02182	0.1309	1.68%	0
Overall		48	7.894			7.6	8.3				0 (0%)

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.18	24.09	24.26	24	24.8	0.04341	0.2605	1.08%	0
6.25		8	24.2	24.12	24.28	24	24.8	0.04178	0.2507	1.04%	0
12.5		8	24.23	24.14	24.31	24	24.8	0.04154	0.2493	1.03%	0
25		8	24.3	24.21	24.39	24	24.8	0.04629	0.2777	1.14%	0
50		8	24.24	24.12	24.35	24	25	0.0563	0.3378	1.39%	0
100		8	24.28	24.19	24.36	24	24.8	0.04249	0.2549	1.05%	0
Overall		48	24.24			24	25				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	61	61	61	61	61	61	61	61
100		44	44	44	44	44	44	44	44

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	339	358	355	345	350	355	358	365
6.25		310	327	320	321	328	328	348	349
12.5		306	317	304	309	314	315	325	335
25		282	293	287	288	288	287	287	287
50		234	243	238	239	245	250	250	255
100		133	134	136	133	145	148	149	158

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.8	7	7	7.3	7.8	7.9	7.9	5.8
6.25		7.7	6.9	6.1	6.1	7.1	7.8	7.9	5.7
12.5		7.7	7	6.6	6	7	7.7	7.8	5.6
25		7.8	7	6.8	6.3	6.9	7.6	7.8	5.7
50		7.8	6.9	6	6.5	6.9	7.5	7.8	5.7
100		7.7	6.4	5.7	6.7	6.9	7.5	5.7	5.7

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	99	99	99	93	93	93	93	93
100		90	90	90	90	90	90	90	90

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.3	7.9	7.9	8.3	8.3	8.2	8.2	8
6.25		7.9	7.6	7.7	7.9	8	8.2	8.1	8
12.5		7.9	7.7	7.6	7.9	8	8.1	8	7.9
25		7.8	7.7	7.6	7.9	7.8	7.8	7.9	7.9
50		7.8	7.7	7.6	7.8	7.9	7.9	7.9	7.9
100		7.8	7.6	7.6	7.8	7.9	7.9	7.9	7.9

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.2	24	24	24.8	24.1	24.1	24.1	24.1
6.25		24.2	24	24.1	24.8	24.1	24.2	24.1	24.1
12.5		24.2	24	24.3	24.8	24.1	24.1	24.1	24.2
25		24.4	24	24.6	24.8	24.1	24.1	24.2	24.2
50		24.4	24	25	24	24	24.2	24.1	24.2
100		24.5	24	24.2	24.8	24.2	24.2	24.1	24.2

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-MOaks-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.074

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	50.00 %
	TUc =	2.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Test Code: 06-2027-5952/VCF1209074f

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	10-7522-1645	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:16	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	16-3564-8887	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	21-1905-3603	**Code:**	VCF1209074f	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	50	100	70.71	2	25.82%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		6.25	12	10	0	0.1424	Non-Significant Effect
		12.5	16	10	0	0.6105	Non-Significant Effect
		25	13	10	0	0.2311	Non-Significant Effect
		50	13	10	0	0.2311	Non-Significant Effect
		100*	10	10	0	0.0417	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.2913	0.25 - NL	Yes	Result Within Limits
PMSD	0.2582	0.12 - 0.3	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	3.384	2.802	0.0017	Outlier Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.008440244	0.001688049	5	0.8641	0.5239	Non-Significant Effect
Error	0.03516433	0.001953574	18			
Total	0.04360457	0.003641622	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	14.94	15.09	0.0106	Equal Variances
Variances	Mod Levene Equality of Variance	0.7074	4.248	0.6255	Equal Variances
Distribution	Shapiro-Wilk Normality	0.8603		0.0034	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.2063	0.2056	0.0096	Non-normal Distribution
Distribution	D'Agostino Skewness	3.067	2.576	0.0022	Non-normal Distribution
Distribution	D'Agostino Kurtosis	2.91	2.576	0.0036	Non-normal Distribution
Distribution	D'Agostino Omnibus	17.87	9.21	0.0001	Non-normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.2913	0.2818	0.3009	0.2713	0.328	0.004675	0.02518	8.64%	0.0%
6.25		4	0.2673	0.2632	0.2715	0.2547	0.2813	0.002037	0.01097	4.1%	8.24%
12.5		4	0.2377	0.2039	0.2714	0.1053	0.2887	0.01646	0.08866	37.31%	18.42%
25		4	0.2647	0.2472	0.2821	0.2067	0.3187	0.008507	0.04581	17.31%	9.15%
50		4	0.2613	0.2505	0.2722	0.222	0.29	0.005289	0.02848	10.9%	10.3%
100		4	0.2365	0.2312	0.2418	0.224	0.256	0.002599	0.014	5.92%	18.82%

Analyst: QA: 1/9/55

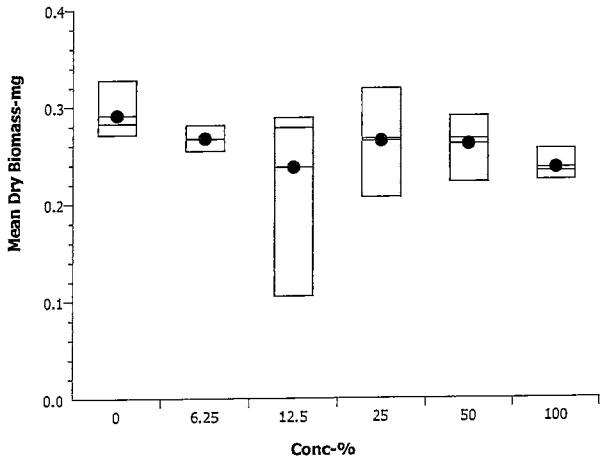
Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

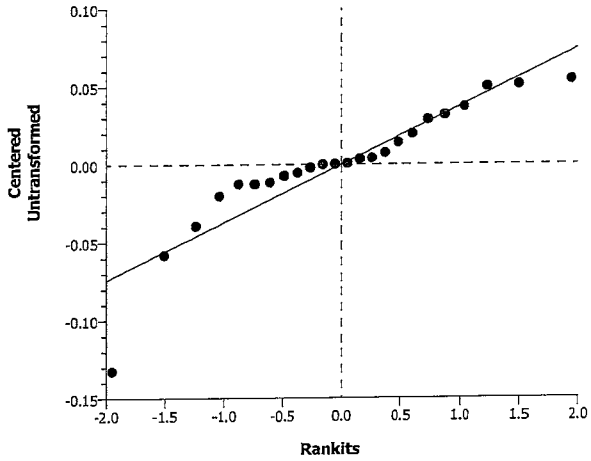
Analysis ID:	10-7522-1645	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:16	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.286	0.328	0.2713	0.28
6.25		0.2547	0.2653	0.268	0.2813
12.5		0.2693	0.2873	0.2887	0.1053
25		0.3187	0.2687	0.2067	0.2647
50		0.29	0.222	0.2687	0.2647
100		0.224	0.2293	0.2367	0.256

Graphics





CETIS Analytical Report

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	21-2080-8324	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:14	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	16-3564-8887	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	21-1905-3603	**Code:**	VCF1209074f	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	8.33%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		6.25	18	10	2	0.8333	Non-Significant Effect
		12.5	16	10	2	0.6105	Non-Significant Effect
		25	18	10	2	0.8333	Non-Significant Effect
		50	18	10	2	0.8333	Non-Significant Effect
		100	17.5	10	1	0.7867	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	3.072	2.802	0.0126	Outlier Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.009933203	0.001986641	5	0.2335	0.9427	Non-Significant Effect
Error	0.1531367	0.008507592	18			
Total	0.1630699	0.01049423	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	5.03	15.09	0.4122	Equal Variances
Variances	Mod Levene Equality of Variance	0.2633	4.248	0.9273	Equal Variances
Distribution	Shapiro-Wilk Normality	0.7788		0.0001	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.365	0.2056	<0.0001	Non-normal Distribution
Distribution	D'Agostino Skewness	2.907	2.576	0.0037	Non-normal Distribution
Distribution	D'Agostino Kurtosis	1.997	2.576	0.0458	Normal Distribution
Distribution	D'Agostino Omnibus	12.44	9.21	0.0020	Non-normal Distribution

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	21-2080-8324	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:14	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9833	0.9707	0.996	0.9333	1	0.00619	0.03333	3.39%	0.0%
6.25		4	0.9833	0.9707	0.996	0.9333	1	0.00619	0.03333	3.39%	0.0%
12.5		4	0.9667	0.952	0.9813	0.9333	1	0.007147	0.03849	3.98%	1.7%
25		4	0.9833	0.9707	0.996	0.9333	1	0.00619	0.03333	3.39%	0.0%
50		4	0.9833	0.9707	0.996	0.9333	1	0.00619	0.03333	3.39%	0.0%
100		4	0.95	0.912	0.988	0.8	1	0.01857	0.1	10.53%	3.39%

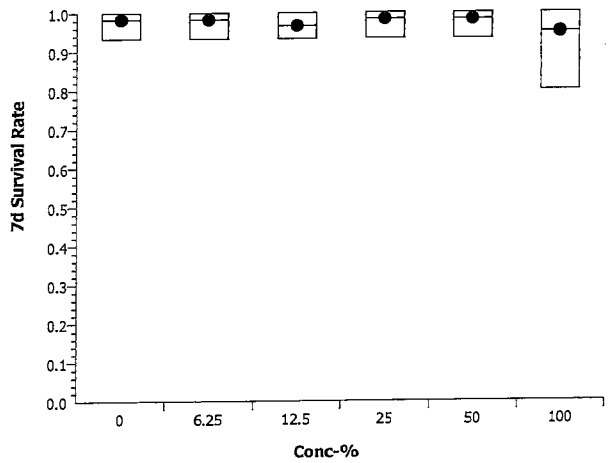
Angular (Corrected) Transformed Summary

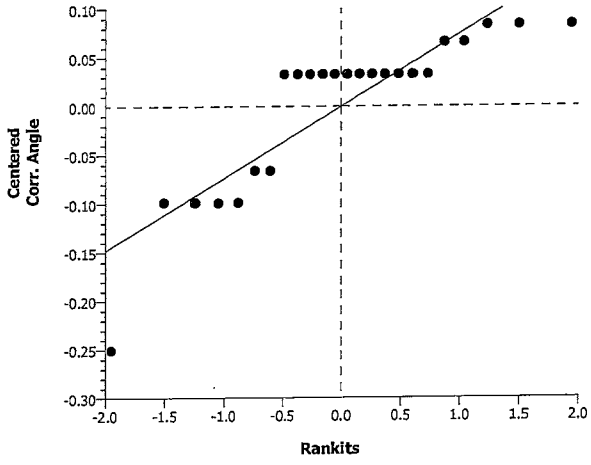
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.408	1.383	1.433	1.31	1.441	0.01223	0.06585	4.68%	0.0%
6.25		4	1.408	1.383	1.433	1.31	1.441	0.01223	0.06585	4.68%	0.0%
12.5		4	1.375	1.347	1.404	1.31	1.441	0.01412	0.07603	5.53%	2.34%
25		4	1.408	1.383	1.433	1.31	1.441	0.01223	0.06585	4.68%	0.0%
50		4	1.408	1.383	1.433	1.31	1.441	0.01223	0.06585	4.68%	0.0%
100		4	1.358	1.294	1.421	1.107	1.441	0.03103	0.1671	12.31%	3.59%

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		1	0.9333	1	1
12.5		1	0.9333	1	0.9333
25		1	1	0.9333	1
50		1	1	1	0.9333
100		1	1	0.8	1

Graphics





CETIS Analytical Report

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	04-0381-7328	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:16	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	16-3564-8887	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	21-1905-3603	**Code:**	VCF1209074f	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	3019480	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.2913	0.25 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	3.793	1.016	79.6	26.36	1.256	98.46
IC10	8.76	1.327	126.4	11.42	0.7909	75.37
IC15	69.17	N/A	N/A	1.446	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Dry Biomass-mg Summary

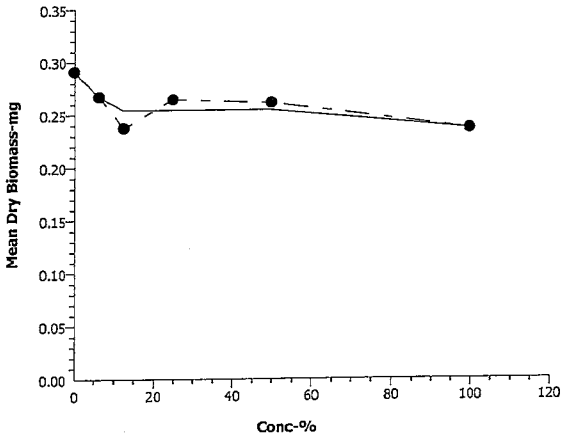
			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.2913	0.2713	0.328	0.004596	0.02518	8.64%	0.0%
6.25		4	0.2673	0.2547	0.2813	0.002003	0.01097	4.1%	8.24%
12.5		4	0.2377	0.1053	0.2887	0.01619	0.08866	37.31%	18.42%
25		4	0.2647	0.2067	0.3187	0.008364	0.04581	17.31%	9.15%
50		4	0.2613	0.222	0.29	0.0052	0.02848	10.9%	10.3%
100		4	0.2365	0.224	0.256	0.002556	0.014	5.92%	18.82%

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.286	0.328	0.2713	0.28
6.25		0.2547	0.2653	0.268	0.2813
12.5		0.2693	0.2873	0.2887	0.1053
25		0.3187	0.2687	0.2067	0.2647
50		0.29	0.222	0.2687	0.2647
100		0.224	0.2293	0.2367	0.256

Analysis ID:	04-0381-7328	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:16	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	09-0185-5384	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:14	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	16-3564-8887	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	21-1905-3603	**Code:**	VCF1209074f	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	2895625	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	>100	N/A	N/A	<1	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	0.9833	0.9333	1	0.006086	0.03333	3.39%	0.0%	59	60
6.25		4	0.9833	0.9333	1	0.006086	0.03333	3.39%	0.0%	59	60
12.5		4	0.9667	0.9333	1	0.007027	0.03849	3.98%	1.7%	58	60
25		4	0.9833	0.9333	1	0.006086	0.03333	3.39%	0.0%	59	60
50		4	0.9833	0.9333	1	0.006086	0.03333	3.39%	0.0%	59	60
100		4	0.95	0.8	1	0.01826	0.1	10.53%	3.39%	57	60

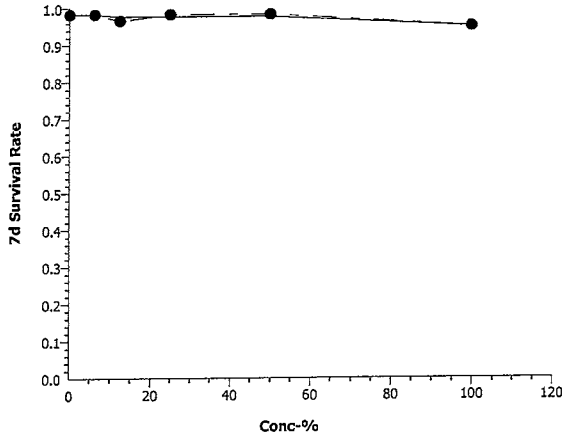
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		1	0.9333	1	1
12.5		1	0.9333	1	0.9333
25		1	1	0.9333	1
50		1	1	1	0.9333
100		1	1	0.8	1

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	09-0185-5384	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:14	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Analyst: QA:

CETIS Measurement Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	16-3564-8887	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 14:55	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 14:55	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	21-1905-3603	**Code:**	VCF1209074f	**Client:**	VCWPD
Sample Date:	07 Dec-09 14:15	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	25h (3.3 °C)	**Station:**	MO-MOaks-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61	61	61	61	61	0	0	0.0%	0
100		8	44	44	44	44	44	0	0	0.0%	0
Overall		16	52.5			44	61				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	353.1	350.3	355.9	339	365	1.367	8.202	2.32%	0
6.25		8	328.9	324.3	333.4	310	349	2.247	13.48	4.1%	0
12.5		8	315.6	312.1	319.1	304	335	1.713	10.28	3.26%	0
25		8	287.4	286.4	288.4	282	293	0.4955	2.973	1.04%	0
50		8	244.3	241.8	246.7	234	255	1.188	7.126	2.92%	0
100		8	142	138.8	145.2	133	158	1.558	9.35	6.59%	0
Overall		48	278.5			133	365				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.313	7.068	7.557	5.8	7.9	0.1203	0.722	9.87%	0
6.25		8	6.913	6.621	7.204	5.7	7.9	0.1438	0.8626	12.48%	0
12.5		8	6.925	6.648	7.202	5.6	7.8	0.1365	0.819	11.83%	0
25		8	6.988	6.736	7.239	5.7	7.8	0.1239	0.7434	10.64%	0
50		8	6.888	6.62	7.155	5.7	7.8	0.132	0.7918	11.5%	0
100		8	6.538	6.264	6.811	5.7	7.7	0.1345	0.807	12.34%	0
Overall		48	6.927			5.6	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	95.25	94.2	96.3	93	99	0.5175	3.105	3.26%	0
100		8	90	90	90	90	90	0	0	0.0%	0
Overall		16	92.63			90	99				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	8.138	8.078	8.197	7.9	8.3	0.02946	0.1768	2.17%	0
6.25		8	7.925	7.858	7.992	7.6	8.2	0.03303	0.1982	2.5%	0
12.5		8	7.888	7.832	7.943	7.6	8.1	0.02737	0.1642	2.08%	0
25		8	7.8	7.764	7.836	7.6	7.9	0.01782	0.1069	1.37%	0
50		8	7.813	7.774	7.851	7.6	7.9	0.01877	0.1126	1.44%	0
100		8	7.8	7.756	7.844	7.6	7.9	0.02182	0.1309	1.68%	0
Overall		48	7.894			7.6	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.18	24.09	24.26	24	24.8	0.04341	0.2605	1.08%	0
6.25		8	24.2	24.12	24.28	24	24.8	0.04178	0.2507	1.04%	0
12.5		8	24.23	24.14	24.31	24	24.8	0.04154	0.2493	1.03%	0
25		8	24.3	24.21	24.39	24	24.8	0.04629	0.2777	1.14%	0
50		8	24.24	24.12	24.35	24	25	0.0563	0.3378	1.39%	0
100		8	24.28	24.19	24.36	24	24.8	0.04249	0.2549	1.05%	0
Overall		48	24.24			24	25				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	61	61	61	61	61	61	61	61
100		44	44	44	44	44	44	44	44

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	339	358	355	345	350	355	358	365
6.25		310	327	320	321	328	328	348	349
12.5		306	317	304	309	314	315	325	335
25		282	293	287	288	288	287	287	287
50		234	243	238	239	245	250	250	255
100		133	134	136	133	145	148	149	158

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.8	7	7	7.3	7.8	7.9	7.9	5.8
6.25		7.7	6.9	6.1	6.1	7.1	7.8	7.9	5.7
12.5		7.7	7	6.6	6	7	7.7	7.8	5.6
25		7.8	7	6.8	6.3	6.9	7.6	7.8	5.7
50		7.8	6.9	6	6.5	6.9	7.5	7.8	5.7
100		7.7	6.4	5.7	6.7	6.9	7.5	5.7	5.7

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	99	99	99	93	93	93	93	93
100		90	90	90	90	90	90	90	90

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.3	7.9	7.9	8.3	8.3	8.2	8.2	8
6.25		7.9	7.6	7.7	7.9	8	8.2	8.1	8
12.5		7.9	7.7	7.6	7.9	8	8.1	8	7.9
25		7.8	7.7	7.6	7.9	7.8	7.8	7.9	7.9
50		7.8	7.7	7.6	7.8	7.9	7.9	7.9	7.9
100		7.8	7.6	7.6	7.8	7.9	7.9	7.9	7.9

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.2	24	24	24.8	24.1	24.1	24.1	24.1
6.25		24.2	24	24.1	24.8	24.1	24.2	24.1	24.1
12.5		24.2	24	24.3	24.8	24.1	24.1	24.1	24.2
25		24.4	24	24.6	24.8	24.1	24.1	24.2	24.2
50		24.4	24	25	24	24	24.2	24.1	24.2
100		24.5	24	24.2	24.8	24.2	24.2	24.1	24.2

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms EPA-821-R-02-013* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-Ven-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.075

CHRONIC SELENASTRUM ALGAE GROWTH BIOASSAY

NOEC	=	100.00 %
TUc	=	1.00
IC25	=	>100.00 %
IC50	=	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	07-2931-9341	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 9:36	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	17-6738-0656	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:35	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 20:35	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	00-2568-3243	**Code:**	VCF1209075s	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	29h (3.3 °C)	**Station:**	MO-Ven-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	>100	N/A	1	10.76%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	-6.315	2.407	116600	1.0000	Non-Significant Effect
		12.5	-6.883	2.407	116600	1.0000	Non-Significant Effect
		25	-6.037	2.407	116600	1.0000	Non-Significant Effect
		50	-3.746	2.407	116600	1.0000	Non-Significant Effect
		100	-2.936	2.407	116600	0.9999	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control CV	0.07074	NL - 0.2	Yes	Result Within Limits
Control Resp	1.08E+6	1.00E+6 - NL	Yes	Result Within Limits
PMSD	0.1076	0.091 - 0.29	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.107	2.802	0.6669	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	3.230952E+11	64619040000	5	13.76	<0.0001	Significant Effect
Error	84514750000	4695264000	18			
Total	4.076099E+11	69314310000	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	2.317	15.09	0.8038	Equal Variances
Variances	Mod Levene Equality of Variance	0.5407	4.248	0.7430	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9528		0.3109	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1295	0.2056	0.3697	Normal Distribution
Distribution	D'Agostino Skewness	1.042	2.576	0.2976	Normal Distribution
Distribution	D'Agostino Kurtosis	0.4867	2.576	0.6264	Normal Distribution
Distribution	D'Agostino Omnibus	1.322	9.21	0.5164	Normal Distribution

Cell Density Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.084E+6	1.055E+6	1.113E+6	1.002E+6	1.169E+6	1.424E+4	7.670E+4	7.07%	0.0%
6.25		4	1.390E+6	1.368E+6	1.413E+6	1.338E+6	1.476E+6	1.106E+4	5.958E+4	4.29%	-28.22%
12.5		4	1.418E+6	1.387E+6	1.448E+6	1.305E+6	1.486E+6	1.494E+4	8.045E+4	5.68%	-30.76%
25		4	1.377E+6	1.362E+6	1.391E+6	1.333E+6	1.426E+6	7.081E+3	3.813E+4	2.77%	-26.98%
50		4	1.266E+6	1.232E+6	1.300E+6	1.138E+6	1.336E+6	1.655E+4	8.913E+4	7.04%	-16.74%
100		4	1.227E+6	1.206E+6	1.247E+6	1.156E+6	1.286E+6	9.944E+3	5.355E+4	4.37%	-13.12%

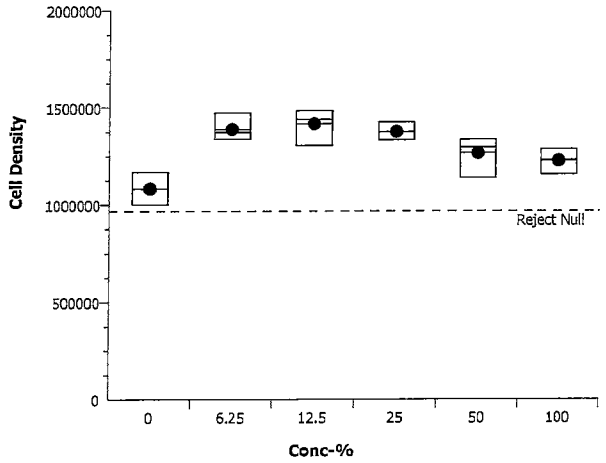
Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

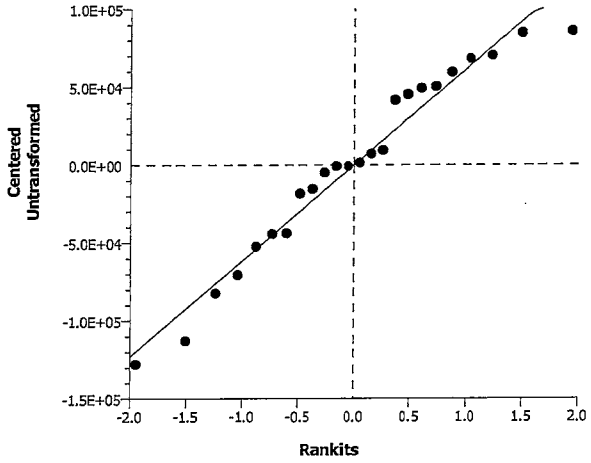
Analysis ID:	07-2931-9341	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 9:36	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.040E+6	1.169E+6	1.002E+6	1.126E+6
6.25		1.476E+6	1.338E+6	1.372E+6	1.375E+6
12.5		1.463E+6	1.486E+6	1.417E+6	1.305E+6
25		1.426E+6	1.333E+6	1.372E+6	1.376E+6
50		1.336E+6	1.138E+6	1.316E+6	1.273E+6
100		1.286E+6	1.236E+6	1.156E+6	1.228E+6

Graphics





CETIS Analytical Report

Test Code: 00-1653-9058/VCF1209075s

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	00-6385-4666	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 9:36	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	17-6738-0656	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:35	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 20:35	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	00-2568-3243	**Code:**	VCF1209075s	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	29h (3.3 °C)	**Station:**	MO-Ven-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	9495566	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control CV	0.07074	NL - 0.2	Yes	Result Within Limits
Control Resp	1.08E+6	1.00E+6 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.107	2.802	0.6669	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	68.3	20.31	N/A	1.464	N/A	4.924
IC10	>100	N/A	N/A	<1	N/A	N/A
IC15	>100	N/A	N/A	<1	N/A	N/A
IC20	>100	N/A	N/A	<1	N/A	N/A
IC25	>100	N/A	N/A	<1	N/A	N/A
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Cell Density Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1.084E+6	1.002E+6	1.169E+6	1.400E+4	7.670E+4	7.07%	0.0%
6.25		4	1.390E+6	1.338E+6	1.476E+6	1.088E+4	5.958E+4	4.29%	-28.22%
12.5		4	1.418E+6	1.305E+6	1.486E+6	1.469E+4	8.045E+4	5.68%	-30.76%
25		4	1.377E+6	1.333E+6	1.426E+6	6.962E+3	3.813E+4	2.77%	-26.98%
50		4	1.266E+6	1.138E+6	1.336E+6	1.627E+4	8.913E+4	7.04%	-16.74%
100		4	1.227E+6	1.156E+6	1.286E+6	9.777E+3	5.355E+4	4.37%	-13.12%

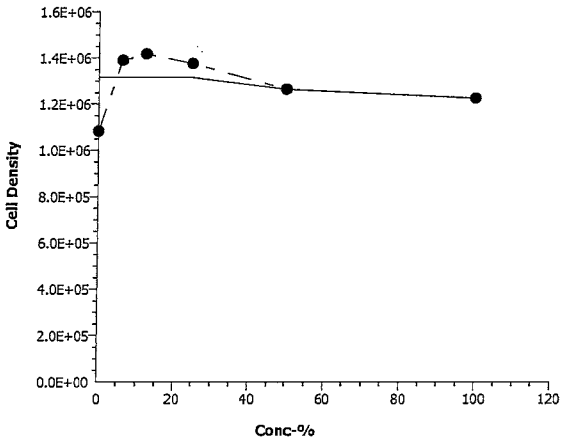
Cell Density Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1.040E+6	1.169E+6	1.002E+6	1.126E+6
6.25		1.476E+6	1.338E+6	1.372E+6	1.375E+6
12.5		1.463E+6	1.486E+6	1.417E+6	1.305E+6
25		1.426E+6	1.333E+6	1.372E+6	1.376E+6
50		1.336E+6	1.138E+6	1.316E+6	1.273E+6
100		1.286E+6	1.236E+6	1.156E+6	1.228E+6

Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	00-6385-4666	**Endpoint:**	Cell Density	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 9:36	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Selenastrum Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	17-6738-0656	**Test Type:**	Cell Growth	**Analyst:**	
Start Date:	08 Dec-09 20:35	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	12 Dec-09 20:35	**Species:**	Selenastrum capricornutum	**Brine:**	Not Applicable
Duration:	96h	**Source:**	Aquatic Biosystems, CO	**Age:**	
Sample ID:	00-2568-3243	**Code:**	VCF1209075s	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	29h (3.3 °C)	**Station:**	MO-Ven-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	67			67	67	0	0	0.0%	0
6.25		1	48			48	48	0	0	0.0%	0
12.5		1	48			48	48	0	0	0.0%	0
25		1	50			50	50	0	0	0.0%	0
50		1	51			51	51	0	0	0.0%	0
100		1	51			51	51	0	0	0.0%	0
Overall		6	52.5			48	67				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	507.4	503.8	511	493	520	1.797	10.78	2.13%	0
6.25		5	473	458.6	487.4	415	517	7.114	42.68	9.02%	0
12.5		5	411.2	406.3	416.1	395	435	2.428	14.57	3.54%	0
25		5	380.6	373.8	387.4	355	410	3.368	20.21	5.31%	0
50		5	339.6	335.6	343.6	324	356	1.981	11.89	3.5%	0
100		5	236.6	234.5	238.7	227	244	1.045	6.269	2.65%	0
Overall		30	391.4			227	520				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	98			98	98	0	0	0.0%	0
6.25		1	65			65	65	0	0	0.0%	0
12.5		1	98			98	98	0	0	0.0%	0
25		1	98			98	98	0	0	0.0%	0
50		1	97			97	97	0	0	0.0%	0
100		1	88			88	88	0	0	0.0%	0
Overall		6	90.67			65	98				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	7.96	7.866	8.054	7.7	8.3	0.04655	0.2793	3.51%	0
6.25		5	7.72	7.676	7.764	7.6	7.9	0.02173	0.1304	1.69%	0
12.5		5	7.74	7.701	7.779	7.6	7.9	0.019	0.114	1.47%	0
25		5	7.76	7.73	7.79	7.7	7.9	0.01491	0.08944	1.15%	0
50		5	7.76	7.73	7.79	7.7	7.9	0.01491	0.08944	1.15%	0
100		5	7.74	7.71	7.77	7.7	7.9	0.01491	0.08944	1.16%	0
Overall		30	7.78			7.6	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	5	24	24	24	24	24	0	0	0.0%	0
6.25		5	24	24	24	24	24	0	0	0.0%	0
12.5		5	24	24	24	24	24	0	0	0.0%	0
25		5	24	24	24	24	24	0	0	0.0%	0
50		5	24	24	24	24	24	0	0	0.0%	0
100		5	24	24	24	24	24	0	0	0.0%	0
Overall		30	24			24	24				0 (0%)

Selenastrum Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	67				
6.25		48				
12.5		48				
25		50				
50		51				
100		51				

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	520	493	501	508	515
6.25		455	415	465	513	517
12.5		435	395	409	409	408
25		410	371	385	382	355
50		356	324	338	335	345
100		244	227	239	238	235

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	98				
6.25		65				
12.5		98				
25		98				
50		97				
100		88				

pH-Units

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	8.3	8.2	7.9	7.7	7.7
6.25		7.9	7.8	7.6	7.6	7.7
12.5		7.9	7.8	7.6	7.7	7.7
25		7.9	7.8	7.7	7.7	7.7
50		7.9	7.7	7.8	7.7	7.7
100		7.9	7.7	7.7	7.7	7.7

Temperature-°C

Conc-%	Control Type	1	2	3	4	5
0	Negative Contr	24	24	24	24	24
6.25		24	24	24	24	24
12.5		24	24	24	24	24
25		24	24	24	24	24
50		24	24	24	24	24
100		24	24	24	24	24

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-Ven-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.075

CHRONIC CERIODAPHNIA SURVIVAL & REPRODUCTION BIOASSAY

SURVIVAL	NOEC =	50.00 %
	TUc =	2.00
	IC25 =	65.74 %
	IC50 =	81.47 %
REPRODUCTION	NOEC =	50.00 %
	TUc =	2.00
	IC25 =	70.83 %
	IC50 =	91.67 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	01-2146-8307	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:18	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	21-4517-9568	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	15-4407-1785	**Code:**	VCF1209075c	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	23h (3.3 °C)	**Station:**	MO-Ven-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	50	100	70.71	2	14.93%

Steel Many-One Rank Test

Control	vs	Conc-%	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		6.25	140	75	3	1.0000	Non-Significant Effect
		12.5	125.5	75	2	0.9977	Non-Significant Effect
		25	130	75	1	0.9994	Non-Significant Effect
		50	145	75	2	1.0000	Non-Significant Effect
		100*	55	75	0	0.0004	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	20.9	15 - NL	Yes	Result Within Limits
PMSD	0.1493	0.13 - 0.47	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	3.018	3.2	0.1033	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	2969.75	593.95	5	63.95	<0.0001	Significant Effect
Error	501.5	9.287037	54			
Total	3471.25	603.2371	59			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	7.971	15.09	0.1579	Equal Variances
Variances	Mod Levene Equality of Variance	1.123	3.377	0.3591	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9415		0.0063	Non-normal Distribution
Distribution	Kolmogorov-Smirnov	0.1243	0.1331	0.0219	Normal Distribution
Distribution	D'Agostino Skewness	2.646	2.576	0.0081	Non-normal Distribution
Distribution	D'Agostino Kurtosis	1.149	2.576	0.2505	Normal Distribution
Distribution	D'Agostino Omnibus	8.322	9.21	0.0156	Normal Distribution

Reproduction Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	20.9	20.05	21.75	18	24	0.4148	2.234	10.69%	0.0%
6.25		10	24.3	23.48	25.12	21	27	0.4016	2.163	8.9%	-16.27%
12.5		10	22.9	21.91	23.89	20	27	0.483	2.601	11.36%	-9.57%
25		10	23.4	22.41	24.39	21	29	0.4811	2.591	11.07%	-11.96%
50		10	25.2	23.92	26.48	23	34	0.6239	3.36	13.33%	-20.57%
100		10	4.8	3.045	6.555	0	12	0.8568	4.614	96.12%	77.03%

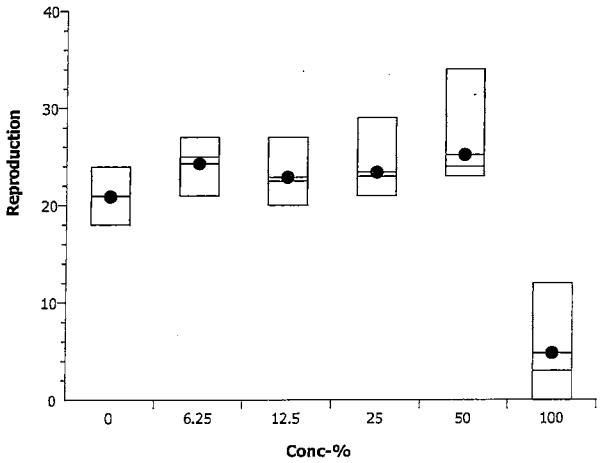
Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

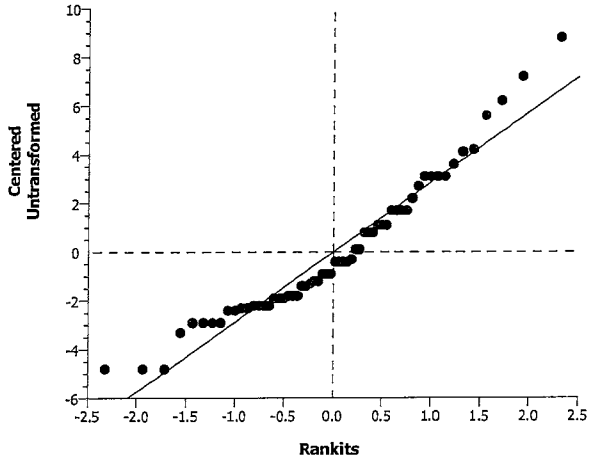
Analysis ID: 01-2146-8307 **Endpoint:** Reproduction **CETIS Version:** CETISv1.7.0
Analyzed: 10 Jan-10 13:18 **Analysis:** Nonparametric-Control vs Treatments **Official Results:** Yes

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	18	19	20	20	24	22	22	18	22	24
6.25		26	26	26	22	27	26	22	24	21	23
12.5		27	26	22	20	23	26	23	20	21	21
25		23	22	23	21	22	23	21	23	29	27
50		26	23	23	34	26	26	23	24	24	23
100		0	0	3	3	7	11	12	0	3	9

Graphics





CETIS Analytical Report

Test Code: 02-2609-6242/VCF1209075c

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	08-7801-7259	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:18	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	21-4517-9568	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	15-4407-1785	**Code:**	VCF1209075c	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	23h (3.3 °C)	**Station:**	MO-Ven-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	3735362	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	20.9	15 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	3.018	3.2	0.1033	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	53.15	52.72	53.73	1.882	1.861	1.897
IC10	56.29	55.49	57.46	1.776	1.74	1.802
IC15	59.44	58.24	61.19	1.682	1.634	1.717
IC20	62.59	60.99	64.94	1.598	1.54	1.64
IC25	65.74	63.73	68.73	1.521	1.455	1.569
IC40	75.18	72	79.96	1.33	1.251	1.389
IC50	81.47	77.5	87.45	1.227	1.143	1.29

Reproduction Summary

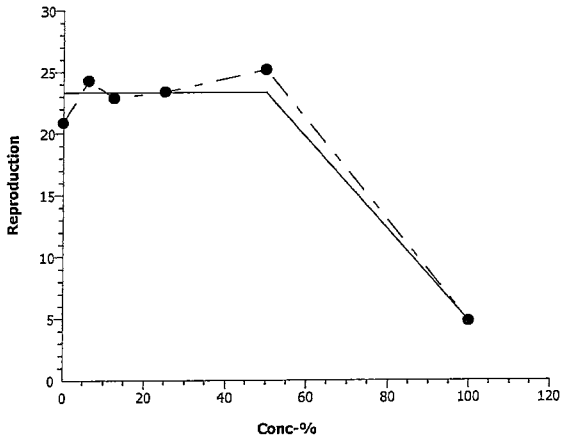
			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	10	20.9	18	24	0.4078	2.234	10.69%	0.0%
6.25		10	24.3	21	27	0.3949	2.163	8.9%	-16.27%
12.5		10	22.9	20	27	0.4749	2.601	11.36%	-9.57%
25		10	23.4	21	29	0.473	2.591	11.07%	-11.96%
50		10	25.2	23	34	0.6134	3.36	13.33%	-20.57%
100		10	4.8	0	12	0.8424	4.614	96.12%	77.03%

Reproduction Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	18	19	20	20	24	22	22	18	22	24
6.25		26	26	26	22	27	26	22	24	21	23
12.5		27	26	22	20	23	26	23	20	21	21
25		23	22	23	21	22	23	21	23	29	27
50		26	23	23	34	26	26	23	24	24	23
100		0	0	3	3	7	11	12	0	3	9

Analysis ID:	08-7801-7259	**Endpoint:**	Reproduction	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:18	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	03-7222-0669	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:18	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	21-4517-9568	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	15-4407-1785	**Code:**	VCF1209075c	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	23h (3.3 °C)	**Station:**	MO-Ven-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7904800	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.8 - NL	Yes	Result Within Limits

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	54.17	52.78	58.33	1.846	1.714	1.895
EC10	58.33	55.56	66.67	1.714	1.5	1.8
EC15	62.5	58.33	75	1.6	1.333	1.714
EC20	66.67	61.11	83.33	1.5	1.2	1.636
EC25	70.83	63.89	91.67	1.412	1.091	1.565
EC40	83.33	72.22	N/A	1.2	N/A	1.385
EC50	91.67	77.78	N/A	1.091	N/A	1.286

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	10	1	1	1	0	0	0.0%	0.0%	10	10
6.25		10	1	1	1	0	0	0.0%	0.0%	10	10
12.5		10	1	1	1	0	0	0.0%	0.0%	10	10
25		10	1	1	1	0	0	0.0%	0.0%	10	10
50		10	1	1	1	0	0	0.0%	0.0%	10	10
100		10	0.4	0	1	0.09428	0.5164	129.1%	60.0%	4	10

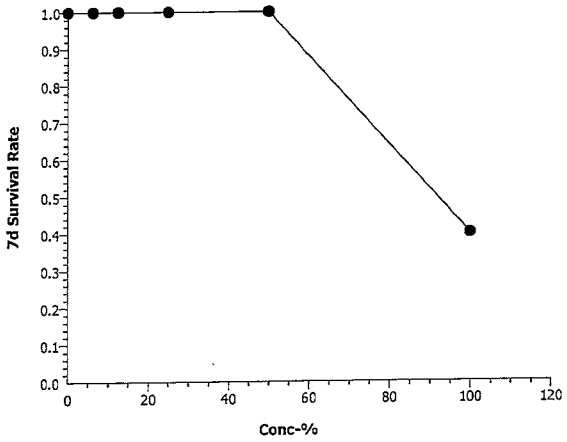
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
100		1	0	0	0	0	1	1	0	0	1

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	03-7222-0669	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:18	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Test Code: 02-2609-6242/VCF1209075c

Ceriodaphnia 7-d Survival and Reproduction Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	13-6462-1326	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:18	**Analysis:**	STP 2x2 Contingency Tables	**Official Results:**	Yes
Batch ID:	21-4517-9568	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	15-4407-1785	**Code:**	VCF1209075c	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	23h (3.3 °C)	**Station:**	MO-Ven-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed		C > T	Not Run	50	100	70.71	2	N/A

Fisher Exact/Bonferroni-Holm Test

Control	vs	Conc-%	Test Stat	P-Value	Decision(0.05)
Negative Control		6.25	1	1.0000	Non-Significant Effect
		12.5	1	1.0000	Non-Significant Effect
		25	1	1.0000	Non-Significant Effect
		50	1	1.0000	Non-Significant Effect
		100	0.005418	0.0271	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.8 - NL	Yes	Result Within Limits

Data Summary

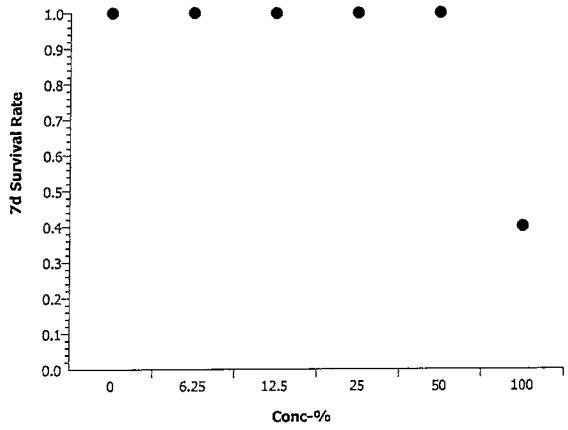
Conc-%	Control Type	No-Resp	Resp	Total
0	Negative Contr	10	0	10
6.25		10	0	10
12.5		10	0	10
25		10	0	10
50		10	0	10
100		4	6	10

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Rep 6	Rep 7	Rep 8	Rep 9	Rep 10
0	Negative Control	1	1	1	1	1	1	1	1	1	1
6.25		1	1	1	1	1	1	1	1	1	1
12.5		1	1	1	1	1	1	1	1	1	1
25		1	1	1	1	1	1	1	1	1	1
50		1	1	1	1	1	1	1	1	1	1
100		1	0	0	0	0	1	1	0	0	1

Analysis ID:	13-6462-1326	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 13:18	**Analysis:**	STP 2x2 Contingency Tables	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Ceriodaphnia 7-d Survival and Reproduction Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	21-4517-9568	**Test Type:**	Reproduction-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Ceriodaphnia dubia	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	15-4407-1785	**Code:**	VCF1209075c	**Client:**	VCWPD
Sample Date:	07 Dec-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Dec-09 18:30	**Source:**	Bioassay Report		
Sample Age:	23h (3.3 °C)	**Station:**	MO-Ven-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61	61	61	61	61	0	0	0.0%	0
100		8	30	30	30	30	30	0	0	0.0%	0
Overall		16	45.5			30	61				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	353.1	350.3	355.9	339	365	1.367	8.202	2.32%	0
6.25		8	328.9	324.3	333.4	310	349	2.247	13.48	4.1%	0
12.5		8	315.6	312.1	319.1	304	335	1.713	10.28	3.26%	0
25		8	287.4	286.4	288.4	282	293	0.4955	2.973	1.04%	0
50		8	244.3	241.8	246.7	234	255	1.188	7.126	2.92%	0
100		8	142	138.8	145.2	133	158	1.558	9.35	6.59%	0
Overall		48	278.5			133	365				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.313	7.068	7.557	5.8	7.9	0.1203	0.722	9.87%	0
6.25		8	6.913	6.621	7.204	5.7	7.9	0.1438	0.8626	12.48%	0
12.5		8	6.925	6.648	7.202	5.6	7.8	0.1365	0.819	11.83%	0
25		8	6.988	6.736	7.239	5.7	7.8	0.1239	0.7434	10.64%	0
50		8	6.888	6.62	7.155	5.7	7.8	0.132	0.7918	11.5%	0
100		8	6.538	6.264	6.811	5.7	7.7	0.1345	0.807	12.34%	0
Overall		48	6.927			5.6	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	95.25	94.2	96.3	93	99	0.5175	3.105	3.26%	0
100		8	59	59	59	59	59	0	0	0.0%	0
Overall		16	77.13			59	99				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	8.138	8.078	8.197	7.9	8.3	0.02946	0.1768	2.17%	0
6.25		8	7.925	7.858	7.992	7.6	8.2	0.03303	0.1982	2.5%	0
12.5		8	7.888	7.832	7.943	7.6	8.1	0.02737	0.1642	2.08%	0
25		8	7.8	7.764	7.836	7.6	7.9	0.01782	0.1069	1.37%	0
50		8	7.813	7.774	7.851	7.6	7.9	0.01877	0.1126	1.44%	0
100		8	7.8	7.756	7.844	7.6	7.9	0.02182	0.1309	1.68%	0
Overall		48	7.894			7.6	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.18	24.09	24.26	24	24.8	0.04341	0.2605	1.08%	0
6.25		8	24.2	24.12	24.28	24	24.8	0.04178	0.2507	1.04%	0
12.5		8	24.23	24.14	24.31	24	24.8	0.04154	0.2493	1.03%	0
25		8	24.3	24.21	24.39	24	24.8	0.04629	0.2777	1.14%	0
50		8	24.24	24.12	24.35	24	25	0.0563	0.3378	1.39%	0
100		8	24.28	24.19	24.36	24	24.8	0.04249	0.2549	1.05%	0
Overall		48	24.24			24	25				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	61	61	61	61	61	61	61	61
100		30	30	30	30	30	30	30	30

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	339	358	355	345	350	355	358	365
6.25		310	327	320	321	328	328	348	349
12.5		306	317	304	309	314	315	325	335
25		282	293	287	288	288	287	287	287
50		234	243	238	239	245	250	250	255
100		133	134	136	133	145	148	149	158

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.8	7	7	7.3	7.8	7.9	7.9	5.8
6.25		7.7	6.9	6.1	6.1	7.1	7.8	7.9	5.7
12.5		7.7	7	6.6	6	7	7.7	7.8	5.6
25		7.8	7	6.8	6.3	6.9	7.6	7.8	5.7
50		7.8	6.9	6	6.5	6.9	7.5	7.8	5.7
100		7.7	6.4	5.7	6.7	6.9	7.5	5.7	5.7

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	99	99	99	93	93	93	93	93
100		59	59	59	59	59	59	59	59

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.3	7.9	7.9	8.3	8.3	8.2	8.2	8
6.25		7.9	7.6	7.7	7.9	8	8.2	8.1	8
12.5		7.9	7.7	7.6	7.9	8	8.1	8	7.9
25		7.8	7.7	7.6	7.9	7.8	7.8	7.9	7.9
50		7.8	7.7	7.6	7.8	7.9	7.9	7.9	7.9
100		7.8	7.6	7.6	7.8	7.9	7.9	7.9	7.9

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.2	24	24	24.8	24.1	24.1	24.1	24.1
6.25		24.2	24	24.1	24.8	24.1	24.2	24.1	24.1
12.5		24.2	24	24.3	24.8	24.1	24.1	24.1	24.2
25		24.4	24	24.6	24.8	24.1	24.1	24.2	24.2
50		24.4	24	25	24	24	24.2	24.1	24.2
100		24.5	24	24.2	24.8	24.2	24.2	24.1	24.2

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

January 11, 2010

Mr. Arne Anselm
Ventura County Watershed Protection District
800 South Victoria Ave
Ventura, CA 93009

Dear Mr. Anselm:

We are pleased to present the enclosed revised bioassay report. The test was conducted under guidelines prescribed in *Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms" EPA-821-R-02-013.* Results were as follows:

CLIENT:	Ventura County Flood Control
SAMPLE I.D.:	MO-Ven-1
DATE RECEIVED:	12/7/2009
ABC LAB. NO.:	VCF1209.075

CHRONIC FATHEAD SURVIVAL & GROWTH BIOASSAY

SURVIVAL	NOEC =	100.00 %
	TUc =	1.00
	IC25 =	>100.00 %
	IC50 =	>100.00 %
REPRODUCTION	NOEC =	<6.25 %
	TUc =	>16.00
	IC25 =	5.55 %
	IC50 =	>100.00 %

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

CETIS Analytical Report

Test Code: 08-2454-6987/VCF1209075f

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	02-5012-6266	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:42	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	02-3426-9212	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	05-1859-9677	**Code:**	VCF1209075f	**Client:**	VCWPD
Sample Date:	07 Jan-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Jan-09 18:30	**Source:**	Bioassay Report		
Sample Age:	334d 23h (3.3 °C)	**Station:**	MO-Ven-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	<6.25	6.25	N/A	>16	14.4%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25*	5.634	2.407	0.04195	<0.0001	Significant Effect
		12.5*	4.83	2.407	0.04195	0.0003	Significant Effect
		25*	3.845	2.407	0.04195	0.0026	Significant Effect
		50*	4.534	2.407	0.04195	0.0006	Significant Effect
		100*	5.701	2.407	0.04195	<0.0001	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.2913	0.25 - NL	Yes	Result Within Limits
PMSD	0.144	0.12 - 0.3	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	1.751	2.802	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.02734024	0.005468049	5	9.004	0.0002	Significant Effect
Error	0.01093132	0.0006072955	18			
Total	0.03827156	0.006075345	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	1.319	15.09	0.9330	Equal Variances
Variances	Mod Levene Equality of Variance	0.3455	4.248	0.8785	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9447		0.2073	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1568	0.2056	0.1299	Normal Distribution
Distribution	D'Agostino Skewness	0.4909	2.576	0.6235	Normal Distribution
Distribution	D'Agostino Kurtosis	1.743	2.576	0.0813	Normal Distribution
Distribution	D'Agostino Omnibus	3.281	9.21	0.1939	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.2913	0.2818	0.3009	0.2713	0.328	0.004675	0.02518	8.64%	0.0%
6.25		4	0.1932	0.1845	0.2018	0.1733	0.216	0.004212	0.02268	11.74%	33.7%
12.5		4	0.2072	0.1961	0.2182	0.1807	0.2453	0.005412	0.02914	14.07%	28.89%
25		4	0.2243	0.2187	0.23	0.2107	0.2393	0.002743	0.01477	6.58%	23.0%
50		4	0.2123	0.2017	0.223	0.1747	0.24	0.005188	0.02794	13.16%	27.12%
100		4	0.192	0.1823	0.2017	0.168	0.2207	0.004726	0.02545	13.25%	34.1%

CETIS Analytical Report

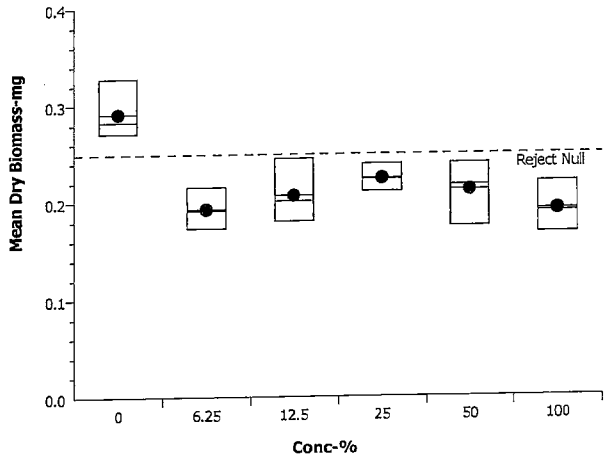
Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

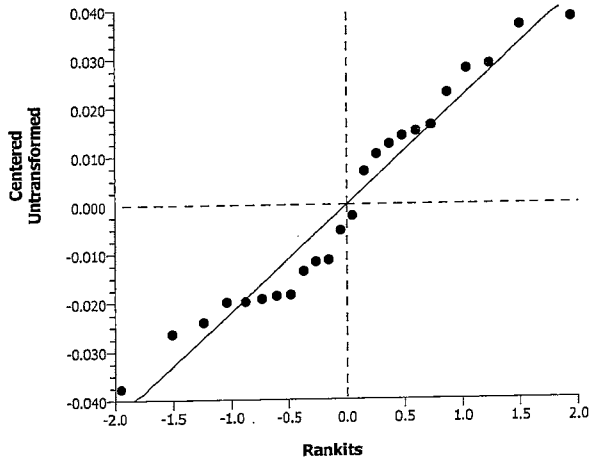
Analysis ID:	02-5012-6266	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:42	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.286	0.328	0.2713	0.28
6.25		0.2093	0.216	0.1733	0.174
12.5		0.2453	0.1807	0.214	0.1887
25		0.2127	0.2347	0.2393	0.2107
50		0.24	0.21	0.1747	0.2247
100		0.1733	0.168	0.206	0.2207

Graphics





CETIS Analytical Report

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	15-8004-6599	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:42	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	02-3426-9212	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	05-1859-9677	**Code:**	VCF1209075f	**Client:**	VCWPD
Sample Date:	07 Jan-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Jan-09 18:30	**Source:**	Bioassay Report		
Sample Age:	334d 23h (3.3 °C)	**Station:**	MO-Ven-1		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	>100	N/A	1	11.52%

Dunnett's Multiple Comparison Test

Control	vs	Conc-%	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		6.25	0	2.407	0.2064	0.8333	Non-Significant Effect
		12.5	1.096	2.407	0.2064	0.3801	Non-Significant Effect
		25	0.3284	2.407	0.2064	0.7191	Non-Significant Effect
		50	1.533	2.407	0.2064	0.2176	Non-Significant Effect
		100	0.7123	2.407	0.2064	0.5524	Non-Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.319	2.802	0.3399	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.0565404	0.01130808	5	0.7688	0.5843	Non-Significant Effect
Error	0.2647561	0.01470867	18			
Total	0.3212965	0.02601675	23			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	4.922	15.09	0.4255	Equal Variances
Variances	Mod Levene Equality of Variance	1.514	4.248	0.2350	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9481		0.2468	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.2039	0.2056	0.0111	Normal Distribution
Distribution	D'Agostino Skewness	1.302	2.576	0.1929	Normal Distribution
Distribution	D'Agostino Kurtosis	0.1076	2.576	0.9143	Normal Distribution
Distribution	D'Agostino Omnibus	1.707	9.21	0.4260	Normal Distribution

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	15-8004-6599	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:42	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

7d Survival Rate Summary

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.9833	0.9707	0.996	0.9333	1	0.00619	0.03333	3.39%	0.0%
6.25		4	0.9833	0.9707	0.996	0.9333	1	0.00619	0.03333	3.39%	0.0%
12.5		4	0.9333	0.9126	0.954	0.8667	1	0.01011	0.05443	5.83%	5.09%
25		4	0.9667	0.9413	0.992	0.8667	1	0.01238	0.06667	6.9%	1.7%
50		4	0.9	0.8514	0.9486	0.7333	1	0.02371	0.1277	14.18%	8.48%
100		4	0.95	0.9257	0.9743	0.8667	1	0.01185	0.06383	6.72%	3.39%

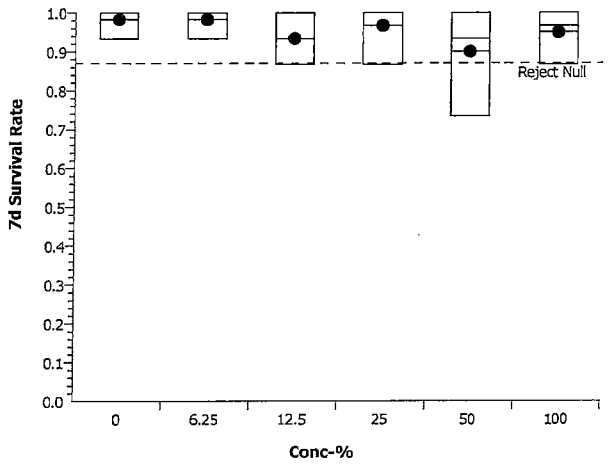
Angular (Corrected) Transformed Summary

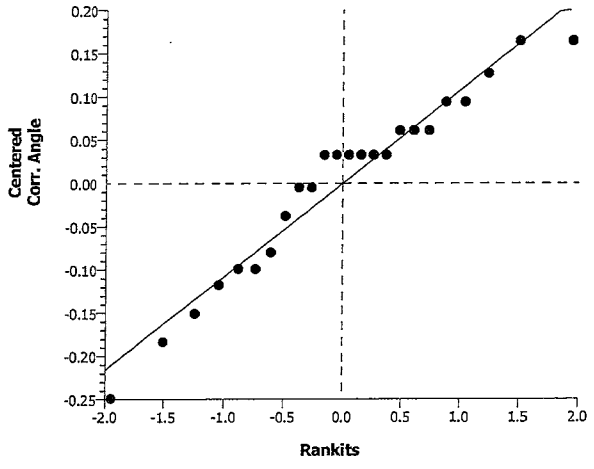
Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.408	1.383	1.433	1.31	1.441	0.01223	0.06585	4.68%	0.0%
6.25		4	1.408	1.383	1.433	1.31	1.441	0.01223	0.06585	4.68%	0.0%
12.5		4	1.314	1.276	1.352	1.197	1.441	0.01855	0.0999	7.6%	6.68%
25		4	1.38	1.334	1.427	1.197	1.441	0.02269	0.1222	8.85%	2.0%
50		4	1.277	1.2	1.354	1.028	1.441	0.0375	0.2019	15.81%	9.33%
100		4	1.347	1.302	1.392	1.197	1.441	0.02189	0.1179	8.75%	4.34%

7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		1	1	0.9333	1
12.5		1	0.8667	0.9333	0.9333
25		0.8667	1	1	1
50		1	1	0.7333	0.8667
100		0.8667	1	0.9333	1

Graphics





CETIS Analytical Report

Test Code: 08-2454-6987/VCF1209075f

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	15-1250-8716	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:42	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	02-3426-9212	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	05-1859-9677	**Code:**	VCF1209075f	**Client:**	VCWPD
Sample Date:	07 Jan-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Jan-09 18:30	**Source:**	Bioassay Report		
Sample Age:	334d 23h (3.3 °C)	**Station:**	MO-Ven-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	140176	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.2913	0.25 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	1.751	2.802	1.0000	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
IC5	1.109	0.8017	1.612	90.16	62.03	124.7
IC10	2.218	1.603	3.224	45.08	31.02	62.37
IC15	3.327	2.405	4.836	30.05	20.68	41.58
IC20	4.436	3.207	6.448	22.54	15.51	31.19
IC25	5.546	4.008	126.4	18.03	0.791	24.95
IC40	>100	N/A	N/A	<1	N/A	N/A
IC50	>100	N/A	N/A	<1	N/A	N/A

Mean Dry Biomass-mg Summary

			Calculated Variate						
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.2913	0.2713	0.328	0.004596	0.02518	8.64%	0.0%
6.25		4	0.1932	0.1733	0.216	0.004141	0.02268	11.74%	33.7%
12.5		4	0.2072	0.1807	0.2453	0.005321	0.02914	14.07%	28.89%
25		4	0.2243	0.2107	0.2393	0.002697	0.01477	6.58%	23.0%
50		4	0.2123	0.1747	0.24	0.005101	0.02794	13.16%	27.12%
100		4	0.192	0.168	0.2207	0.004646	0.02545	13.25%	34.1%

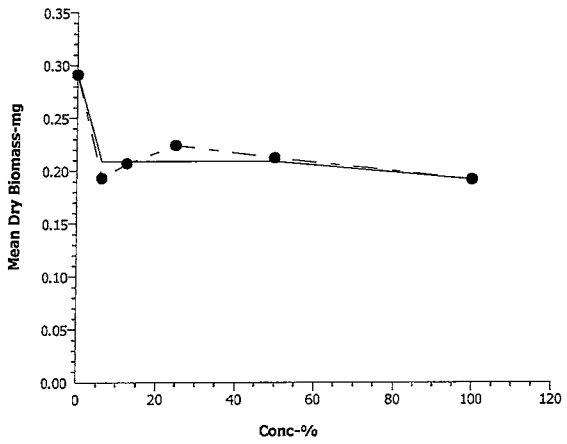
Mean Dry Biomass-mg Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.286	0.328	0.2713	0.28
6.25		0.2093	0.216	0.1733	0.174
12.5		0.2453	0.1807	0.214	0.1887
25		0.2127	0.2347	0.2393	0.2107
50		0.24	0.21	0.1747	0.2247
100		0.1733	0.168	0.206	0.2207

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	15-1250-8716	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:42	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Fathead Minnow 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	03-7308-4864	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:42	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	02-3426-9212	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	05-1859-9677	**Code:**	VCF1209075f	**Client:**	VCWPD
Sample Date:	07 Jan-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Jan-09 18:30	**Source:**	Bioassay Report		
Sample Age:	334d 23h (3.3 °C)	**Station:**	MO-Ven-1		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	7747401	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.9833	0.8 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.319	2.802	0.3399	No Outliers Detected

Point Estimates

Level	%	95% LCL	95% UCL	TU	95% LCL	95% UCL
EC5	40.83	N/A	N/A	2.449	N/A	N/A
EC10	>100	N/A	N/A	<1	N/A	N/A
EC15	>100	N/A	N/A	<1	N/A	N/A
EC20	>100	N/A	N/A	<1	N/A	N/A
EC25	>100	N/A	N/A	<1	N/A	N/A
EC40	>100	N/A	N/A	<1	N/A	N/A
EC50	>100	N/A	N/A	<1	N/A	N/A

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-%	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	0.9833	0.9333	1	0.006086	0.03333	3.39%	0.0%	59	60
6.25		4	0.9833	0.9333	1	0.006086	0.03333	3.39%	0.0%	59	60
12.5		4	0.9333	0.8667	1	0.009938	0.05443	5.83%	5.09%	56	60
25		4	0.9667	0.8667	1	0.01217	0.06667	6.9%	1.7%	58	60
50		4	0.9	0.7333	1	0.02331	0.1277	14.18%	8.48%	54	60
100		4	0.95	0.8667	1	0.01165	0.06383	6.72%	3.39%	57	60

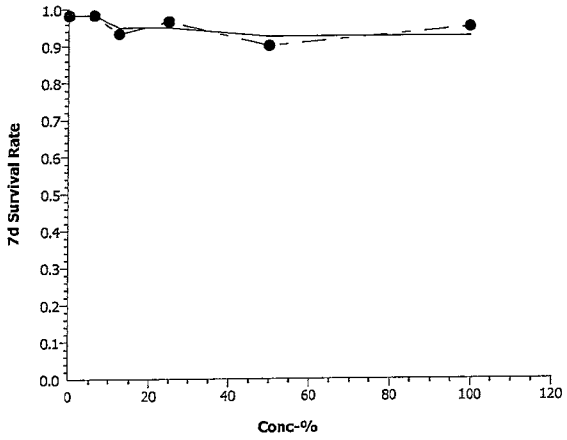
7d Survival Rate Detail

Conc-%	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9333	1	1	1
6.25		1	1	0.9333	1
12.5		1	0.8667	0.9333	0.9333
25		0.8667	1	1	1
50		1	1	0.7333	0.8667
100		0.8667	1	0.9333	1

Analyst: _____ QA: e

Analysis ID:	03-7308-4864	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	10 Jan-10 12:42	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Fathead Minnow 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	02-3426-9212	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 15:29	**Protocol:**	EPA/821/R-02-013 (2002)	**Diluent:**	Laboratory Water
Ending Date:	15 Dec-09 15:29	**Species:**	Pimephales promelas	**Brine:**	Not Applicable
Duration:	7d 0h	**Source:**	Aquatic Biosystems, CO	**Age:**	<24H
Sample ID:	05-1859-9677	**Code:**	VCF1209075f	**Client:**	VCWPD
Sample Date:	07 Jan-09 16:00	**Material:**	Sample Water	**Project:**	NPDES Stormwater Monitoring Progra
Receive Date:	07 Jan-09 18:30	**Source:**	Bioassay Report		
Sample Age:	334d 23h (3.3 °C)	**Station:**	MO-Ven-1		

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	61	61	61	61	61	0	0	0.0%	0
100		8	30	30	30	30	30	0	0	0.0%	0
Overall		16	45.5			30	61				0 (0%)

Conductivity-µmhos

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	353.1	350.3	355.9	339	365	1.367	8.202	2.32%	0
6.25		8	328.9	324.3	333.4	310	349	2.247	13.48	4.1%	0
12.5		8	315.6	312.1	319.1	304	335	1.713	10.28	3.26%	0
25		8	287.4	286.4	288.4	282	293	0.4955	2.973	1.04%	0
50		8	244.3	241.8	246.7	234	255	1.188	7.126	2.92%	0
100		8	142	138.8	145.2	133	158	1.558	9.35	6.59%	0
Overall		48	278.5			133	365				0 (0%)

Dissolved Oxygen-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.313	7.068	7.557	5.8	7.9	0.1203	0.722	9.87%	0
6.25		8	6.913	6.621	7.204	5.7	7.9	0.1438	0.8626	12.48%	0
12.5		8	6.925	6.648	7.202	5.6	7.8	0.1365	0.819	11.83%	0
25		8	6.988	6.736	7.239	5.7	7.8	0.1239	0.7434	10.64%	0
50		8	6.888	6.62	7.155	5.7	7.8	0.132	0.7918	11.5%	0
100		8	6.538	6.264	6.811	5.7	7.7	0.1345	0.807	12.34%	0
Overall		48	6.927			5.6	7.9				0 (0%)

Hardness (CaCO3)-mg/L

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	95.25	94.2	96.3	93	99	0.5175	3.105	3.26%	0
100		8	59	59	59	59	59	0	0	0.0%	0
Overall		16	77.13			59	99				0 (0%)

pH-Units

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	8.138	8.078	8.197	7.9	8.3	0.02946	0.1768	2.17%	0
6.25		8	7.925	7.858	7.992	7.6	8.2	0.03303	0.1982	2.5%	0
12.5		8	7.888	7.832	7.943	7.6	8.1	0.02737	0.1642	2.08%	0
25		8	7.8	7.764	7.836	7.6	7.9	0.01782	0.1069	1.37%	0
50		8	7.813	7.774	7.851	7.6	7.9	0.01877	0.1126	1.44%	0
100		8	7.8	7.756	7.844	7.6	7.9	0.02182	0.1309	1.68%	0
Overall		48	7.894			7.6	8.3				0 (0%)

Temperature-°C

Conc-%	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.18	24.09	24.26	24	24.8	0.04341	0.2605	1.08%	0
6.25		8	24.2	24.12	24.28	24	24.8	0.04178	0.2507	1.04%	0
12.5		8	24.23	24.14	24.31	24	24.8	0.04154	0.2493	1.03%	0
25		8	24.3	24.21	24.39	24	24.8	0.04629	0.2777	1.14%	0
50		8	24.24	24.12	24.35	24	25	0.0563	0.3378	1.39%	0
100		8	24.28	24.19	24.36	24	24.8	0.04249	0.2549	1.05%	0
Overall		48	24.24			24	25				0 (0%)

Alkalinity (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	61	61	61	61	61	61	61	61
100		30	30	30	30	30	30	30	30

Conductivity-µmhos

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	339	358	355	345	350	355	358	365
6.25		310	327	320	321	328	328	348	349
12.5		306	317	304	309	314	315	325	335
25		282	293	287	288	288	287	287	287
50		234	243	238	239	245	250	250	255
100		133	134	136	133	145	148	149	158

Dissolved Oxygen-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.8	7	7	7.3	7.8	7.9	7.9	5.8
6.25		7.7	6.9	6.1	6.1	7.1	7.8	7.9	5.7
12.5		7.7	7	6.6	6	7	7.7	7.8	5.6
25		7.8	7	6.8	6.3	6.9	7.6	7.8	5.7
50		7.8	6.9	6	6.5	6.9	7.5	7.8	5.7
100		7.7	6.4	5.7	6.7	6.9	7.5	5.7	5.7

Hardness (CaCO3)-mg/L

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	99	99	99	93	93	93	93	93
100		59	59	59	59	59	59	59	59

pH-Units

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	8.3	7.9	7.9	8.3	8.3	8.2	8.2	8
6.25		7.9	7.6	7.7	7.9	8	8.2	8.1	8
12.5		7.9	7.7	7.6	7.9	8	8.1	8	7.9
25		7.8	7.7	7.6	7.9	7.8	7.8	7.9	7.9
50		7.8	7.7	7.6	7.8	7.9	7.9	7.9	7.9
100		7.8	7.6	7.6	7.8	7.9	7.9	7.9	7.9

Temperature-°C

Conc-%	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24.2	24	24	24.8	24.1	24.1	24.1	24.1
6.25		24.2	24	24.1	24.8	24.1	24.2	24.1	24.1
12.5		24.2	24	24.3	24.8	24.1	24.1	24.1	24.2
25		24.4	24	24.6	24.8	24.1	24.1	24.2	24.2
50		24.4	24	25	24	24	24.2	24.1	24.2
100		24.5	24	24.2	24.8	24.2	24.2	24.1	24.2

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC KELP GERMINATION & GROWTH BIOASSAY

DATE: 8 December- 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: GERMINATION

NOEC = 32.00 ug/l

IC25 = 109.20 ug/l
IC50 = 169.50 ug/l

ENDPOINT: GROWTH-LENGTH

NOEC = 100.00 ug/l

IC25 = 180.80 ug/l
IC50 = 227.20 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Analytical Report

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	12-9974-3868	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 12:35	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	12-3363-7000	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 15:10	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 15:10	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	10-6440-0951	**Code:**	KLP120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09 12:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09 12:00	**Source:**	Reference Toxicant		
Sample Age:	3h	**Station:**			

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	180	134.2		6.22%

Dunnett's Multiple Comparison Test

Control	vs	Conc-µg/L	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		5.6	1.24	2.362	0.9908	0.3184	Non-Significant Effect
		18	0.4291	2.362	0.9908	0.6774	Non-Significant Effect
		32	0.5721	2.362	0.9908	0.6151	Non-Significant Effect
		100	0.8104	2.362	0.9908	0.5061	Non-Significant Effect
		180*	9.344	2.362	0.9908	<0.0001	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	15.94	10 - NL	Yes	Result Within Limits
NOEL	100	NL - 35	No	Result Above Limit
PMSD	0.06216	NL - 0.2	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.055	2.908	1.0000	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	56.67867	11.33574	5	25.76	<0.0001	Significant Effect
Error	10.56	0.4400001	24			
Total	67.23868	11.77574	29			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	6.113	15.09	0.2953	Equal Variances
Variances	Mod Levene Equality of Variance	2.955	4.248	0.0405	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9773		0.7508	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.07777	0.1853	1.0000	Normal Distribution
Distribution	D'Agostino Skewness	0.3698	2.576	0.7116	Normal Distribution
Distribution	D'Agostino Kurtosis	0.4315	2.576	0.6661	Normal Distribution
Distribution	D'Agostino Omnibus	0.3229	9.21	0.8509	Normal Distribution

Mean Length Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	15.94	15.58	16.3	14.7	17.1	0.1769	0.9529	5.98%	0.0%
5.6		5	15.42	15.25	15.59	14.8	16	0.08137	0.4382	2.84%	3.26%
18		5	15.76	15.54	15.98	15.2	16.5	0.1055	0.5683	3.61%	1.13%
32		5	15.7	15.35	16.05	14.5	16.7	0.1687	0.9083	5.79%	1.51%
100		5	15.6	15.48	15.72	15.3	16.1	0.05872	0.3162	2.03%	2.13%
180		5	12.02	11.81	12.23	11.4	12.6	0.1003	0.5404	4.5%	24.59%
320		5	0	0	0	0	0	0	0		100.0%

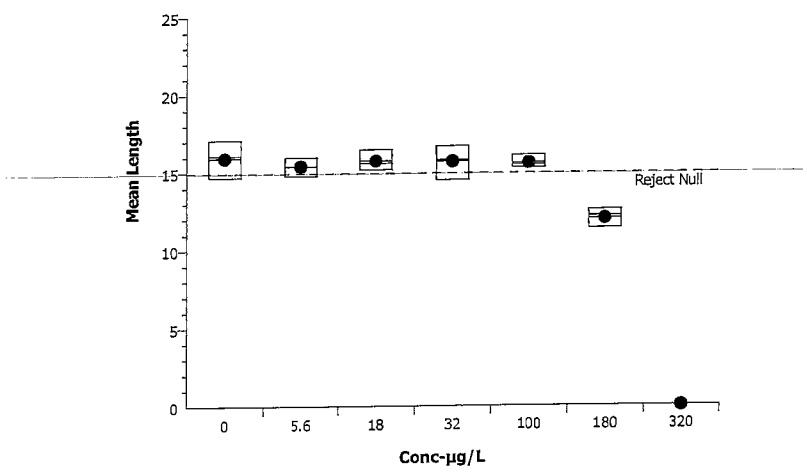
Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

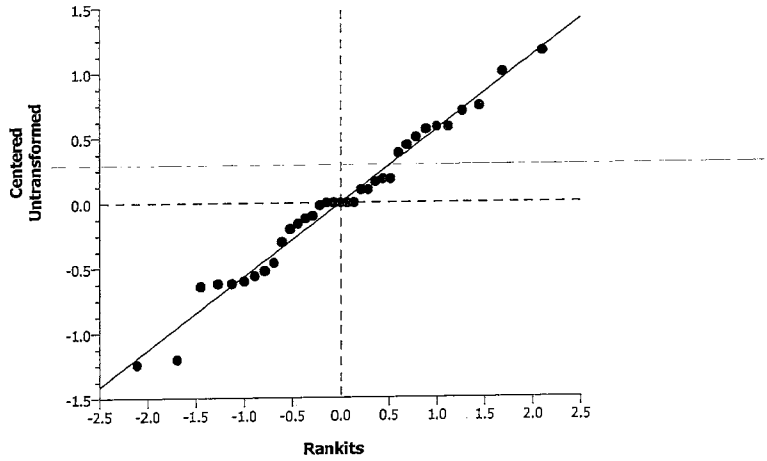
Analysis ID:	12-9974-3868	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 12:35	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes

Mean Length Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	15.3	14.7	16.1	16.5	17.1
5.6		15.3	15.6	14.8	15.4	16
18		15.3	16.2	15.6	16.5	15.2
32		16.7	16.4	15.8	15.1	14.5
100		15.7	16.1	15.5	15.3	15.4
180		11.4	12.2	12.4	12.6	11.5
320		0	0	0	0	0

Graphics





Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	13-5275-2679	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 12:35	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	12-3363-7000	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 15:10	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 15:10	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	10-6440-0951	**Code:**	KLP120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09 12:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09 12:00	**Source:**	Reference Toxicant		
Sample Age:	3h	**Station:**			

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	32	100	56.57		7.42%

Steel Many-One Rank Test

Control	vs	Conc-µg/L	Test Stat	Critical	Ties	P-Value	Decision(5%)
Negative Control		5.6	25.5	16	2	0.6807	Non-Significant Effect
		18	27	16	0	0.8003	Non-Significant Effect
		32	21	16	1	0.2625	Non-Significant Effect
		100*	15	16	0	0.0191	Significant Effect
		180*	15	16	0	0.0191	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.916	0.7 - NL	Yes	Result Within Limits
PMSD	0.07421	NL - 0.2	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.867	2.908	0.0600	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	1.355877	0.2711754	5	52.64	<0.0001	Significant Effect
Error	0.1236471	0.005151961	24			
Total	1.479524	0.2763273	29			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	19.82	15.09	0.0014	Unequal Variances
Variances	Mod Levene Equality of Variance	4.464	4.248	0.0081	Unequal Variances
Distribution	Shapiro-Wilk Normality	0.9383		0.0818	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1389	0.1853	0.1435	Normal Distribution
Distribution	D'Agostino Skewness	1.421	2.576	0.1552	Normal Distribution
Distribution	D'Agostino Kurtosis	2.017	2.576	0.0437	Normal Distribution
Distribution	D'Agostino Omnibus	6.087	9.21	0.0477	Normal Distribution

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	13-5275-2679	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 12:35	**Analysis:**	Nonparametric-Control vs Treatments	**Official Results:**	Yes

Germination Rate Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	0.916	0.9109	0.9211	0.91	0.94	0.002491	0.01342	1.47%	0.0%
5.6		5	0.906	0.8961	0.9159	0.88	0.94	0.004842	0.02608	2.88%	1.09%
18		5	0.906	0.8944	0.9176	0.86	0.93	0.005663	0.0305	3.37%	1.09%
32		5	0.904	0.8976	0.9104	0.89	0.93	0.003107	0.01673	1.85%	1.31%
100		5	0.722	0.7105	0.7335	0.68	0.76	0.005632	0.03033	4.2%	21.18%
180		5	0.418	0.3618	0.4742	0.24	0.56	0.02743	0.1477	35.34%	54.37%
320		5	0	0	0	0	0	0	0		100.0%

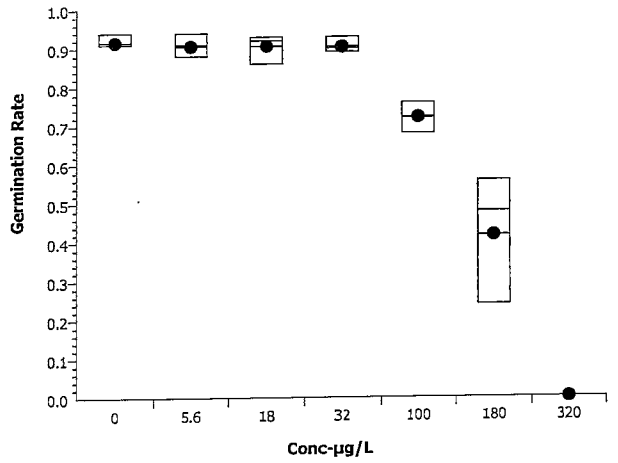
Angular (Corrected) Transformed Summary

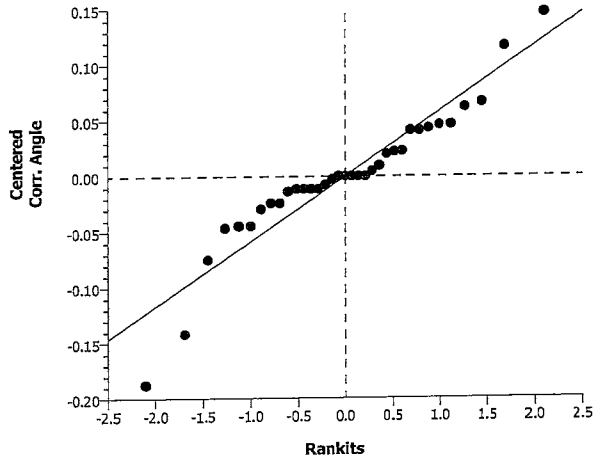
Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	5	1.278	1.268	1.287	1.266	1.323	0.004752	0.02559	2.0%	0.0%
5.6		5	1.262	1.244	1.279	1.217	1.323	0.00846	0.04556	3.61%	1.26%
18		5	1.262	1.243	1.281	1.187	1.303	0.009418	0.05072	4.02%	1.22%
32		5	1.257	1.246	1.268	1.233	1.303	0.005448	0.02934	2.33%	1.63%
100		5	1.016	1.003	1.029	0.9695	1.059	0.006285	0.03385	3.33%	20.48%
180		5	0.6992	0.6407	0.7576	0.512	0.8455	0.02853	0.1536	21.97%	45.27%
320		5	0.05002	0.05002	0.05002	0.05002	0.05002	0	0	0.0%	96.08%

Germination Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.91	0.91	0.94	0.91	0.91
5.6		0.88	0.88	0.92	0.94	0.91
18		0.89	0.86	0.93	0.92	0.93
32		0.89	0.91	0.93	0.89	0.9
100		0.72	0.68	0.76	0.74	0.71
180		0.28	0.56	0.24	0.48	0.53
320		0	0	0	0	0

Graphics





CETIS Analytical Report

Test Code: 06-6908-4427/KLP120809

Macrocystis Germination and Germ Tube Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	07-2423-6947	Endpoint:	Mean Length	CETIS Version:	CETISv1.7.0
Analyzed:	11 Jan-10 12:35	Analysis:	Linear Interpolation (ICPIN)	Official Results:	Yes
Batch ID:	12-3363-7000	Test Type:	Growth-Germination	Analyst:	
Start Date:	08 Dec-09 15:10	Protocol:	EPA/600/R-95/136 (1995)	Diluent:	Laboratory Seawater
Ending Date:	10 Dec-09 15:10	Species:	Macrocystis pyrifera	Brine:	Not Applicable
Duration:	48h	Source:	David Gutoff	Age:	
Sample ID:	10-6440-0951	Code:	KLP120809	Client:	Internal Lab
Sample Date:	08 Dec-09 12:00	Material:	Copper chloride	Project:	
Receive Date:	08 Dec-09 12:00	Source:	Reference Toxicant		
Sample Age:	3h	Station:			

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	4687001	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	15.94	10 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.225	2.978	0.7553	No Outliers Detected

Point Estimates

Level	µg/L	95% LCL	95% UCL
IC5	110.2	N/A	122.7
IC10	128	100.8	142.6
IC15	145.8	119.6	162.7
IC20	163.6	138.8	182.8
IC25	180.8	158.7	190.4
IC40	208.6	197.7	216.4
IC50	227.2	218	233.6

Mean Length Summary

			Calculated Variate						
Conc-µg/L	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	5	15.94	14.7	17.1	0.174	0.9529	5.98%	0.0%
5.6		5	15.42	14.8	16	0.08	0.4382	2.84%	3.26%
18		5	15.76	15.2	16.5	0.1038	0.5683	3.61%	1.13%
32		5	15.7	14.5	16.7	0.1658	0.9083	5.79%	1.51%
100		5	15.6	15.3	16.1	0.05774	0.3162	2.03%	2.13%
180		5	12.02	11.4	12.6	0.09866	0.5404	4.5%	24.59%
320		5	0	0	0	0	0		100.0%

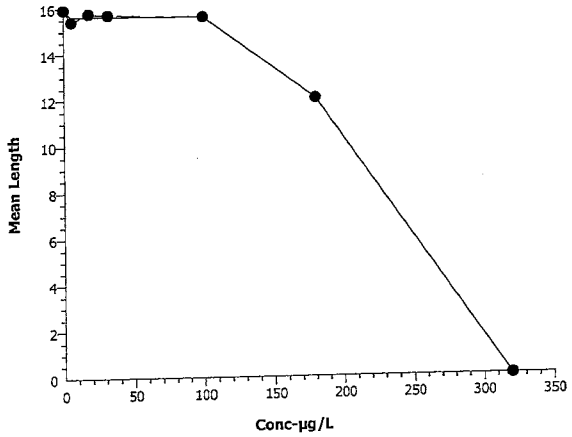
Mean Length Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	15.3	14.7	16.1	16.5	17.1
5.6		15.3	15.6	14.8	15.4	16
18		15.3	16.2	15.6	16.5	15.2
32		16.7	16.4	15.8	15.1	14.5
100		15.7	16.1	15.5	15.3	15.4
180		11.4	12.2	12.4	12.6	11.5
320		0	0	0	0	0

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	07-2423-6947	**Endpoint:**	Mean Length	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 12:35	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	08-4403-8289	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 12:35	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	12-3363-7000	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 15:10	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 15:10	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	10-6440-0951	**Code:**	KLP120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09 12:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09 12:00	**Source:**	Reference Toxicant		
Sample Age:	3h	**Station:**			

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	4687001	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.916	0.7 - NL	Yes	Result Within Limits

Point Estimates

Level	µg/L	95% LCL	95% UCL
EC5	44.63	34.1	49.96
EC10	61.74	51.43	68.75
EC15	78.85	68.05	88.52
EC20	95.96	83.62	106.2
EC25	109.2	100.4	119.9
EC40	145.4	126.2	184.5
EC50	169.5	142.4	213.3

Germination Rate Summary

			Calculated Variate(A/B)								
Conc-µg/L	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	5	0.916	0.91	0.94	0.002449	0.01342	1.47%	0.0%	458	500
5.6		5	0.906	0.88	0.94	0.004761	0.02608	2.88%	1.09%	453	500
18		5	0.906	0.86	0.93	0.005568	0.0305	3.37%	1.09%	453	500
32		5	0.904	0.89	0.93	0.003055	0.01673	1.85%	1.31%	452	500
100		5	0.722	0.68	0.76	0.005538	0.03033	4.2%	21.18%	361	500
180		5	0.418	0.24	0.56	0.02697	0.1477	35.34%	54.37%	208	500
320		5	0	0	0	0	0		100.0%	0	500

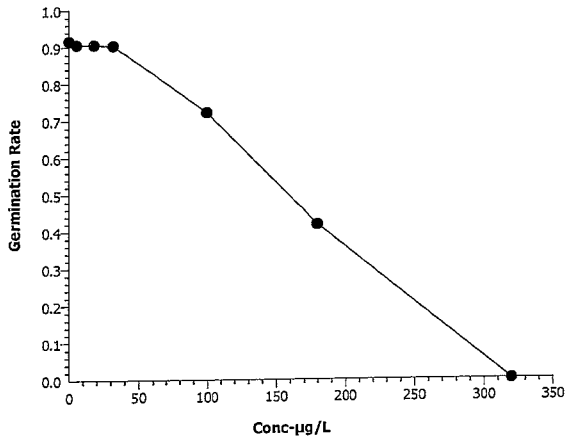
Germination Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
0	Negative Control	0.91	0.91	0.94	0.91	0.91
5.6		0.88	0.88	0.92	0.94	0.91
18		0.89	0.86	0.93	0.92	0.93
32		0.89	0.91	0.93	0.89	0.9
100		0.72	0.68	0.76	0.74	0.71
180		0.28	0.56	0.24	0.48	0.53
320		0	0	0	0	0

Macrocystis Germination and Germ Tube Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Analysis ID:	08-4403-8289	**Endpoint:**	Germination Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 12:35	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Macrocystis Germination and Germ Tube Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Batch ID:	12-3363-7000	**Test Type:**	Growth-Germination	**Analyst:**	
Start Date:	08 Dec-09 15:10	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	10 Dec-09 15:10	**Species:**	Macrocystis pyrifera	**Brine:**	Not Applicable
Duration:	48h	**Source:**	David Gutoff	**Age:**	
Sample ID:	10-6440-0951	**Code:**	KLP120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09 12:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09 12:00	**Source:**	Reference Toxicant		
Sample Age:	3h	**Station:**			

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.95	6.495	7.405	6	7.9	0.2239	1.344	19.33%	0
5.6		2	6.7	6.174	7.226	5.6	7.8	0.2593	1.556	23.22%	0
18		2	6.8	6.369	7.231	5.9	7.7	0.2121	1.273	18.72%	0
32		2	6.05	5.787	6.313	5.5	6.6	0.1296	0.7778	12.86%	0
100		2	6.4	6.161	6.639	5.9	6.9	0.1179	0.7071	11.05%	0
180		2	6.5	6.117	6.883	5.7	7.3	0.1886	1.131	17.41%	0
320		2	6.05	5.835	6.265	5.6	6.5	0.1061	0.6364	10.52%	0
Overall		14	6.493			5.5	7.9				0 (0%)

pH-Units

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	43.95	26.7	61.2	7.9	80	8.497	50.98	116.0%	0
5.6		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
18		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
32		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
100		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
180		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
320		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
Overall		14	13.09			7.9	80				0 (0%)

Salinity-ppt

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
5.6		2	34	34	34	34	34	0	0	0.0%	0
18		2	34	34	34	34	34	0	0	0.0%	0
32		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
180		2	34	34	34	34	34	0	0	0.0%	0
320		2	34	34	34	34	34	0	0	0.0%	0
Overall		14	34			34	34				0 (0%)

Temperature-°C

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
5.6		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
18		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
32		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
100		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
180		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
320		2	15	14.95	15.05	14.9	15.1	0.02357	0.1414	0.94%	0
Overall		14	14.97			14.9	15.1				0 (0%)

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	1	2
0	Negative Contr	7.9	6
5.6		7.8	5.6
18		7.7	5.9
32		6.6	5.5
100		6.9	5.9
180		7.3	5.7
320		6.5	5.6

pH-Units

Conc-µg/L	Control Type	1	2
0	Negative Contr	80	7.9
5.6		8	7.9
18		8	7.9
32		8	7.9
100		8	7.9
180		8	7.9
320		8	7.9

Salinity-ppt

Conc-µg/L	Control Type	1	2
0	Negative Contr	34	34
5.6		34	34
18		34	34
32		34	34
100		34	34
180		34	34
320		34	34

Temperature-°C

Conc-µg/L	Control Type	1	2
0	Negative Contr	14.9	15
5.6		14.9	15
18		14.9	15.1
32		14.9	15.1
100		14.9	15
180		14.9	15
320		14.9	15.1

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SEA URCHIN FERTILIZATION BIOASSAY

DATE: 8 December - 09

STANDARD TOXICANT: Copper Chloride

NOEC = 0.18 ug/l

IC25 = 56.00 ug/l
IC50 = 76.37 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Analytical Report

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	15-1519-7512	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:10	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	08-3702-9510	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	15-8656-5563	**Code:**	URCF120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09	**Source:**	Reference Toxicant		
Sample Age:	12h	**Station:**	REF TOX		

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	18	32	24		2.28%

Dunnett's Multiple Comparison Test

Control	vs	Conc-µg/L	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		18	0	2.356	0.1015	0.8000	Non-Significant Effect
		32*	3.076	2.356	0.1015	0.0127	Significant Effect
		56*	10.97	2.356	0.1015	<0.0001	Significant Effect
		100*	24.37	2.356	0.1015	<0.0001	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.7 - NL	Yes	Result Within Limits
PMSD	0.02279	NL - 0.25	No	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.209	2.708	0.3750	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	3.181463	0.7953656	4	214.2	<0.0001	Significant Effect
Error	0.05570288	0.003713525	15			
Total	3.237165	0.7990792	19			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	4.07	4.893	0.0198	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9224		0.1103	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.2	0.2235	0.0351	Normal Distribution
Distribution	D'Agostino Skewness	0.2564	2.576	0.7977	Normal Distribution
Distribution	D'Agostino Kurtosis	1.334	2.576	0.1822	Normal Distribution
Distribution	D'Agostino Omnibus	1.846	9.21	0.3974	Normal Distribution

CETIS Analytical Report

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 15-1519-7512 Endpoint: Fertilization Rate CETIS Version: CETISv1.7.0
Analyzed: 11 Jan-10 10:10 Analysis: Parametric-Control vs Treatments Official Results: Yes

Fertilization Rate Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	1	1	1	1	1	0	0	0.0%	0.0%
18		4	1	1	1	1	1	0	0	0.0%	0.0%
32		4	0.9625	0.9507	0.9743	0.92	0.99	0.005749	0.03096	3.22%	3.75%
56		4	0.75	0.7339	0.7661	0.71	0.8	0.007878	0.04243	5.66%	25.0%
100		4	0.21	0.18	0.24	0.12	0.31	0.01462	0.07874	37.5%	79.0%
180		4	0	0	0	0	0	0	0		100.0%

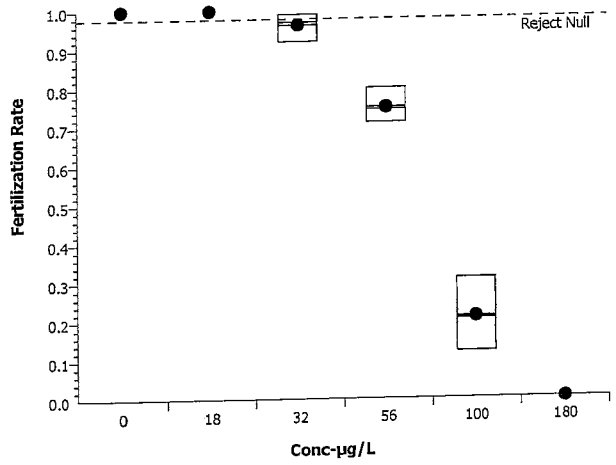
Angular (Corrected) Transformed Summary

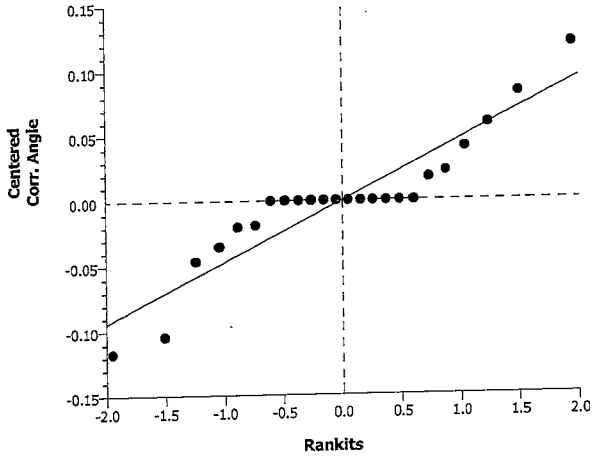
Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
18		4	1.521	1.521	1.521	1.521	1.521	0	0	0.0%	0.0%
32		4	1.388	1.357	1.419	1.284	1.471	0.01503	0.08094	5.83%	8.71%
56		4	1.048	1.029	1.067	1.002	1.107	0.009176	0.04942	4.71%	31.07%
100		4	0.4709	0.4336	0.5081	0.3537	0.5905	0.01817	0.09785	20.78%	69.04%
180		4	0.05002	0.05002	0.05002	0.05002	0.05002	0	0	0.0%	96.71%

Fertilization Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
18		1	1	1	1
32		0.99	0.98	0.92	0.96
56		0.71	0.8	0.72	0.77
100		0.31	0.12	0.19	0.22
180		0	0	0	0

Graphics





CETIS Analytical Report

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	05-8861-5399	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:10	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	08-3702-9510	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	15-8656-5563	**Code:**	URCF120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09	**Source:**	Reference Toxicant		
Sample Age:	12h	**Station:**	REF TOX		

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	3640187	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	1	0.7 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.431	2.802	0.2293	No Outliers Detected

Point Estimates

Level	µg/L	95% LCL	95% UCL
EC5	33.41	25.98	36.75
EC10	39.06	34.88	42.57
EC15	44.71	40.72	49.2
EC20	50.35	46.2	56.23
EC25	56	50.57	60.57
EC40	68.22	64.43	72.37
EC50	76.37	72.31	81.42

Fertilization Rate Summary

			Calculated Variate(A/B)								
Conc-µg/L	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	1	1	1	0	0	0.0%	0.0%	400	400
18		4	1	1	1	0	0	0.0%	0.0%	400	400
32		4	0.9625	0.92	0.99	0.005652	0.03096	3.22%	3.75%	385	400
56		4	0.75	0.71	0.8	0.007746	0.04243	5.66%	25.0%	300	400
100		4	0.21	0.12	0.31	0.01438	0.07874	37.5%	79.0%	84	400
180		4	0	0	0	0	0		100.0%	0	400

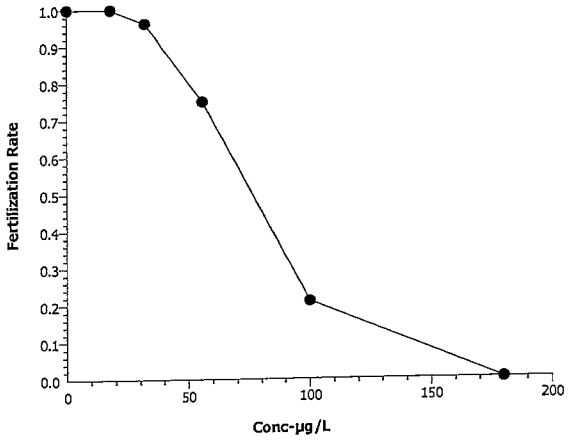
Fertilization Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	1	1	1	1
18		1	1	1	1
32		0.99	0.98	0.92	0.96
56		0.71	0.8	0.72	0.77
100		0.31	0.12	0.19	0.22
180		0	0	0	0

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	05-8861-5399	**Endpoint:**	Fertilization Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	11 Jan-10 10:10	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Purple Sea Urchin Sperm Cell Fertilization Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	08-3702-9510	**Test Type:**	Fertilization	**Analyst:**	
Start Date:	08 Dec-09 12:00	**Protocol:**	EPA/600/R-95/136 (1995)	**Diluent:**	Laboratory Seawater
Ending Date:	08 Dec-09 13:00	**Species:**	Strongylocentrotus purpuratus	**Brine:**	Not Applicable
Duration:	60m	**Source:**	David Gutoff	**Age:**	
Sample ID:	15-8656-5563	**Code:**	URCF120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09	**Source:**	Reference Toxicant		
Sample Age:	12h	**Station:**	REF TOX		

Parameter Acceptability

Parameter	Min	Max	Acceptability Limits	Overlap	Decision
Salinity-ppt	34	34	32 - 36	Yes	Results Within Limits
Temperature-°C	14.9	15	11 - 13	Yes	Results Above Limit

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	6.95	6.495	7.405	6	7.9	0.2239	1.344	19.33%	0
18		2	6.55	6.048	7.052	5.5	7.6	0.2475	1.485	22.67%	0
32		2	6.6	6.121	7.079	5.6	7.6	0.2357	1.414	21.43%	0
56		2	6.4	6.017	6.783	5.6	7.2	0.1886	1.131	17.68%	0
100		2	6.5	6.117	6.883	5.7	7.3	0.1886	1.131	17.41%	0
180		2	6.45	6.043	6.857	5.6	7.3	0.2003	1.202	18.64%	0
Overall		12	6.575			5.5	7.9				0 (0%)

Total Ammonia (N)-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	1	0			0	0	0	0		0
18		1	0			0	0	0	0		0
32		1	0			0	0	0	0		0
56		1	0			0	0	0	0		0
100		1	0			0	0	0	0		0
180		1	0			0	0	0	0		0
Overall		6	0			0	0				0 (0%)

pH-Units

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
18		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
32		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
56		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
100		2	7.95	7.926	7.974	7.9	8	0.01178	0.0707	0.89%	0
180		2	7.9	7.899	7.901	7.9	7.9	0	0	0.0%	0
Overall		12	7.942			7.9	8				0 (0%)

Salinity-ppt

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	34	34	34	34	34	0	0	0.0%	0
18		2	34	34	34	34	34	0	0	0.0%	0
32		2	34	34	34	34	34	0	0	0.0%	0
56		2	34	34	34	34	34	0	0	0.0%	0
100		2	34	34	34	34	34	0	0	0.0%	0
180		2	34	34	34	34	34	0	0	0.0%	0
Overall		12	34			34	34				0 (0%)

Purple Sea Urchin Sperm Cell Fertilization Test — Aquatic Bioassay & Consulting Labs, Inc.

Temperature-°C

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
18		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
32		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
56		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
100		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
180		2	14.95	14.93	14.97	14.9	15	0.01179	0.07075	0.47%	0
Overall		12	14.95			14.9	15				0 (0%)

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	1	2
0	Negative Contr	7.9	6
18		7.6	5.5
32		7.6	5.6
56		7.2	5.6
100		7.3	5.7
180		7.3	5.6

Total Ammonia (N)-mg/L

Conc-µg/L	Control Type	1	2
0	Negative Contr	0	
18		0	
32		0	
56		0	
100		0	
180		0	

pH-Units

Conc-µg/L	Control Type	1	2
0	Negative Contr	8	7.9
18		8	7.9
32		8	7.9
56		8	7.9
100		8	7.9
180		7.9	7.9

Salinity-ppt

Conc-µg/L	Control Type	1	2
0	Negative Contr	34	34
18		34	34
32		34	34
56		34	34
100		34	34
180		34	34

Temperature-°C

Conc-µg/L	Control Type	1	2
0	Negative Contr	14.9	15
18		14.9	15
32		14.9	15
56		14.9	15
100		14.9	15
180		14.9	15

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SILVERSIDE MINNOW SURVIVAL AND GROWTH BIOASSAY

8 December - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT:	SURVIVAL
NOEC =	100.00 ug/l
IC25 =	107.40 ug/l
IC50 =	135.60 ug/l
ENDPOINT:	GROWTH
NOEC =	100.00 ug/l
IC25 =	115.50 ug/l
IC50 =	145.50 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

cc:

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test

Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	13-5394-4843	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	06 Jan-10 9:27	**Analysis:**	Parametric-Two Sample	**Official Results:**	Yes
Batch ID:	06-8609-7593	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:00	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	20-5685-3305	**Code:**	MEN120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09 16:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09 16:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Untransformed	0	C > T	Not Run	100	180	134.2		25.97%

Equal Variance t Two-Sample Test

Control	vs	Conc-µg/L	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		32	0.4619	1.943	0.1935	0.3302	Non-Significant Effect
		56	0.9741	1.943	0.08227	0.1838	Non-Significant Effect
		100	1.191	1.943	0.1317	0.1393	Non-Significant Effect
		180*	5.892	1.943	0.1742	0.0005	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.6707	0.5 - NL	Yes	Result Within Limits
PMSD	0.2597	0.11 - 0.28	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.066	2.708	0.5948	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	0.7697356	0.1924339	4	11.61	0.0002	Significant Effect
Error	0.2485532	0.01657022	15			
Total	1.018289	0.2090041	19			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Bartlett Equality of Variance	5.693	13.28	0.2233	Equal Variances
Variances	Mod Levene Equality of Variance	3.852	4.893	0.0240	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9576		0.4968	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.1089	0.2235	0.8544	Normal Distribution
Distribution	D'Agostino Skewness	0.6231	2.576	0.5332	Normal Distribution
Distribution	D'Agostino Kurtosis	0.6382	2.576	0.5234	Normal Distribution
Distribution	D'Agostino Omnibus	0.7956	9.21	0.6718	Normal Distribution

Mean Dry Biomass-mg Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.6707	0.6443	0.6972	0.579	0.742	0.01291	0.06953	10.37%	0.0%
32		4	0.6247	0.5538	0.6957	0.458	0.861	0.03465	0.1866	29.87%	6.86%
56		4	0.6295	0.6111	0.6479	0.559	0.665	0.008973	0.04832	7.68%	6.15%
100		4	0.59	0.5457	0.6343	0.467	0.742	0.02161	0.1164	19.73%	12.04%
180		4	0.1425	0.07963	0.2054	0	0.304	0.03069	0.1653	116.0%	78.76%
320		4	0	0	0	0	0	0	0		100.0%

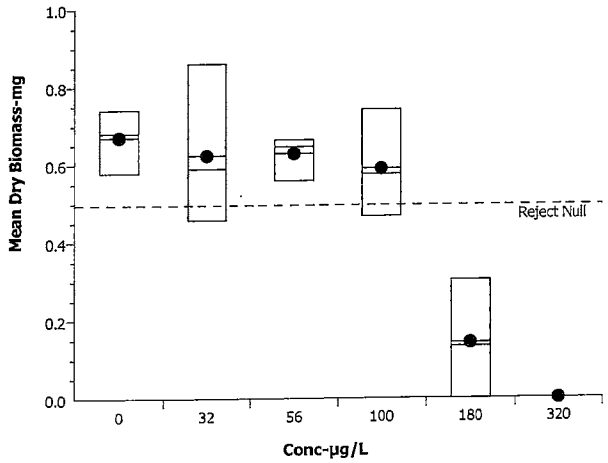
Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

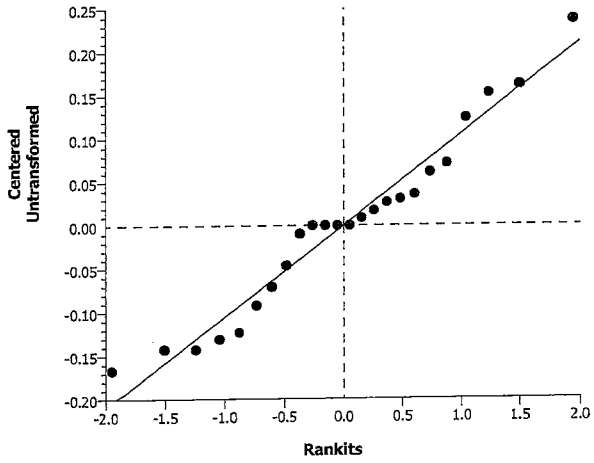
Analysis ID:	13-5394-4843	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	06 Jan-10 9:27	**Analysis:**	Parametric-Two Sample	**Official Results:**	Yes

Mean Dry Biomass-mg Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.701	0.579	0.742	0.661
32		0.861	0.458	0.494	0.686
56		0.656	0.638	0.559	0.665
100		0.607	0.742	0.467	0.544
180		0.266	0	0.304	0
320		0	0	0	0

Graphics





CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	11-9949-0364	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	06 Jan-10 9:26	**Analysis:**	Parametric-Control vs Treatments	**Official Results:**	Yes
Batch ID:	06-8609-7593	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:00	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	20-5685-3305	**Code:**	MEN120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09 16:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09 16:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Data Transform	Zeta	Alt Hyp	Monte Carlo	NOEL	LOEL	TOEL	TU	PMSD
Angular (Corrected)	0	C > T	Not Run	100	180	134.2		19.15%

Dunnett's Multiple Comparison Test

Control	vs	Conc-µg/L	Test Stat	Critical	MSD	P-Value	Decision(5%)
Negative Control		32	0.7323	2.356	0.2622	0.5004	Non-Significant Effect
		56	0.8155	2.356	0.2622	0.4631	Non-Significant Effect
		100	2.185	2.356	0.2622	0.0678	Non-Significant Effect
		180*	9.16	2.356	0.2622	<0.0001	Significant Effect

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.95	0.8 - NL	Yes	Result Within Limits

Auxiliary Tests

Attribute	Test	Test Stat	Critical	P-Value	Decision
Extreme Value	Grubbs Single Outlier	2.53	2.708	0.1122	No Outliers Detected

ANOVA Table

Source	Sum Squares	Mean Square	DF	F Stat	P-Value	Decision(5%)
Between	2.805325	0.7013313	4	28.32	<0.0001	Significant Effect
Error	0.3714659	0.02476439	15			
Total	3.176791	0.7260957	19			

ANOVA Assumptions

Attribute	Test	Test Stat	Critical	P-Value	Decision(1%)
Variances	Mod Levene Equality of Variance	2.045	4.893	0.1393	Equal Variances
Distribution	Shapiro-Wilk Normality	0.9207		0.1022	Normal Distribution
Distribution	Kolmogorov-Smirnov	0.2	0.2235	0.0351	Normal Distribution
Distribution	D'Agostino Skewness	1.602	2.576	0.1092	Normal Distribution
Distribution	D'Agostino Kurtosis	0.8337	2.576	0.4045	Normal Distribution
Distribution	D'Agostino Omnibus	3.26	9.21	0.1959	Normal Distribution

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID: 11-9949-0364 Endpoint: 7d Survival Rate CETIS Version: CETISv1.7.0
Analyzed: 06 Jan-10 9:26 Analysis: Parametric-Control vs Treatments Official Results: Yes

7d Survival Rate Summary

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.95	0.928	0.972	0.9	1	0.01072	0.05773	6.08%	0.0%
32		4	0.9	0.8999	0.9001	0.9	0.9	0	0	0.0%	5.26%
56		4	0.875	0.803	0.947	0.6	1	0.03515	0.1893	21.63%	7.9%
100		4	0.775	0.7271	0.8229	0.6	0.9	0.02337	0.1258	16.24%	18.42%
180		4	0.1	0.05608	0.1439	0	0.2	0.02144	0.1155	115.5%	89.47%
320		4	0	0	0	0	0	0	0		100.0%

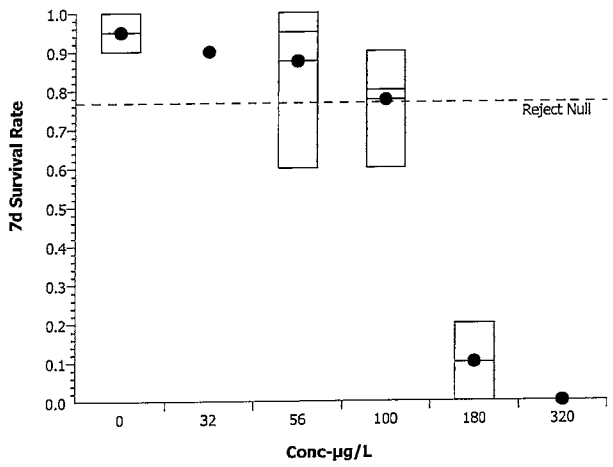
Angular (Corrected) Transformed Summary

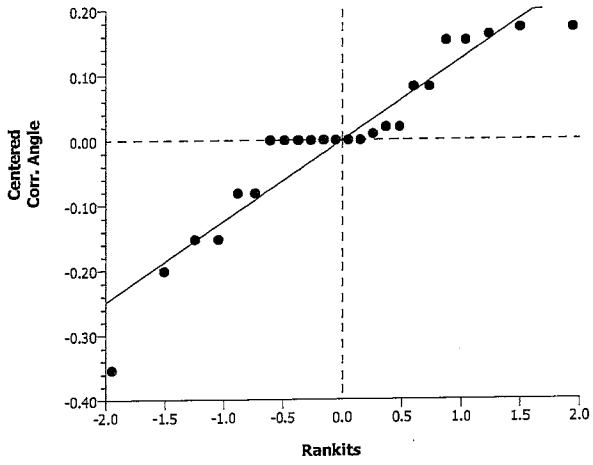
Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Contr	4	1.331	1.295	1.366	1.249	1.412	0.01747	0.09409	7.07%	0.0%
32		4	1.249	1.249	1.249	1.249	1.249	0	0	0.0%	6.12%
56		4	1.24	1.145	1.334	0.8861	1.412	0.04605	0.248	20.0%	6.82%
100		4	1.087	1.03	1.144	0.8861	1.249	0.02784	0.1499	13.79%	18.28%
180		4	0.3112	0.2443	0.3782	0.1588	0.4636	0.03269	0.176	56.56%	76.61%
320		4	0.1588	0.1588	0.1588	0.1588	0.1588	0	0	0.0%	88.07%

7d Survival Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9	0.9	1	1
32		0.9	0.9	0.9	0.9
56		1	0.9	0.6	1
100		0.8	0.9	0.6	0.8
180		0.2	0	0.2	0
320		0	0	0	0

Graphics





CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	01-2296-5336	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	06 Jan-10 9:27	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	06-8609-7593	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:00	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	20-5685-3305	**Code:**	MEN120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09 16:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09 16:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	5334240	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.6707	0.5 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.273	2.802	0.3969	No Outliers Detected

Point Estimates

Level	µg/L	95% LCL	95% UCL
IC5	24.6	N/A	151.2
IC10	83.8	N/A	122.5
IC15	103.6	N/A	120.4
IC20	109.5	35.35	126.8
IC25	115.5	74.87	132.6
IC40	133.5	107	158.8
IC50	145.5	118.9	179.3

Mean Dry Biomass-mg Summary

			Calculated Variate						
Conc-µg/L	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%
0	Negative Control	4	0.6707	0.579	0.742	0.0127	0.06953	10.37%	0.0%
32		4	0.6247	0.458	0.861	0.03407	0.1866	29.87%	6.86%
56		4	0.6295	0.559	0.665	0.008822	0.04832	7.68%	6.15%
100		4	0.59	0.467	0.742	0.02125	0.1164	19.73%	12.04%
180		4	0.1425	0	0.304	0.03017	0.1653	116.0%	78.76%
320		4	0	0	0	0	0		100.0%

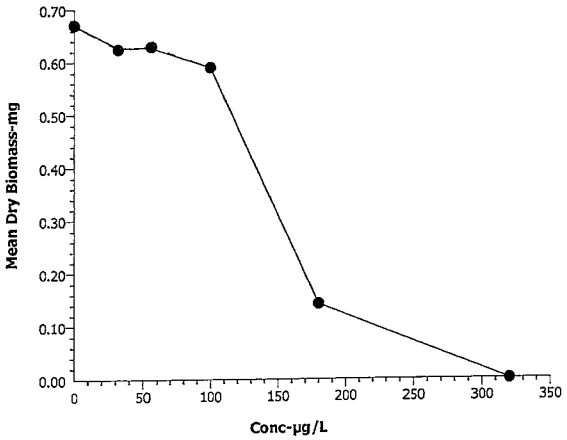
Mean Dry Biomass-mg Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.701	0.579	0.742	0.661
32		0.861	0.458	0.494	0.686
56		0.656	0.638	0.559	0.665
100		0.607	0.742	0.467	0.544
180		0.266	0	0.304	0
320		0	0	0	0

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	01-2296-5336	**Endpoint:**	Mean Dry Biomass-mg	**CETIS Version:**	CETISv1.7.0
Analyzed:	06 Jan-10 9:27	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Analytical Report

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	16-1291-3403	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	06 Jan-10 9:26	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes
Batch ID:	06-8609-7593	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:00	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	20-5685-3305	**Code:**	MEN120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09 16:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09 16:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Linear Interpolation Options

X Transform	Y Transform	Seed	Resamples	Exp 95% CL	Method
Linear	Linear	5334240	280	Yes	Two-Point Interpolation

Test Acceptability

Attribute	Test Stat	TAC Limits	Overlap	Decision
Control Resp	0.95	0.8 - NL	Yes	Result Within Limits

Residual Analysis

Attribute	Method	Test Stat	Critical	P-Value	Decision(5%)
Extreme Value	Grubbs Extreme Value	2.783	2.802	0.0544	No Outliers Detected

Point Estimates

Level	µg/L	95% LCL	95% UCL
EC5	30.4	7.36	98.11
EC10	64.8	12.32	117.6
EC15	85.7	15.14	116.2
EC20	101.8	18.81	114.6
EC25	107.4	42.76	119.3
EC40	124.3	102.5	135.2
EC50	135.6	117.1	147.1

7d Survival Rate Summary

			Calculated Variate(A/B)								
Conc-µg/L	Control Type	Count	Mean	Min	Max	Std Err	Std Dev	CV%	Diff%	A	B
0	Negative Control	4	0.95	0.9	1	0.01054	0.05773	6.08%	0.0%	38	40
32		4	0.9	0.9	0.9	0	0	0.0%	5.26%	36	40
56		4	0.875	0.6	1	0.03456	0.1893	21.63%	7.9%	35	40
100		4	0.775	0.6	0.9	0.02297	0.1258	16.24%	18.42%	31	40
180		4	0.1	0	0.2	0.02108	0.1155	115.5%	89.47%	4	40
320		4	0	0	0	0	0		100.0%	0	40

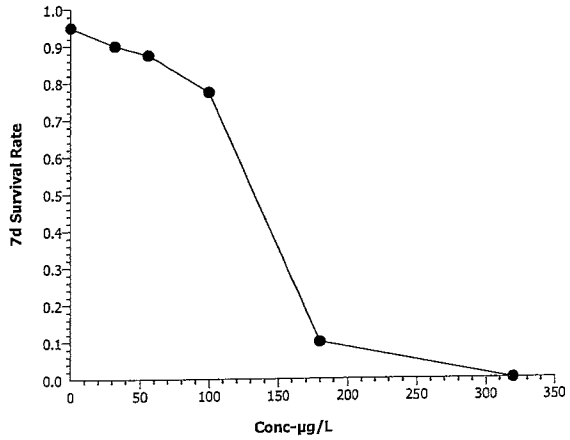
7d Survival Rate Detail

Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3	Rep 4
0	Negative Control	0.9	0.9	1	1
32		0.9	0.9	0.9	0.9
56		1	0.9	0.6	1
100		0.8	0.9	0.6	0.8
180		0.2	0	0.2	0
320		0	0	0	0

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Analysis ID:	16-1291-3403	**Endpoint:**	7d Survival Rate	**CETIS Version:**	CETISv1.7.0
Analyzed:	06 Jan-10 9:26	**Analysis:**	Linear Interpolation (ICPIN)	**Official Results:**	Yes

Graphics



CETIS Measurement Report

Inland Silverside 7-d Larval Survival and Growth Test — **Aquatic Bioassay & Consulting Labs, Inc.**

Batch ID:	06-8609-7593	**Test Type:**	Growth-Survival (7d)	**Analyst:**	
Start Date:	08 Dec-09 16:00	**Protocol:**	EPA/821/R-02-014 (2002)	**Diluent:**	Laboratory Seawater
Ending Date:	15 Dec-09 14:00	**Species:**	Menidia beryllina	**Brine:**	Not Applicable
Duration:	6d 22h	**Source:**	Aquatic Biosystems, CO	**Age:**	7-10
Sample ID:	20-5685-3305	**Code:**	MEN120809	**Client:**	Internal Lab
Sample Date:	08 Dec-09 16:00	**Material:**	Copper chloride	**Project:**	
Receive Date:	08 Dec-09 16:00	**Source:**	Reference Toxicant		
Sample Age:	N/A	**Station:**			

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	6.463	6.28	6.645	5.7	7	0.08995	0.5397	8.35%	0
32		8	6.375	6.24	6.51	5.8	6.9	0.06652	0.3991	6.26%	0
56		8	6.375	6.24	6.51	5.8	6.9	0.06652	0.3991	6.26%	0
100		8	6.388	6.249	6.526	5.8	6.9	0.0681	0.4086	6.4%	0
180		8	6.338	6.179	6.496	5.7	6.9	0.07814	0.4689	7.4%	0
320		2	6.2	6.104	6.296	6	6.4	0.04714	0.2828	4.56%	0
Overall		42	6.356			5.7	7				0 (0%)

pH-Units

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	7.9	7.874	7.926	7.8	8	0.0126	0.07559	0.96%	0
32		8	7.825	7.782	7.868	7.6	8	0.02136	0.1282	1.64%	0
56		8	7.788	7.754	7.821	7.6	7.9	0.01652	0.0991	1.27%	0
100		8	7.75	7.714	7.786	7.6	7.9	0.01782	0.1069	1.38%	0
180		8	7.725	7.695	7.755	7.6	7.8	0.01477	0.08864	1.15%	0
320		2	7.8	7.8	7.8	7.8	7.8	0	0	0.0%	0
Overall		42	7.798			7.6	8				0 (0%)

Salinity-ppt

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	34	34	34	34	34	0	0	0.0%	0
32		8	34	34	34	34	34	0	0	0.0%	0
56		8	34	34	34	34	34	0	0	0.0%	0
100		8	34	34	34	34	34	0	0	0.0%	0
180		8	34	34	34	34	34	0	0	0.0%	0
320		8	34	34	34	34	34	0	0	0.0%	0
Overall		48	34			34	34				0 (0%)

Temperature-°C

Conc-µg/L	Control Type	Count	Mean	95% LCL	95% UCL	Min	Max	Std Err	Std Dev	CV%	QA Count
0	Negative Contr	8	24.04	24.01	24.06	24	24.2	0.01239	0.07436	0.31%	0
32		8	24.04	24.01	24.06	24	24.2	0.01239	0.07436	0.31%	0
56		8	24.04	24.01	24.06	24	24.2	0.01239	0.07436	0.31%	0
100		8	24.03	24.01	24.04	24	24.1	0.007704	0.04623	0.19%	0
180		8	24.04	24.01	24.06	24	24.2	0.01239	0.07436	0.31%	0
320		2	24	24	24	24	24	0	0	0.0%	0
Overall		42	24.03			24	24.2				0 (0%)

Inland Silverside 7-d Larval Survival and Growth Test — Aquatic Bioassay & Consulting Labs, Inc.

Dissolved Oxygen-mg/L

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	6	6	5.7	7	6.9	7	6.9	6.2
32		6.3	6	5.8	6.4	6.7	6.8	6.9	6.1
56		6.3	6	5.8	6.4	6.7	6.8	6.9	6.1
100		6.4	5.8	5.9	6.6	6.7	6.7	6.9	6.1
180		6.4	5.7	5.8	5.9	6.6	6.7	6.7	6.9
320		6.4	6						

pH-Units

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	7.9	7.8	7.8	8	8	7.9	7.9	7.9
32		7.8	7.7	7.6	7.8	8	7.9	7.9	7.9
56		7.8	7.7	7.6	7.8	7.9	7.8	7.8	7.9
100		7.8	7.6	7.6	7.7	7.8	7.8	7.8	7.9
180		7.8	7.6	7.6	7.7	7.8	7.8	7.8	7.7
320		7.8	7.8						

Salinity-ppt

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	34	34	34	34	34	34	34	34
32		34	34	34	34	34	34	34	34
56		34	34	34	34	34	34	34	34
100		34	34	34	34	34	34	34	34
180		34	34	34	34	34	34	34	34
320		34	34	34	34	34	34	34	34

Temperature-°C

Conc-µg/L	Control Type	1	2	3	4	5	6	7	8
0	Negative Contr	24	24	24.2	24.1	24	24	24	24
32		24	24	24.2	24.1	24	24	24	24
56		24	24	24.2	24.1	24	24	24	24
100		24	24	24.1	24.1	24	24	24	24
180		24	24	24.2	24.1	24	24	24	24
320		24	24						

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC TOPSMELT SURVIVAL AND GROWTH BIOASSAY

DATE: 8 December - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 100.00 ug/l

IC25 = 130.00 ug/l
IC50 = 162.67 ug/l

ENDPOINT: GROWTH

NOEC = 100.00 ug/l

IC25 = 123.72 ug/l
IC50 = 157.81 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

Larval Fish Growth and Survival Test-7 Day Survival

Start Date:	12/8/2009	Test ID:	TOPS120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA600/R95/136 1995	Test Species:	AA-Atherinops affinis
Comments:	Standard Toxicant				

Conc-ug/L	1	2	3	4	5
N Control	1.0000	1.0000	1.0000	0.8000	1.0000
56	1.0000	1.0000	1.0000	1.0000	1.0000
100	1.0000	0.8000	1.0000	1.0000	1.0000
180	0.2000	0.4000	0.8000	0.4000	0.0000
320	0.0000	0.0000	0.0000	0.0000	0.0000
560	0.0000	0.0000	0.0000	0.0000	0.0000

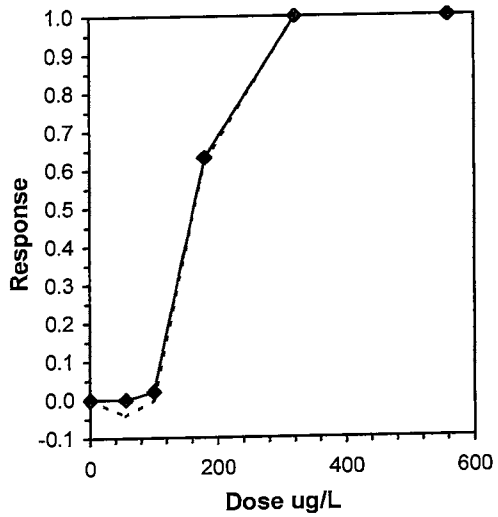
			Transform: Arcsin Square Root					Rank	1-Tailed	Isotonic	
Conc-ug/L	Mean	N-Mean	Mean	Min	Max	CV%	N	Sum	Critical	Mean	N-Mean
N Control	0.9600	1.0000	1.2977	1.1071	1.3453	8.207	5			0.9800	1.0000
56	1.0000	1.0417	1.3453	1.3453	1.3453	0.000	5	30.00	17.00	0.9800	1.0000
100	0.9600	1.0000	1.2977	1.1071	1.3453	8.207	5	27.50	17.00	0.9600	0.9796
*180	0.3600	0.3750	0.6331	0.2255	1.1071	51.476	5	15.50	17.00	0.3600	0.3673
320	0.0000	0.0000	0.2255	0.2255	0.2255	0.000	5			0.0000	0.0000
560	0.0000	0.0000	0.2255	0.2255	0.2255	0.000	5			0.0000	0.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates non-normal distribution (p <= 0.01)	0.76259	0.868	0.27732	4.46528
Equality of variance cannot be confirmed				

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Steel's Many-One Rank Test	100	180	134.164	
Treatments vs N Control				

Linear Interpolation (200 Resamples)

Point	ug/L	SD	95% CL(Exp)		Skew
IC05	103.87	9.19	59.57	110.97	-1.5561
IC10	110.40	5.46	83.80	122.07	-0.5912
IC15	116.93	5.64	99.36	132.44	1.2837
IC20	123.47	6.72	108.24	142.91	1.9961
IC25	130.00	8.03	113.32	155.16	2.1843
IC40	149.60	11.93	127.57	195.27	1.5928
IC50	162.67	15.11	136.16	223.73	1.3490

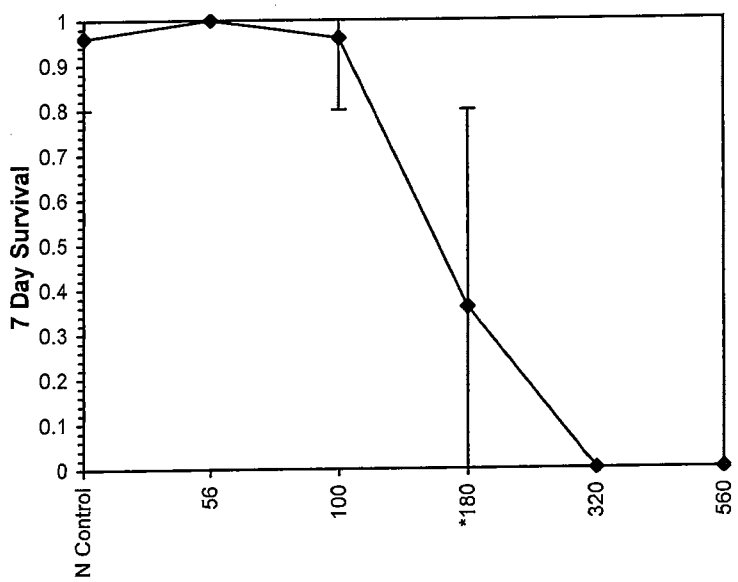


Reviewed by: _____

Larval Fish Growth and Survival Test-7 Day Survival

Start Date:	12/8/2009	Test ID:	TOPS120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA600/R95/136 1995	Test Species:	AA-Atherinops affinis
Comments:	Standard Toxicant				

Dose-Response Plot



ToxCalc v5.0.23

Reviewed by:

Larval Fish Growth and Survival Test-7 Day Biomass

Start Date:	12/8/2009	Test ID:	TOPS120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA600/R95/136 1995	Test Species:	AA-Atherinops affinis
Comments:	Standard Toxicant				

Conc-ug/L	1	2	3	4	5
N Control	1.0520	1.0740	1.1240	0.4120	0.8920
56	0.9540	1.2340	1.0600	1.0900	1.2380
100	0.9920	0.5640	0.8480	1.3700	0.9060
180	0.2400	0.3100	0.7100	0.4480	0.0000
320	0.0000	0.0000	0.0000	0.0000	0.0000
560	0.0000	0.0000	0.0000	0.0000	0.0000

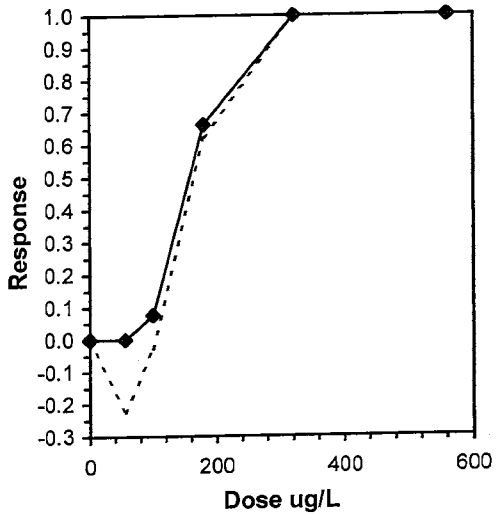
			Transform: Untransformed					1-Tailed			Isotonic	
Conc-ug/L	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	0.9108	1.0000	0.9108	0.4120	1.1240	32.066	5				1.0130	1.0000
56	1.1152	1.2244	1.1152	0.9540	1.2380	10.878	5	-1.284	2.230	0.3550	1.0130	1.0000
100	0.9360	1.0277	0.9360	0.5640	1.3700	31.080	5	-0.158	2.230	0.3550	0.9360	0.9240
*180	0.3416	0.3751	0.3416	0.0000	0.7100	76.764	5	3.576	2.230	0.3550	0.3416	0.3372
320	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	5				0.0000	0.0000
560	0.0000	0.0000	0.0000	0.0000	0.0000	0.000	5				0.0000	0.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.96594	0.868	-0.3232	0.34833
Bartlett's Test indicates equal variances (p = 0.41)	2.86478	11.3449		

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test	100	180	134.164		0.35499	0.38975	0.56262	0.06335	0.00107	3, 16
Treatments vs N Control										

Linear Interpolation (200 Resamples)

Point	ug/L	SD	95% CL(Exp)		Skew
IC05	84.94	18.14	51.12	120.19	0.0100
IC10	103.27	16.28	52.86	123.90	-0.3745
IC15	110.09	14.98	59.70	133.26	-0.5045
IC20	116.90	14.26	67.68	142.62	-0.4772
IC25	123.72	13.96	75.16	151.98	-0.3763
IC40	144.17	12.93	109.65	181.36	0.4536
IC50	157.81	14.00	124.40	206.41	0.9649

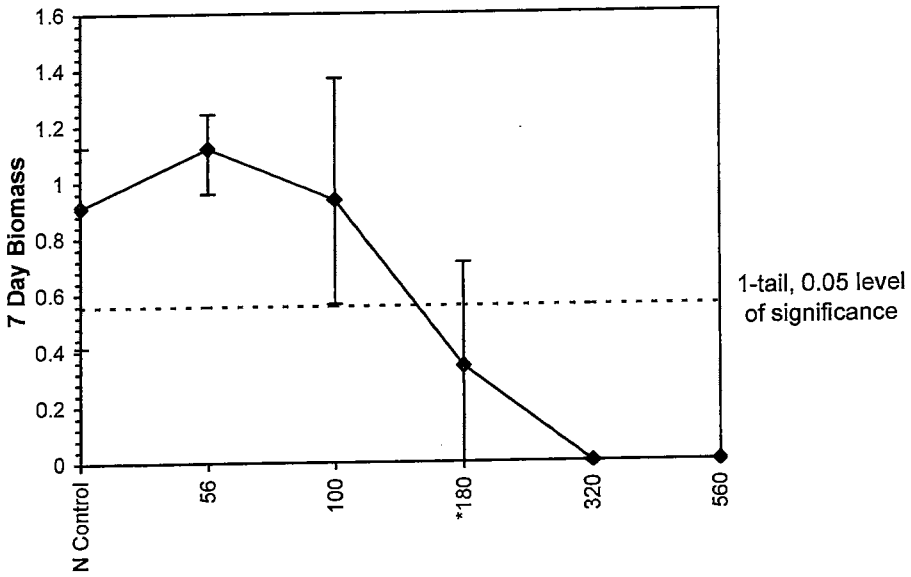


Reviewed by: _____

Larval Fish Growth and Survival Test-7 Day Biomass

Start Date:	12/8/2009	Test ID:	TOPS120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA600/R95/136 1995	Test Species:	AA-Atherinops affinis
Comments:	Standard Toxicant				

Dose-Response Plot



Reviewed by:

Larval Fish Growth and Survival Test-7 Day Biomass

Start Date:	12/8/2009	Test ID:	TOPS120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA600/R95/136 1995	Test Species:	AA-Atherinops affinis
Comments:	Standard Toxicant				

Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp.	21.00	21.00	21.00	0.00	0.00	8
56		21.00	21.00	21.00	0.00	0.00	8
100		21.00	21.00	21.00	0.00	0.00	8
180		21.00	21.00	21.00	0.00	0.00	8
320		21.00	21.00	21.00	0.00	0.00	2
560		21.00	21.00	21.00	0.00	0.00	2
N Control	pH	7.90	7.80	8.00	0.05	2.93	8
56		7.83	7.70	7.90	0.09	3.80	8
100		7.80	7.60	7.90	0.13	4.64	8
180		7.79	7.50	7.90	0.16	5.06	8
320		7.80	7.80	7.80	0.00	0.00	2
560		7.80	7.80	7.80	0.00	0.00	2
N Control	DO mg/L	6.51	6.00	7.00	0.47	10.56	8
56		6.31	5.50	6.90	0.51	11.33	8
100		6.28	5.50	6.90	0.59	12.24	8
180		6.26	5.60	6.90	0.57	12.09	8
320		6.20	6.00	6.40	0.28	8.58	2
560		6.20	6.00	6.40	0.28	8.58	2
N Control	Salinity ppt	34.00	34.00	34.00	0.00	0.00	8
56		34.00	34.00	34.00	0.00	0.00	8
100		34.00	34.00	34.00	0.00	0.00	8
180		34.00	34.00	34.00	0.00	0.00	8
320		34.00	34.00	34.00	0.00	0.00	2
560		34.00	34.00	34.00	0.00	0.00	2

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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC SELENASTRUM GROWTH BIOASSAY

DATE: 3 December- 09

STANDARD TOXICANT: Cadmium Chloride

NOEC = 40.00 ug/l

IC25 = 78.02 ug/l
IC50 = >80.00 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

Phytoplankton Test-Growth-Cell Density

Start Date:	12/3/2009	Test ID:	SEL120309	Sample ID:	CA0000000
End Date:	12/7/2009	Lab ID:	CAABC	Sample Type:	CDCL-Cadmium chloride
Sample Date:	12/3/2009	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	Standard Toxicant				

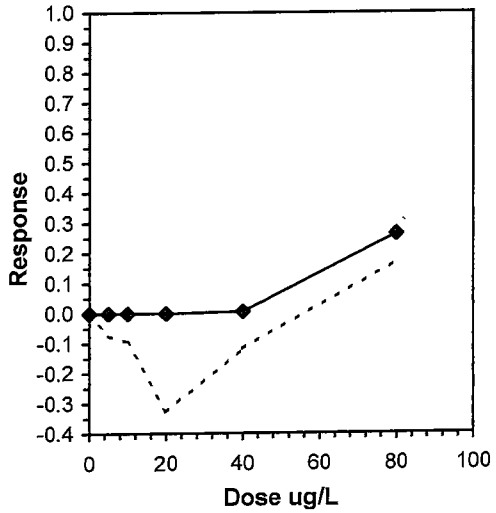
Conc-ug/L	1	2	3	4
N Control	1132000	1090000	1102000	1015000
5	1197000	1174000	1153000	1135000
10	1230000	1138000	1150000	1233000
20	1403000	1450000	1469000	1438000
40	1185000	1163000	1244000	1255000
80	902000	882000	890000	922000

			Transform: Untransformed					1-Tailed			Isotonic	
Conc-ug/L	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	1084750	1.0000	1084750	1015000	1132000	4.586	4				1219313	1.0000
5	1164750	1.0737	1164750	1135000	1197000	2.298	4	-2.947	2.410	65422.4	1219313	1.0000
10	1187750	1.0950	1187750	1138000	1233000	4.274	4	-3.794	2.410	65422.4	1219313	1.0000
20	1440000	1.3275	1440000	1403000	1469000	1.929	4	-13.087	2.410	65422.4	1219313	1.0000
40	1211750	1.1171	1211750	1163000	1255000	3.691	4	-4.678	2.410	65422.4	1211750	0.9938
*80	899000	0.8288	899000	882000	922000	1.935	4	6.843	2.410	65422.4	899000	0.7373

Auxiliary Tests					Statistic		Critical		Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)					0.95413		0.884		-0.3273	-0.894
Bartlett's Test indicates equal variances (p = 0.53)					4.16762		15.0863			
Hypothesis Test (1-tail, 0.05)	**NOEC**	**LOEC**	**ChV**	**TU**	**MSDu**	**MSDp**	**MSB**	**MSE**	**F-Prob**	**df**
Dunnett's Test	40	80	56.5685		65422.4	0.06031	1.2E+11	1.5E+09	7.5E-12	5, 18
Treatments vs N Control										

Linear Interpolation (200 Resamples)

Point	ug/L	SD	95% CL(Exp)		Skew
IC05	46.830	2.146	36.770	48.764	-1.3912
IC10	54.627	1.749	46.710	56.997	-1.1604
IC15	62.425	1.474	55.880	65.205	-0.8890
IC20	70.222	1.325	65.532	73.447	-0.3893
IC25	78.020				
IC40	>80				
IC50	>80				

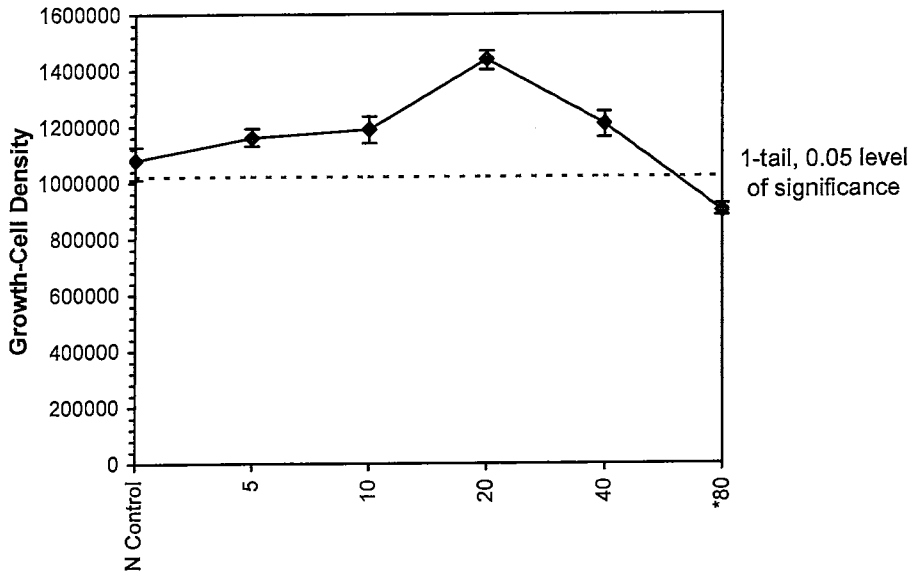


Reviewed by:

Phytoplankton Test-Growth-Cell Density

Start Date:	12/3/2009	Test ID:	SEL120309	Sample ID:	CA0000000
End Date:	12/7/2009	Lab ID:	CAABC	Sample Type:	CDCL-Cadmium chloride
Sample Date:	12/3/2009	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	Standard Toxicant				

Dose-Response Plot



Reviewed by:

Phytoplankton Test-Growth-Cell Density

Start Date:	12/3/2009	Test ID:	SEL120309	Sample ID:	CA0000000
End Date:	12/7/2009	Lab ID:	CAABC	Sample Type:	CDCL-Cadmium chloride
Sample Date:	12/3/2009	Protocol:	EPA-821-R-02-013	Test Species:	SC-Selenastrum capricornutum
Comments:	Standard Toxicant				

Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	25.20	25.00	25.50	0.26	2.04	3
5		25.20	25.00	25.50	0.26	2.04	3
10		25.20	25.00	25.50	0.26	2.04	3
20		25.20	25.00	25.50	0.26	2.04	3
40		25.20	25.00	25.50	0.26	2.04	3
80		25.20	25.00	25.50	0.26	2.04	3
N Control	pH	7.93	7.70	8.10	0.21	5.75	3
5		7.93	7.70	8.10	0.21	5.75	3
10		7.93	7.70	8.10	0.21	5.75	3
20		7.93	7.70	8.10	0.21	5.75	3
40		7.93	7.80	8.10	0.15	4.93	3
80		7.90	7.80	8.00	0.10	4.00	3
N Control	Hardness mg/l	98.00	98.00	98.00	0.00	0.00	3
5		98.00	98.00	98.00	0.00	0.00	3
10		108.00	108.00	108.00	0.00	0.00	3
20		108.00	108.00	108.00	0.00	0.00	3
40		120.00	120.00	120.00	0.00	0.00	3
80		117.00	117.00	117.00	0.00	0.00	3
N Control	Alkalinity mg/l	65.00	65.00	65.00	0.00	0.00	3
5		66.00	66.00	66.00	0.00	0.00	3
10		60.00	60.00	60.00	0.00	0.00	3
20		57.00	57.00	57.00	0.00	0.00	3
40		61.00	61.00	61.00	0.00	0.00	3
80		60.00	60.00	60.00	0.00	0.00	3
N Control	Coductivity	455.33	443.00	463.00	10.79	0.72	3
5		470.33	460.00	483.00	11.68	0.73	3
10		441.33	432.00	452.00	10.07	0.72	3
20		436.33	425.00	447.00	11.02	0.76	3
40		428.67	417.00	442.00	12.58	0.83	3
80		413.00	407.00	422.00	7.94	0.68	3

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TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC FATHEAD MINNOW SURVIVAL AND GROWTH BIOASSAY

DATE: 8 December 2009

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 38.00 ug/l

IC25 = 51.57 ug/l
IC50 = 83.33 ug/l

ENDPOINT: GROWTH

NOEC = 10.00 ug/l

IC25 = 20.83 ug/l
IC50 = 49.25 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

Larval Fish Growth and Survival Test-7 Day Survival

Start Date:	12/8/2009	Test ID:	FHD120809	Sample ID:	REF-Ref Toxicant
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	Standard Toxicant				

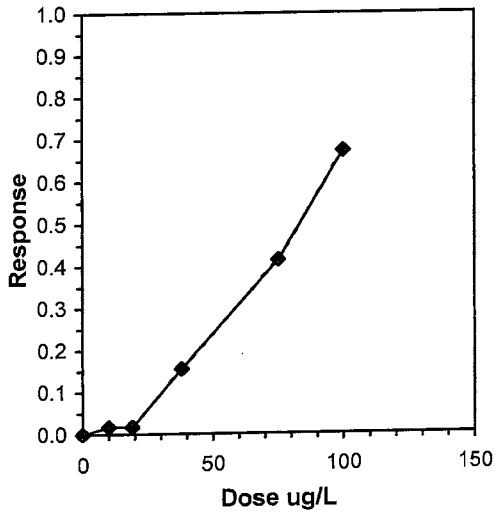
Conc-ug/L	1	2	3	4
N Control	0.9333	0.9333	1.0000	1.0000
10	0.9333	1.0000	1.0000	0.8667
19	1.0000	0.9333	0.8667	1.0000
38	0.9333	0.6000	1.0000	0.7333
75	0.6000	0.7333	0.4667	0.4667
100	0.4667	0.2000	0.2667	0.3333

			Transform: Arcsin Square Root					1-Tailed			Isotonic	
Conc-ug/L	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	0.9667	1.0000	1.3755	1.3096	1.4413	5.528	4				0.9667	1.0000
10	0.9500	0.9828	1.3473	1.1970	1.4413	8.750	4	0.270	2.410	0.2514	0.9500	0.9828
19	0.9500	0.9828	1.3473	1.1970	1.4413	8.750	4	0.270	2.410	0.2514	0.9500	0.9828
38	0.8167	0.8448	1.1663	0.8861	1.4413	21.792	4	2.005	2.410	0.2514	0.8167	0.8448
*75	0.5667	0.5862	0.8546	0.7520	1.0282	15.428	4	4.994	2.410	0.2514	0.5667	0.5862
*100	0.3167	0.3276	0.5935	0.4636	0.7520	20.653	4	7.497	2.410	0.2514	0.3167	0.3276

Auxiliary Tests					Statistic		Critical		Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)					0.97769		0.884		0.00674	-0.2934
Bartlett's Test indicates equal variances (p = 0.47)					4.59476		15.0863			
Hypothesis Test (1-tail, 0.05)	**NOEC**	**LOEC**	**ChV**	**TU**	**MSDu**	**MSDp**	**MSB**	**MSE**	**F-Prob**	**df**
Dunnett's Test	38	75	53.3854		0.14896	0.15479	0.41461	0.02176	1.3E-06	5, 18
Treatments vs N Control										

Linear Interpolation (200 Resamples)

Point	ug/L	SD	95% CL(Exp)		Skew
IC05	23.513	7.699	0.000	53.232	0.7560
IC10	30.400	7.103	16.967	56.702	0.7356
IC15	37.288	7.294	20.060	60.303	0.3251
IC20	44.413	7.723	21.483	65.171	0.0120
IC25	51.567	8.217	23.596	73.164	-0.3634
IC40	73.027	6.092	54.257	87.705	-0.4569
IC50	83.333	4.437	67.176	95.011	-0.2642

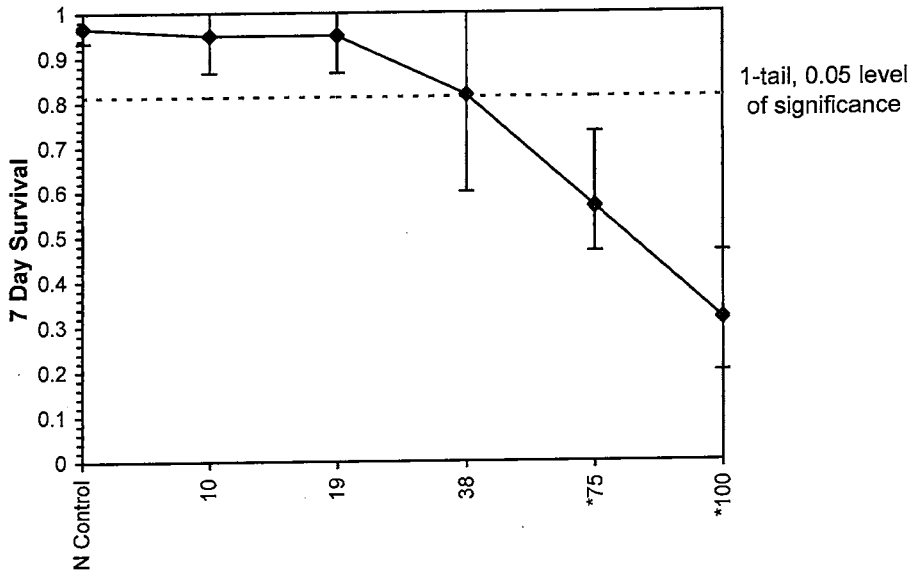


Reviewed by: CM

Larval Fish Growth and Survival Test-7 Day Survival

Start Date:	12/8/2009	Test ID:	FHD120809	Sample ID:	REF-Ref Toxicant
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	Standard Toxicant				

Dose-Response Plot



Reviewed by:

Larval Fish Growth and Survival Test-7 Day Biomass

Start Date:	12/8/2009	Test ID:	FHD120809	Sample ID:	REF-Ref Toxicant
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	Standard Toxicant				

Conc-ug/L	1	2	3	4
N Control	0.2693	0.2527	0.2507	0.3040
10	0.2433	0.2180	0.2580	0.1620
19	0.1993	0.2387	0.1853	0.2027
38	0.1147	0.1113	0.2613	0.1467
75	0.0640	0.0933	0.0873	0.0747
100	0.0380	0.0253	0.0293	0.0340

			Transform: Untransformed					1-Tailed			Isotonic	
Conc-ug/L	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	0.2692	1.0000	0.2692	0.2507	0.3040	9.170	4				0.2692	1.0000
10	0.2203	0.8186	0.2203	0.1620	0.2580	19.177	4	1.883	2.410	0.0625	0.2203	0.8186
*19	0.2065	0.7672	0.2065	0.1853	0.2387	11.003	4	2.417	2.410	0.0625	0.2065	0.7672
*38	0.1585	0.5889	0.1585	0.1113	0.2613	44.405	4	4.268	2.410	0.0625	0.1585	0.5889
*75	0.0798	0.2966	0.0798	0.0640	0.0933	16.426	4	7.302	2.410	0.0625	0.0798	0.2966
*100	0.0317	0.1176	0.0317	0.0253	0.0380	17.403	4	9.160	2.410	0.0625	0.0317	0.1176

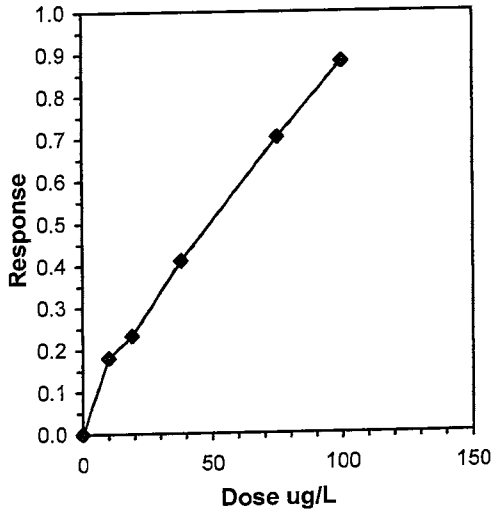
Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates normal distribution (p > 0.01)	0.90706	0.884	1.13581	3.57252
Bartlett's Test indicates unequal variances (p = 6.97E-03)	15.9547	15.0863		

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test	10	19	13.784		0.06249	0.23214	0.03249	0.00134	2.1E-07	5, 18
Treatments vs N Control										

Linear Interpolation (200 Resamples)

Point	ug/L	SD	95% CL(Exp)		Skew
IC05*	2.756	1.774	0.911	11.699	2.8149
IC10*	5.512	2.704	1.822	17.186	1.8685
IC15*	8.268	5.328	2.733	29.484	3.1533
IC20	13.253	7.603	2.306	54.819	1.6874
IC25	20.831	8.946	0.324	56.286	0.8939
IC40	36.813	8.645	19.562	64.194	0.3597
IC50	49.249	9.093	23.202	68.584	-0.2290

* indicates IC estimate less than the lowest concentration

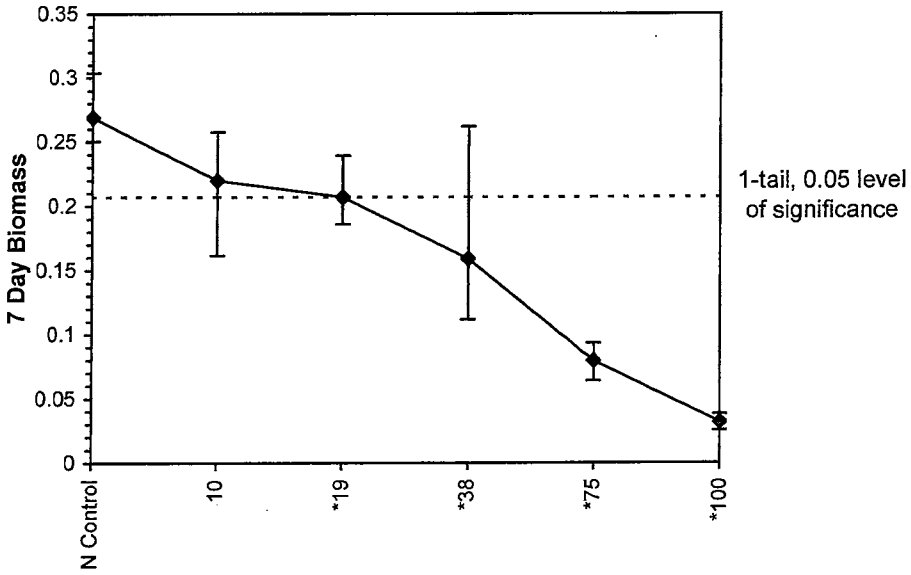


Reviewed by: _____

Larval Fish Growth and Survival Test-7 Day Biomass

Start Date:	12/8/2009	Test ID:	FHD120809	Sample ID:	REF-Ref Toxicant
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	Standard Toxicant				

Dose-Response Plot



ToxCalc v5.0.23

Reviewed by:

Larval Fish Growth and Survival Test-7 Day Biomass

Start Date:	12/8/2009	Test ID:	FHD120809	Sample ID:	REF-Ref Toxicant
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	PP-Pimephales promelas
Comments:	Standard Toxicant				

Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.35	24.00	24.80	0.32	2.31	8
10		24.36	24.00	24.90	0.33	2.37	8
19		24.35	24.00	24.90	0.35	2.42	8
38		24.38	24.00	24.90	0.35	2.44	8
75		24.29	24.00	24.80	0.29	2.20	8
100		24.31	24.00	24.80	0.27	2.14	8
N Control	pH	8.10	7.90	8.30	0.17	5.08	8
10		8.03	7.80	8.30	0.18	5.33	8
19		8.01	7.80	8.30	0.19	5.42	8
38		8.01	7.90	8.30	0.15	4.77	8
75		7.98	7.80	8.30	0.15	4.84	8
100		7.94	7.80	8.30	0.17	5.17	8
N Control	D. O. mg/L	7.28	5.80	7.90	0.73	11.75	8
10		7.21	5.70	7.90	0.81	12.52	8
19		7.24	5.60	7.80	0.85	12.75	8
38		7.24	5.60	7.80	0.85	12.71	8
75		7.24	5.50	7.80	0.86	12.79	8
100		7.24	5.50	7.80	0.86	12.79	8
N Control	Hardness mg/L	95.25	93.00	99.00	3.11	1.85	8
10		0.00	0.00	0.00	0.00		0
19		0.00	0.00	0.00	0.00		0
38		0.00	0.00	0.00	0.00		0
75		0.00	0.00	0.00	0.00		0
100		105.00	105.00	105.00	0.00	0.00	8
N Control	Cond-umhos	353.13	339.00	365.00	8.20	0.81	8
10		347.38	337.00	368.00	9.53	0.89	8
19		346.38	337.00	368.00	9.98	0.91	8
38		342.88	338.00	355.00	5.96	0.71	8
75		342.25	337.00	352.00	5.18	0.66	8
100		343.13	339.00	353.00	4.82	0.64	8
N Control	Alkalinity mg/L	61.00	61.00	61.00	0.00	0.00	8
10		0.00	0.00	0.00	0.00		0
19		0.00	0.00	0.00	0.00		0
38		0.00	0.00	0.00	0.00		0
75		0.00	0.00	0.00	0.00		0
100		60.00	60.00	60.00	0.00	0.00	8

AQUATIC
BIOASSAY &
CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

CHRONIC CERIODAPHNIA SURVIVAL AND REPRODUCTION BIOASSAY

DATE: 8 December - 09

STANDARD TOXICANT: Copper Chloride

ENDPOINT: SURVIVAL

NOEC = 10.00 ug/l

IC25 = 11.67 ug/l
IC50 = 14.44 ug/l

ENDPOINT: REPRODUCTION

NOEC = 3.00 ug/l

IC25 = 9.07 ug/l
IC50 = 13.20 ug/l

Yours very truly,

Thomas (Tim) Mikel
Laboratory Director

29 NORTH OLIVE STREET, VENTURA, CA 93001 • (805) 643-5621

Ceriodaphnia Survival and Reproduction Test-7 Day Survival

Start Date:	12/8/2009	Test ID:	CER120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

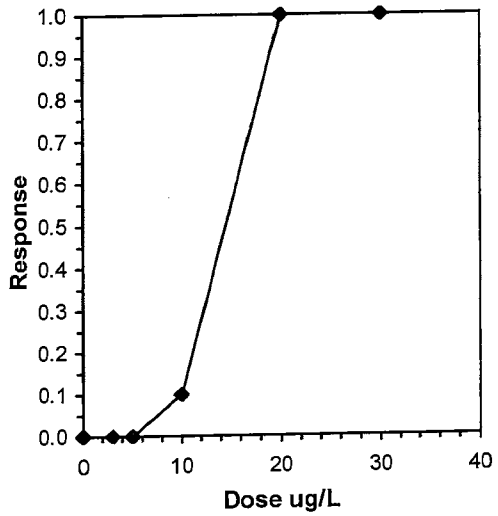
Conc-ug/L	1	2	3	4	5	6	7	8	9	10
N Control	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
3	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
5	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
30	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Conc-ug/L	Mean	N-Mean	Resp	Not Resp	Total	N	Fisher's Exact P	1-Tailed Critical	Isotonic Mean	Isotonic N-Mean
N Control	1.0000	1.0000	0	10	10	10			1.0000	1.0000
3	1.0000	1.0000	0	10	10	10	1.0000	0.0500	1.0000	1.0000
5	1.0000	1.0000	0	10	10	10	1.0000	0.0500	1.0000	1.0000
10	0.9000	0.9000	1	9	10	10	0.5000	0.0500	0.9000	0.9000
20	0.0000	0.0000	10	0	10	10			0.0000	0.0000
30	0.0000	0.0000	10	0	10	10			0.0000	0.0000

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU
Fisher's Exact Test	10	20	14.1421	
Treatments vs N Control				

Linear Interpolation (200 Resamples)

Point	ug/L	SD	95% CL		Skew
IC05	7.500	1.734	5.833	10.500	0.2423
IC10	10.000	1.365	6.667	11.000	-1.2585
IC15	10.556	1.165	7.500	11.500	-1.3320
IC20	11.111	0.987	8.333	12.000	-1.5724
IC25	11.667	0.917	9.167	12.500	-1.5688
IC40	13.333	0.742	11.429	14.000	-1.7366
IC50	14.444	0.618	12.857	15.000	-1.7366



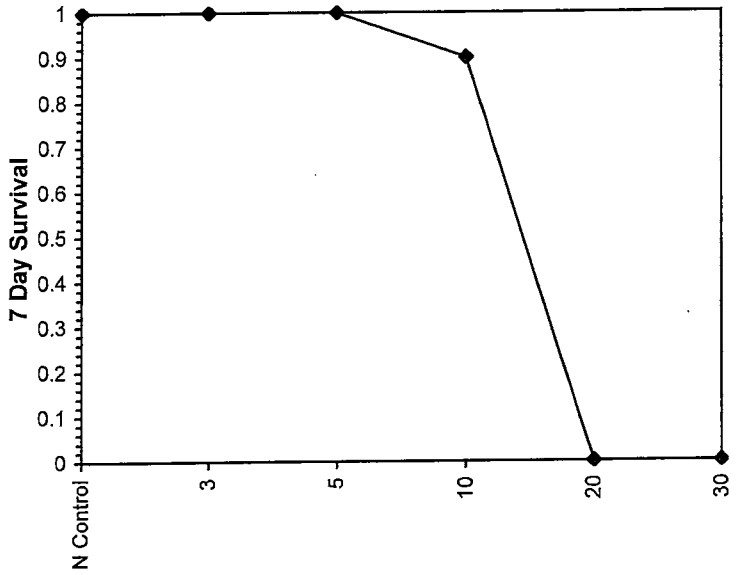
ToxCalc v5.0.23

Reviewed by:

Ceriodaphnia Survival and Reproduction Test-7 Day Survival

Start Date:	12/8/2009	Test ID:	CER120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

Dose-Response Plot



Reviewed by:

Ceriodaphnia Survival and Reproduction Test-Reproduction

Start Date:	12/8/2009	Test ID:	CER120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

Conc-ug/L	1	2	3	4	5	6	7	8	9	10
N Control	26.000	20.000	22.000	28.000	23.000	31.000	29.000	26.000	24.000	28.000
3	29.000	19.000	25.000	24.000	29.000	27.000	21.000	23.000	24.000	27.000
5	20.000	19.000	23.000	24.000	22.000	20.000	22.000	21.000	23.000	24.000
10	4.000	21.000	21.000	23.000	20.000	25.000	20.000	17.000	19.000	17.000
20	4.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

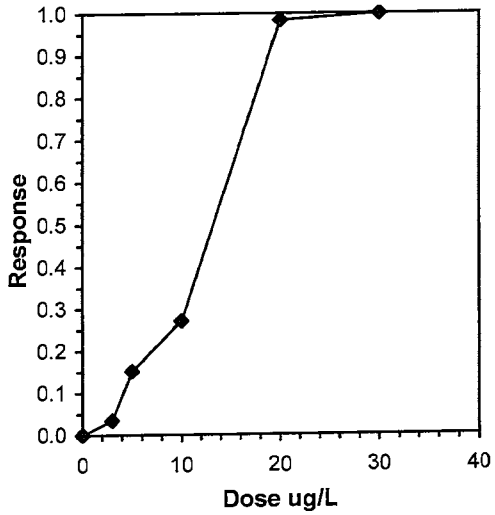
			Transform: Untransformed					1-Tailed			Isotonic	
Conc-ug/L	Mean	N-Mean	Mean	Min	Max	CV%	N	t-Stat	Critical	MSD	Mean	N-Mean
N Control	25.700	1.0000	25.700	20.000	31.000	13.360	10				25.700	1.0000
3	24.800	0.9650	24.800	19.000	29.000	13.279	10	0.581	2.223	3.444	24.800	0.9650
*5	21.800	0.8482	21.800	19.000	24.000	8.033	10	2.518	2.223	3.444	21.800	0.8482
*10	18.700	0.7276	18.700	4.000	25.000	30.569	10	4.519	2.223	3.444	18.700	0.7276
*20	0.400	0.0156	0.400	0.000	4.000	316.228	10	16.334	2.223	3.444	0.400	0.0156
30	0.000	0.0000	0.000	0.000	0.000	0.000	10				0.000	0.0000

Auxiliary Tests	Statistic	Critical	Skew	Kurt
Shapiro-Wilk's Test indicates non-normal distribution (p <= 0.01)	0.88825	0.93	-1.7035	6.93478
Bartlett's Test indicates unequal variances (p = 2.52E-04)	21.4959	13.2767		

Hypothesis Test (1-tail, 0.05)	NOEC	LOEC	ChV	TU	MSDu	MSDp	MSB	MSE	F-Prob	df
Dunnett's Test Treatments vs N Control	3	5	3.87298		3.44374	0.134	1074.57	11.9956	7.8E-21	4, 45

Linear Interpolation (200 Resamples)

Point	ug/L	SD	95% CL		Skew
IC05	3.257	0.865	1.170	4.104	-0.7171
IC10	4.113	0.745	2.340	5.284	0.1835
IC15	4.970	1.364	3.648	10.051	1.7434
IC20	7.000	1.724	4.760	10.648	0.5400
IC25	9.073	1.468	6.243	11.245	-0.5391
IC40	11.792	0.776	10.045	13.034	-0.9766
IC50	13.197	0.656	11.748	14.228	-1.0614

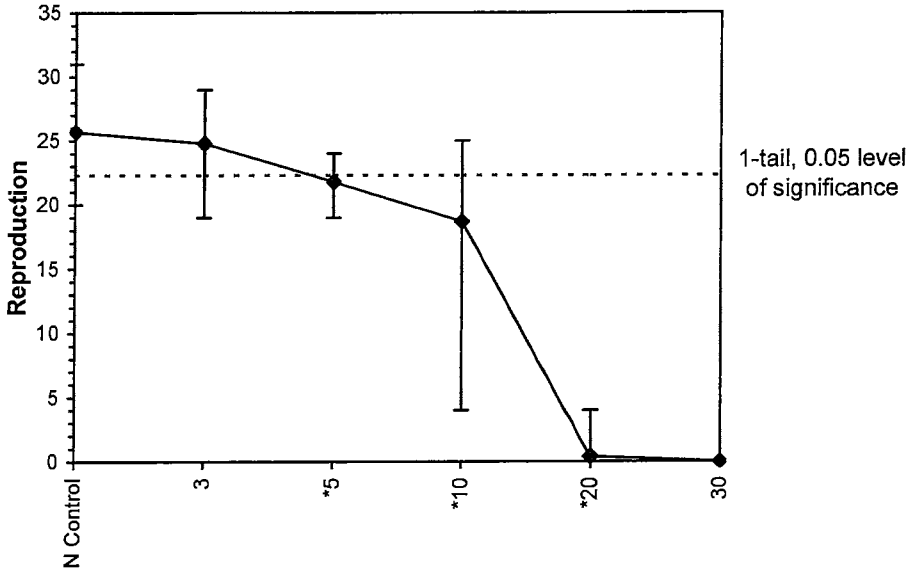


Reviewed by: _____

Ceriodaphnia Survival and Reproduction Test-Reproduction

Start Date:	12/8/2009	Test ID:	CER120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

Dose-Response Plot



Ceriodaphnia Survival and Reproduction Test-Reproduction

Start Date:	12/8/2009	Test ID:	CER120809	Sample ID:	CA0000000
End Date:	12/15/2009	Lab ID:	CAABC	Sample Type:	CUCL-Copper chloride
Sample Date:	12/8/2009	Protocol:	EPA-821-R-02-013	Test Species:	CD-Ceriodaphnia dubia
Comments:	Standard Toxicant				

Auxiliary Data Summary

Conc-ug/L	Parameter	Mean	Min	Max	SD	CV%	N
N Control	Temp C	24.18	24.00	24.60	0.20	1.84	8
3		24.16	24.00	24.70	0.23	2.00	8
5		24.16	24.00	24.70	0.23	2.00	8
10		24.15	24.00	24.70	0.23	2.00	8
20		24.14	24.00	24.70	0.25	2.07	7
30		24.20	24.00	24.40	0.28	2.20	2
N Control	pH	8.14	7.90	8.30	0.18	5.17	8
3		8.04	7.90	8.20	0.09	3.77	8
5		8.00	7.90	8.10	0.08	3.44	8
10		7.95	7.90	8.10	0.08	3.46	8
20		7.93	7.80	8.10	0.10	3.89	7
30		8.10	8.10	8.10	0.00	0.00	2
N Control	DO mg/L	7.31	5.80	7.90	0.72	11.62	8
3		7.28	5.80	7.80	0.70	11.49	8
5		7.23	5.70	7.80	0.69	11.48	8
10		7.23	5.60	7.80	0.71	11.67	8
20		7.17	5.70	7.70	0.72	11.82	7
30		7.80	7.70	7.90	0.14	4.82	2
N Control	Hardness mg/L	95.25	93.00	99.00	3.11	1.85	8
3		0.00	0.00	0.00	0.00		0
5		0.00	0.00	0.00	0.00		0
10		0.00	0.00	0.00	0.00		0
20		0.00	0.00	0.00	0.00		0
30		110.00	110.00	110.00	0.00	0.00	2
N Control	Cond umhos	353.13	339.00	365.00	8.20	0.81	8
3		346.75	337.00	358.00	7.76	0.80	8
5		341.38	332.00	355.00	8.90	0.87	8
10		337.13	331.00	345.00	4.29	0.61	8
20		336.86	335.00	338.00	1.21	0.33	7
30		333.00	332.00	334.00	1.41	0.36	2
N Control	Alkalinity mg/L	61.00	61.00	61.00	0.00	0.00	8
3		0.00	0.00	0.00	0.00		0
5		0.00	0.00	0.00	0.00		0
10		0.00	0.00	0.00	0.00		0
20		0.00	0.00	0.00	0.00		0
30		65.00	65.00	65.00	0.00	0.00	2

AQUATIC BIOASSAY & CONSULTING
LABORATORIES, INC.

TOXICITY TESTING • OCEANOGRAPHIC RESEARCH

BILL TO:

Ventura County Public Works Agency
Engineering Services Division
Attn: Victoria Escoto
800 South Victoria Ave, L#1670
Ventura, CA 93003-1670

ABCL Invoice No.: VCF1291.373
Event No.: 1
Invoice Date: 12/23/2009
Invoice Due Date: 1/22/2010
Report Due Date: 12/25/2009
Tax Payer I.D. No.: 77-0192238
AE No. 10-20
Project No. P6010504

Itemized Billing:

ABCL Lab Number	VCWSPD Sample ID	Analysis	Unit Cost	Sample Quantity	Total Cost
VCF1209.069-071	ME-CC, ME-SCR, ME-VR2	Chronic Kelp	$ 820.00	3	$ 2,460.00
VCF1209.069-071	ME-CC, ME-SCR, ME-VR2	Chronic Urchin	$ 720.00	3	$ 2,160.00
VCF1209.069-071	ME-CC, ME-SCR, ME-VR2	Chronic Topsmelt	$ 900.00	3	$ 2,700.00
VCF1209.069-071	ME-CC, ME-SCR, ME-VR2	Chronic Menidia	$ 500.00	3	$ 1,500.00
VCF1209.072-075	Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1	Fathead Minnow	$ 900.00	4	$ 3,600.00
VCF1209.072-075	Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1	Daphnid	$ 950.00	4	$ 3,800.00
VCF1209.072-075	Camarillo-1, Ojai-1, VC Meiners Oaks-1, Ventura-1	Green Algae	$ 585.00	4	$ 2,340.00

INVOICE TOTAL **$ 18,560.00**

Please send check to:

Aquatic Bioassay
29 North Olive Street
Ventura, Ca. 93001

AUDITOR-CONTROLLER OFFICE INTRANET FORM
VENTURA COUNTY FINANCIAL MANAGEMENT SYSTEM

GENERAL CLAIM

ATE (MMDDYY)	ITEMIZE DEMAND IN DETAIL: Dates, No. Pieces, Miles Traveled, Rates (Hourly, Daily or Monthly), Service Rendered	TOTAL PRICE Dollars	Cents
12/23/09	Toxicity Testing: Chronic kelp 3 @ 820.00	$ 2460.	00
	Chronic urchin 3 @ 720.00	2160.	00
	Chronic Topsmelt 3 @ 900.00	2700.	00
	Chronic menidia 3 @ 500.00	1500.	00
	Fathead Minnow 4 @ 900.00	3600.	00
	Daphnid 4 @ 950.00	3800.	00
	Invoice # VCF1291.373 Green Algae 4 @ 585.00	2340.	00
	AE# 10-20 Project# P60105041		

CLAIMANT or VENDOR

ıe undersigned, under penalty of perjury, states: That e above claim and the items set out therein are true and rrect; that no part thereof has been heretofore paid; and at the amount is justly due, and that claim is made within ıe year after the last item has accrued.

ATE 12/23/09

DEPARTMENTAL APPROVAL

I hereby certify, upon my own personal knowledge, that the goods and/or services specified in the above claim were reasonable, necessary and for the benefit of the County; that no part thereof has been heretofore paid; that the amount therein is justly due, and that payment of the above claim complies with the County policies and procedures.

Name _____ Phone _____

Department

TOTAL	$ 18560.00
Proj Eng.	
Proj Mngr.	
Contr. Tech	

atch ID _____ Document ID _____

ate (MMDDYY) _____ ☐ NEW ☐ MODIFICATION

Document Total _____

Vendor Code _____

AME Aquatic Bioassay & Consulting, Inc.

DDRESS 29 N. Olive St.

TY Ventura STATE C A ZIP 93001

Payment: Partial ☒ Final ☐

LINE	FUND	AGENCY	ORG	SUB ORG	ACTIVITY	FUNCTION	OBJECT	SUB OBJ	PROJECT/JOB	RPT CAT
1										

B S ACCT	ENCUMBRANCE REFERENCE #	LINE	VENDOR INVOICE #	AMOUNT
5 0 0	-			

LINE	FUND	AGENCY	ORG	SUB ORG	ACTIVITY	FUNCTION	OBJECT	SUB OBJ	PROJECT/JOB	RPT CAT
2										

B S ACCT	ENCUMBRANCE REFERENCE #	LINE	VENDOR INVOICE #	AMOUNT

LINE	FUND	AGENCY	ORG	SUB ORG	ACTIVITY	FUNCTION	OBJECT	SUB OBJ	PROJECT/JOB	RPT CAT
3										

B S ACCT	ENCUMBRANCE REFERENCE #	LINE	VENDOR INVOICE #	AMOUNT

LINE	FUND	AGENCY	ORG	SUB ORG	ACTIVITY	FUNCTION	OBJECT	SUB OBJ	PROJECT/JOB	RPT CAT
4										

B S ACCT	ENCUMBRANCE REFERENCE #	LINE	VENDOR INVOICE #	AMOUNT

OF-845 (REV 10/97) GC - 001

Appendix J. Dry-Weather Analytical Monitoring Results

	Site ID	Ojai-1	Ventura-1	Oxnard-1
	At Major Outfall?	Yes	Yes	No
	Location	Fox Barranca	Moon Ditch	El Rio Drain below Ventura Rd.
	Date	06/28/10	06/28/10	06/28/10
	Time	0800	0915	0945
Site Description	**Conveyence Type**	Box culvert	Trapezoidal channel	Box culvert
	Dimensions	N/A	N/A	6' x 12'
	Dominant Land Use	Residential	Commercial & residential	Commercial & residential
	Site Elevation	720	70	60
Weather	**Weather**	Partly cloudy	Overcast	Overcast
	Wind Condtion	Slight breeze	Calm	Calm
	Air Temp. (^{0}F)	66	66	66
Trash	**Trash (general area)**	Moderate	None	Moderate
	Trash (stream banks)	None	None	Light
Observations	**Water Clarity**	Clear	Clear	Clear
	Water Color	Clear	Clear	Other
	Odors	Sulfur	None	None
	Floatables	None	None	None
	Foam	N/A	N/A	N/A
	Stains/ deposits	Leaf litter	Mud film	Sediment, leaf litter
	Structural condition	Concrete channel	Concrete channel	Concrete channel
	Vegetation Condition	N/A	N/A	N/A
	Biology	Moss & algae only	N/A	N/A
	Algae (suspended)	N/A	N/A	N/A
	Algae (substrate)	Brown / 50%	Brown / 5%	Green, brown / 10%
Water Chemistry (Field)	**Dissolved Oxygen (%)**	102.5	75.4	68.4
	Dissolved Oxygen (mg/L)	9.55	6.66	6.58
	Conductivity (µS)	1583	3947	1144
	Specific Conductance (µS)	1812	4283	1349
	Salinity (ppt)	0.9	2.3	0.7
	Water Temp. (^{0}C)	18.5	19.9	17.0
	Water Temp. (^{0}F)	65.3	8.5	62.6
	pH	8.13	8.5	8.04
	Turbidity (NTU)	0.77	3.41	4.14
Water Chemistry (Lab)	**Total Organic Carbon (mg/L)**	3.1	25	16
	Total Hardness as $CaCO_3$ (mg/L)	660	1,200	390
	Total Calcium (mg/L)	140	190	84
	Total Magnesium (mg/L)	76	170	45
	Dissolved Copper (µg/L)	0.80	36	33
	Dissolved Lead (µg/L)	ND	0.45	0.074
	Dissolved Zinc (µg/L)	1.7	9.0	15
	Total Coliform (MPN/100 mL)	29,090	344,800	4,884
	***E. coli* (MPN/100 mL)**	15,531	161	341
Estimated Flow	**Flow Status**	Flowing	Flowing	Flowing
	Water Width (ft.)	4.0	20.0	0.5
	Water Depth (ft.)	0.02	0.01	0.02
	Flow Velocity (ft/s)	1.11	0.50	1.67
	Flow Rate (ft^3/s)	0.09	0.10	0.02
	Comments	Tree limb refuse dumped in channel	Channel recently cleaned by O&M	Samples taken d/s Ventura Rd. Bright blue water color - copper sulfate?

	Site ID	Port Hueneme-1	Camarillo-1	Thousand Oaks-1
	At Major Outfall?	No	Yes	Yes
	Location	Bubbling Springs @ RR xing	Camarillo Hills Drain	Hill Canyon WWTP
	Date	06/28/10	06/28/10	06/28/10
	Time	1015	1100	1215
Site Description	Conveyence Type	Natural channel	Box culvert	Natural channel
	Dimensions	N/A	8' x 20'	N/A
	Dominant Land Use	Commercial & residential	Commercial & residential	Commercial, residential & rural
	Site Elevation	10	100	280
Weather	Weather	Overcast	Overcast	Clear
	Wind Condtion	Calm	Slight breeze	Moderate breeze
	Air Temp. (^{0}F)	64	70	72
Trash	Trash (general area)	Moderate	None	None
	Trash (stream banks)	None	None	None
Observations	Water Clarity	Cloudy	Clear	Clear
	Water Color	Black	Clear	Clear
	Odors	None	None	None
	Floatables	Oily sheen	None	None
	Foam	N/A	N/A	N/A
	Stains/ deposits	N/A	Paint on walls	N/A
	Structural condition	Natural channel	Concrete channel	Rip-rap with natural bottom
	Vegetation Condition	Lawns surrounding channel	N/A	Healthy
	Biology	Many ducks	N/A	Heavy willows
	Algae (suspended)	Green / 15%	N/A	N/A
	Algae (substrate)	N/A	N/A	Green
Water Chemistry (Field)	Dissolved Oxygen (%)	23.6	136.6	100.3
	Dissolved Oxygen (mg/L)	2.17	11.85	9.03
	Conductivity (µS)	2058	1183	1700
	Specific Conductance (µS)	2330	1259	1900
	Salinity (ppt)	1.2	0.6	1.0
	Water Temp. (^{0}C)	18.8	21.8	19.7
	Water Temp. (^{0}F)	65.8	71.2	67.5
	pH	7.66	9.35	8.33
	Turbidity (NTU)	47.90	2.93	1.90
Water Chemistry (Lab)	Total Organic Carbon (mg/L)	5.3	12	2.8
	Total Hardness as $CaCO_3$ (mg/L)	870	370	680
	Total Calcium (mg/L)	220	100	100
	Total Magnesium (mg/L)	76	28	100
	Dissolved Copper (µg/L)	0.73	10	1.0
	Dissolved Lead (µg/L)	ND	0.027	ND
	Dissolved Zinc (µg/L)	2.1	3.4	2.5
	Total Coliform (MPN/100 mL)	6,750	129,970	9,804
	E. coli (MPN/100 mL)	3,076	3,873	161
Estimated Flow	Flow Status	Flowing	Flowing	Flowing
	Water Width (ft.)	12.0	1.0	12.0
	Water Depth (ft.)	0.50	0.01	1.00
	Flow Velocity (ft/s)	0.14	1.67	0.10
	Flow Rate (ft^3/s)	0.84	0.02	1.20
	Comments	Sampled upstream MO location	Heavy graffiti. Channel recently cleaned by O&M	

	Site ID	Moorpark-1	Simi Valley-1	Fillmore-1
	At Major Outfall?	Yes	Yes	Yes
	Location	Gabbert Drain	Bus Canyon Drain	North Fillmore Drain
	Date	06/28/10	06/28/10	06/28/10
	Time	1300	1345	1445
Site Description	**Conveyence Type**	Box culvert	Box culvert	Box culvert
	Dimensions	5' x 12'	7' x 15'	N/A
	Dominant Land Use	Commercial & residential	Commercial & residential	Residential
	Site Elevation	460	760	430
Weather	**Weather**	Clear	Clear	Clear
	Wind Condtion	Calm	Calm	Slight breeze
	Air Temp. (^{0}F)	82	84	86
Trash	**Trash (general area)**	None	High	None
	Trash (stream banks)	None	Light	None
Observations	**Water Clarity**	Clear	Clear	Clear
	Water Color	Clear	Clear	Clear
	Odors	None	None	None
	Floatables	None	None	None
	Foam	N/A	N/A	N/A
	Stains/ deposits	Mud film	Moss, algae	N/A
	Structural condition	Concrete channel	Concrete channel	Natural channel below flap gate
	Vegetation Condition	N/A	N/A	Many cattails
	Biology	N/A	N/A	Heavy cattails
	Algae (suspended)	N/A	N/A	N/A
	Algae (substrate)	N/A	Green	N/A
Water Chemistry (Field)	**Dissolved Oxygen (%)**	145.0	106.6	44.4
	Dissolved Oxygen (mg/L)	10.30	8.90	4.00
	Conductivity (µS)	3200	2600	1300
	Specific Conductance (µS)	2900	2700	1400
	Salinity (ppt)	1.2	1.4	0.7
	Water Temp. (^{0}C)	33.4	24.3	20.6
	Water Temp. (^{0}F)	92.1	75.7	69.1
	pH	9.04	7.84	7.92
	Turbidity (NTU)	17.23	1.19	2.54
Water Chemistry (Lab)	**Total Organic Carbon (mg/L)**	71	2.5	3.6
	Total Hardness as $CaCO_3$ (mg/L)	310	1,100	590
	Total Calcium (mg/L)	65	270	160
	Total Magnesium (mg/L)	36	100	48
	Dissolved Copper (µg/L)	9.4	2.0	6.10
	Dissolved Lead (µg/L)	0.23	ND	ND
	Dissolved Zinc (µg/L)	12	2.0	4.9
	Total Coliform (MPN/100 mL)	1,989,000	81,640	24,192
	***E. coli* (MPN/100 mL)**	ND	52	644
Estimated Flow	**Flow Status**	Flowing	Flowing	Ponded
	Water Width (ft.)		9.0	
	Water Depth (ft.)		0.17	
	Flow Velocity (ft/s)		1.43	
	Flow Rate (ft^3/s)	<.01	2.15	
	Comments	Channel recently cleaned by O&M	Groundwater extraction wells discharging u/s	Samples taken just d/s flap gates

	Site ID	Santa Paula-1	Oak Park-1
	At Major Outfall?	No	No
	Location	Fagan Canyon 100 yds. d/s Harvard Blvd.	MCW-12 Medea Creek @ Tamarind
	Date	06/28/10	08/24/10
	Time	1530	0915
Site Description	**Conveyence Type**	Box culvert	Natural channel
	Dimensions	20' x 65'	N/A
	Dominant Land Use	Commercial & residential	Residential & rural
	Site Elevation	250	1000
Weather	**Weather**	Clear	Clear
	Wind Condtion	Moderate breeze	Slight breeze
	Air Temp. (^{0}F)	75	82
Trash	**Trash (general area)**	High	Light
	Trash (stream banks)	None	Light
Observations	**Water Clarity**	Clear	Clear
	Water Color	Clear	Clear
	Odors	None	None
	Floatables	None	None
	Foam	N/A	N/A
	Stains/ deposits	Moss, mud, leaf litter	White deposit at waterline
	Structural condition	Concrete channel	Rip-rap with natural bottom
	Vegetation Condition	N/A	Minimal veg. area maintained
	Biology	N/A	Some macrophytes, mostly algae
	Algae (suspended)	N/A	Brown 5%
	Algae (substrate)	Green, brown	Green 10%, brown 85%
Water Chemistry (Field)	**Dissolved Oxygen (%)**	94.7	107.0
	Dissolved Oxygen (mg/L)	8.32	10.55
	Conductivity (µS)	944	2415
	Specific Conductance (µS)	1010	2631
	Salinity (ppt)	0.5	1.4
	Water Temp. (^{0}C)	21.5	20.7
	Water Temp. (^{0}F)	70.7	69.3
	pH	9.51	7.89
	Turbidity (NTU)	1.48	1.03
Water Chemistry (Lab)	**Total Organic Carbon (mg/L)**	3.3	4.5
	Total Hardness as $CaCO_3$ (mg/L)	330	1,700
	Total Calcium (mg/L)	80	280
	Total Magnesium (mg/L)	32	250
	Dissolved Copper (µg/L)	0.90	0.60
	Dissolved Lead (µg/L)	ND	ND
	Dissolved Zinc (µg/L)	2.6	ND
	Total Coliform (MPN/100 mL)	12,033	129,970
	***E. coli* (MPN/100 mL)**	712	62
Estimated Flow	**Flow Status**	Flowing	Flowing
	Water Width (ft.)	6.0	7.0
	Water Depth (ft.)	0.02	0.01
	Flow Velocity (ft/s)	0.83	0.25
	Flow Rate (ft^3/s)	0.10	0.20
	Comments	Samples taken 100 yds. d/s Harvard Blvd. on Fagan Canyon	Dog ran through the water at sampling location before samples were taken