

Appendix C

Contamination and Dissolved Oxygen Data

Total Measured PAH Concentrations ($\mu\text{g/L}$).....	C.1
Total Measured Dissolved Oxygen Concentrations (mg/L).....	C.6

Table C1 – Total Measured PAH Concentrations (ppb)

MLS #	Port	Elevation (ft)	March-98	June-98	Jan-99	June-99	July-99	Dec-99	Max Decrease	Max Increase
1	Blue	1428.60	22.1		0.0			0.0	22.1	0.0
1	Green	1427.60	55.9		0.0			0.0	55.9	0.0
1	Orange	1426.60	41.7		0.0	0.0		0.0	41.7	0.0
1	Purple	1425.60	12.0		0.0	8.6		4.9	7.0	0.0
1	Red	1424.60	35.0		0.0	0.7		0.0	35.0	0.0
1	Yellow	1423.60	10.0		14.5	5.7		0.0	10.0	0.0
1	Clear	1422.60			19.1	2.3		0.0	19.1	0.0
2	Blue	1429.17			0.0		0.0		0.0	0.0
2	Green	1427.30			75.6		3.3	0.0	75.6	0.0
2	Orange	1426.30			73.7		0.0	132.4	73.7	132.4
2	Purple	1425.30			1163.0		6.9	281.5	1156.1	274.6
2	Red	1424.30			2089.4	102.7	148.0	760.7	1986.8	658.0
2	Yellow	1423.30				345.9	977.8	1440.5	0.0	1094.6
2	Clear	1423.17				862.3			NA	NA
3	Blue	1428.13		114.0	0.0				114.0	0.0
3	Green	1427.13	413.8	11.1	0.0		0.0	0.0	402.7	0.0
3	Orange	1426.13		141.4	8.7		0.0	0.0	141.4	0.0
3	Purple	1425.13	2375.0	91.2	0.0		0.0	0.0	2375.0	0.0
3	Red	1424.13		1623.7	1078.5	1300.0	158.5	34.3	1589.4	0.0
3	Yellow	1423.13	3874.5	1391.4	959.3	3530.5	120.2	141.6	3388.9	2571.2
3	Clear	1422.13		1950.0	1491.9	1650.4		1010.3	640.1	158.5
3	Ylw/Cl				1905.5				NA	NA

MLS #	Port	Elevation (ft)	March-98	June-98	Jan-99	June-99	July-99	Dec-99	Max Decrease	Max Increase
4	Green	1428.10		1043.5	0.0				1043.5	
4	Orange	1427.10	75.2	474.4	13.4		0.0	0.0	461.0	399.2
4	Purple	1426.10		1952.5	604.8	939.8	135.6	4.6	1347.7	335.0
4	Red	1425.10	1396.3	738.4	1235.4	877.7	747.1	416.6	818.8	497.0
4	Yellow	1424.10	3877.6	132.6	607.2	261.3	328.3	130.8	3745.0	474.6
4	Clear	1423.10	942.0	200.8		124.6	363.1	482.8	817.4	358.3
5	Green/Or	1426.64			0.0				0.0	0.0
5	Purple	1425.57			0.0	0.0		0.0	0.0	0.0
5	Red	1424.57				0.0		0.0	0.0	0.0
5	Clear	1422.57			0.0	0.0		0.0	0.0	0.0
6	Green	1425.87			57.0				NA	NA
6	Orange	1424.87							NA	NA
6	Purple	1423.87							NA	NA
6	Red	1422.87				243.2	1720.5		0.0	1477.2
7	Green	1425.21	9180.0	26.7	6825.7				9153.3	6799.0
7	Orange	1424.21	13471.8	13405.2	13912.7		10418.2	903.7	13009.0	507.5
7	Purple	1423.21	41.3	14890.5	18525.2	16203.6	17761.6	11050.9	7474.3	14849.2
7	Red	1422.21	12309.5	14461.3	15657.8	12314.2	16939.6	0.0	16939.6	4625.4
8	Green	1423.59	5737.5		0.0			0.0	5737.5	0.0
8	Orange	1422.59	5458.0		20.6	0.0	28.2	0.0	5458.0	0.0
8	Purple	1421.59	3979.6		593.3	19.1	62.8	766.8	3960.5	703.9
8	Red	1420.59	4254.4		2542.3	1037.2	4.1	1150.7	4250.3	1146.6
8	Yellow	1419.59	1049.5		37.0	31.3	4.1	0.0	1049.5	

MLS #	Port	Elevation (ft)	March-98	June-98	Jan-99	June-99	July-99	Dec-99	Max Decrease	Max Increase
8	Clear	1418.59	110.5		260.7		9.9	120.8	250.8	150.2
9	Purple	1424.74	33.8						NA	NA
9	Red	1423.74						0.0	NA	NA
9	Yellow	1422.74	116.1		15.1	0.0	22.1	0.0	116.1	22.1
10	Orange	1423.01	16.5		0.0		0.0	0.0	16.5	0.0
10	Purple	1422.01	25.6		0.0	0.0		0.0	25.6	0.0
10	Red	1421.01	21.9		33.7		10.8	22.6	22.9	11.8
10	Yellow	1420.01			0.0	0.0	0.0	0.0	0.0	0.0
11	Orange	1422.61	114.0		113.3		130.5	86.5	43.9	17.1
11	Purple	1421.61	4014.1		10436.1	4458.7	428.2	433.1	10003.0	6422.0
11	Red	1420.61			3062.0	1594.1	1756.8	1253.1	1467.9	162.7
11	Yellow	1419.61					47437.4	0.0	47437.4	0.0
11	Clear	1418.61	4214.4			5884.0			0.0	1669.5
12	Green	1424.81		314.5	43.0		142.2		271.5	99.2
12	Orange	1423.81		771.7	125.8		309.8	68.0	645.9	184.0
12	Purple	1422.81	570.5	1079.3	140.5	0.0	183.1	65.9	1079.3	508.8
12	Red	1421.81	2412.2	4299.7	694.7	0.0	95.7	176.5	4299.7	1887.6
12	Yellow	1420.81			3711.0	1245.2	1247.1	2102.2	2465.8	857.0
13	Blue	1425.46		317.6	42.5				275.1	0.0
13	Green	1424.46			785.5				NA	NA
13	Orange	1423.46		540.0	453.7		639.9	450.6	189.3	186.3
13	Purple	1422.46		538.2	174.0	1315.1	1910.2	266.7	1643.5	1736.2
13	Red	1421.46				243.9	58.5	189.5	185.4	131.0
13	Clear	1419.46				43.7	119.7	139.8	0.0	96.1

MLS #	Port	Elevation (ft)	March-98	June-98	Jan-99	June-99	July-99	Dec-99	Max Decrease	Max Increase
14	Blue	1428.04		18.0	0.0				18.0	0.0
14	Green	1427.04		108.4	0.0				108.4	0.0
14	Orange	1426.04		273.0	0.0		0.0	0.0	273.0	0.0
14	Purple	1425.04			0.0		0.0	0.0	0.0	0.0
14	Red	1424.04				0.0		0.0	0.0	0.0
14	Yellow	1423.04			5.1	65.2	89.9	175.5	0.0	170.4
14	Clear	1422.04				-2.8		0.0	NA	NA
15										
16	Orange	1424.93	142.6		0.0				142.6	0.0
16	Purple	1423.93			66.8				NA	0.0
16	Red	1422.93				939.7	1190.7	1561.5	0.0	621.8
16	Yellow	1421.93	8590.3		6240.0	4851.7	3835.0	4079.2	4755.3	244.3
16	Clear	1420.93	6332.2			1941.6	2059.8	2350.1	4390.6	408.5
17	Red	1425.70			0.0				NA	NA
17	Yellow	1424.70			0.0		153.1	0.0	153.1	153.1
17	Clear	1423.70					468.3	3702.0	0.0	3233.7
18	Purple	1426.07			15.0		0.0		15.0	0.0
18	Red	1425.07			110.2	140.3	103.2	0.0	140.3	30.1
18	Yellow	1424.07				71.4	217.6	572.6	0.0	501.2
18	Clear	1423.07						728.4	NA	NA
19	Purple	1426.98			368.7				368.7	0.0
19	Red	1425.98			16.9				16.9	0.0
19	Yellow	1424.98			8.9	0.0		0.0	8.9	0.0
19	Clear	1423.98				0.0		0.0	0.0	0.0

MLS #	Port	Elevation (ft)	March-98	June-98	Jan-99	June-99	July-99	Dec-99	Max Decrease	Max Increase
20	Purple	1425.21			34.4		0.0		34.4	0.0
20	Red	1424.21			56.8		0.0		56.8	0.0
20	Yellow	1423.21				0.0	0.0		0.0	0.0
20	Clear	1422.21					0.0		NA	NA
21	Purple						0.0		0.0	0.0
21	Red						0.0	0.0	0.0	0.0
21	Yellow							0.0	0.0	0.0
21	Clear						0.0	0.0	0.0	0.0
22										
23										
24										
25										

Table C2 - Total Measured Dissolved Oxygen Concentrations (mg/L)

MLS #	Code	Elevation (ft)	Mar-98	Jan-99	Jun-99	Jul-99	Dec-99
1	Blue	1428.60	3.7	0.7			6.7
1	Green	1427.60	1.15	0.6			0.9
1	Orange	1426.60	1.2	1.2	0.9		1
1	Purple	1425.60	1.0	0.7	0.7		1.2
1	Red	1424.60	0.7	0	1		0.6
1	Yellow	1423.60	0.9	0.1	0.6		0
1	Clear	1422.60			0.5		
2	Blue	1429.17		0			
2	Green	1428.17		0		3	1.7
2	Orange	1427.17		0		1.9	0.6
2	Purple	1426.17				1.2	0.2
2	Red	1425.17			2.9	0.2	0
2	Yellow	1424.17			0.4	0.5	0.4
2	Clear	1423.17					
3	Blue	1429.13		0.4			
3	Green	1428.13	0.9	0		2.5	1.6
3	Orange	1427.13	0.4	0		0.8	0.8
3	Purple	1426.13	BD			1.8	0.9
3	Red	1425.13	BD		1.6	0.8	0.7
3	Yellow	1424.13	BD		0	0.2	0.5
3	Clear	1423.13	0.2		0.4		0
4	Blue	1429.10					
4	Green	1428.10	2	1.8			
4	Orange	1427.10	0.9	0.8		0.8	0.6
4	Purple	1426.10	0.4	0.1	0.4	0.4	0.4
4	Red	1425.10	0.5	0	0	0	
4	Yellow	1424.10	0.7		0	0.1	
4	Clear	1423.10	0.3		0	0	
5	Blue	1428.57					
5	Green	1427.57		2.6		0.8	
5	Orange	1426.57		1		0	
5	Purple	1425.57		0.7		0.0	0.0
5	Red	1424.57		0.3	0	0	0
5	Yellow	1423.57		0			
5	Clear	1422.57			0		0

MLS #	Code	Elevation (ft)	Mar-98	Jan-99	Jun-99	Jul-99	Dec-99
6	Blue	1426.87					
6	Green	1425.87					
6	Orange	1424.87					
6	Purple	1423.87					
6	Red	1422.87					
6	Yellow	1421.88					
6	Clear	1420.88					
7	Blue	1426.21					
7	Green	1425.21	BD	0			
7	Orange	1424.21	BD	0		0	
7	Purple	1423.21	ND	0	0	0.0	0.0
7	Red	1422.21	BD		0		
7	Yellow	1421.21					
7	Clear	1420.21					
8	Blue	1424.59	10.7				
8	Green	1423.59	BD	0.9			2.5
8	Orange	1422.59	0.2	0		0	0.1
8	Purple	1421.59	BD	0	0	0.0	0.0
8	Red	1420.59	BD	0	0	0	0
8	Yellow	1419.59	0.2		0	0	0
8	Clear	1418.59	BD		0	0	0.3
9	Blue	1427.76					
9	Green	1426.76					
9	Orange	1425.75					
9	Purple	1424.75	6.9				
9	Red	1423.74					
9	Yellow	1422.74					0
9	Clear	1421.73		ND			
10	Blue	1425.01					
10	Green	1424.01	2.3				
10	Orange	1423.01	ND	0			0
10	Purple	1422.01	0.2	0			0.0
10	Red	1421.01	ND	ND			
10	Yellow	1420.01			0	0	
10	Clear	1419.01					

MLS #	Code	Elevation (ft)	Mar-98	Jan-99	Jun-99	Jul-99	Dec-99
11	Blue	1424.61					
11	Green	1423.61					
11	Orange	1422.61	ND	0		0	0.8
11	Purple	1421.61	BD	ND	0	0.0	0.3
11	Red	1420.61		ND	0		
11	Yellow	1419.61					
11	Clear	1418.61	ND				
12	Blue	1425.81					
12	Green	1424.81		0		0	
12	Orange	1423.81	BD	0		0	0
12	Purple	1422.81	BD		0	0.0	0.0
12	Red	1421.81	BD		0	0	0
12	Yellow	1420.81					
12	Clear	1419.81					
13	Blue	1425.46		0.5			
13	Green	1424.46		0		0	0.8
13	Orange	1423.46		0.8		0	0
13	Purple	1422.46		0.1	0		0.2
13	Red	1421.46		0			
13	Yellow	1420.46					
13	Clear	1419.46					
14	Blue	1428.04		1.00			
14	Green	1427.04		2.2		1.7	
14	Orange	1426.04				1.4	1.7
14	Purple	1425.04				1.3	1.8
14	Red	1424.04					
14	Yellow	1423.04		2	0.5		0
14	Clear	1422.04					
15	Blue						
15	Green						
15	Orange						
15	Purple						
15	Red		0.3				
15	Yellow						
15	Clear						

MLS #	Code	Elevation (ft)	Mar-98	Jan-99	Jun-99	Jul-99	Dec-99
16	Blue	1426.93					
16	Green	1425.93					
16	Orange	1424.93	0.7	3.3			
16	Purple	1423.93		0			
16	Red	1422.93					0
16	Yellow	1421.93	ND	ND	0		0
16	Clear	1420.93	ND	ND	0		0
17	Blue	1429.70					
17	Green	1428.70					
17	Orange	1427.70					
17	Purple	1426.70					
17	Red	1425.70		0			
17	Yellow	1424.70		0		0	3.2
17	Clear	1423.70					
18	Blue	1429.07					
18	Green	1428.07					
18	Orange	1427.07					
18	Purple	1426.07		0		0.7	
18	Red	1425.07		ND	0	0.3	2
18	Yellow	1424.07		ND			0.3
18	Clear	1423.07					
19	Blue	1429.98					
19	Green	1428.98					
19	Orange	1427.98					
19	Purple	1426.98					
19	Red	1425.98					
19	Yellow	1424.98			0		2.2
19	Clear	1423.98			0		0.7
20	Blue	1428.21					
20	Green	1427.21					
20	Orange	1426.21					
20	Purple	1425.21				0	
20	Red	1424.21				0	0.8
20	Yellow	1423.21					
20	Clear	1422.21					

MLS #	Code	Elevation (ft)	Mar-98	Jan-99	Jun-99	Jul-99	Dec-99
21	Blue						
21	Green						
21	Orange						
21	Purple					1.7	
21	Red					1.4	5.1
21	Yellow						
21	Clear						
22	Blue		No Data	No Data	No Data	No Data	No Data
23	Blue		No Data	No Data	No Data	No Data	No Data
24	Blue		No Data	No Data	No Data	No Data	No Data
25	Blue		No Data	No Data	No Data	No Data	No Data