

Appendix B
2006-07 Sampling Results- Mass Emissions & Tributary sites

Appendix B. 2006-2007 Sampling Results for Ballona Creek

Mass Emission Monitoring

WEATHER CONDITION					Wet					Dry	
STATION NO.					S01	S01	S01	S01	S01	S01	S01
STATION NAME					Ballona Creek	Ballona Creek	Ballona Creek	Ballona Creek	Ballona Creek	Ballona Creek	Ballona Creek
EVENT CODE					2006-07Event03	2006-07Event05	2006-07Event06	2006-07Event07	2006-07Event08	2006-07Event02	2006-07Event12
DATE					12/09/2006	1/30/2007	02/10/2007	02/19/2007	02/22/2007	11/01/2006	04/02/2007
	Sample Type	EPA Method	PQLc	Units							
Conventional											
Oil and Grease	Grab	EPA413.1	1	mg/L	1.900	-99		-99	1.400	-99	-99
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99	-99		-99	-99	-99	-99
Cyanide	Grab	EPA335.2	0.01	mg/L	-99	0.010		0.005	-99	-99	-99
pH	Comp	SM4500H B	0-14		6.890		7.620	7.870	7.710	8.230	8.170
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	9.230	9.650		8.040	9.010	16.680	16.700
Indicator Bacteria											
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	50,000,000	240,000,000		300,000,000	300,000,000	13,000,000	5,000,000
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	24,000,000	5,000,000		24,000,000	240,000,000	2,400,000	300,000
Ratio Fecal Coliform/Total Coliform					0.480	0.021		0.080	0.800	0.185	0.060
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	170,000,000	17,000,000		160,000,000	28,000,000	1,300,000	500,000
Enterococcus	Grab	SM9230B		MPN/100ml	170,000,000	14,000,000		90,000,000	17,000,000	1,300,000	500,000
General											
Chloride	Comp	EPA300.0	2.00	mg/L	17.300		40.400	79.300	24.100	118.000	215.000
Fluoride	Comp	EPA300.0	0.10	mg/L	0.180		0.278	0.310	0.273	0.510	0.549
Nitrate	Comp	EPA300.0	0.10	mg/L	0.610		-99	-99	-99	6.790	-99
Sulfate	Comp	EPA300.0	0.10	mg/L	19.800		64.700	135.000	34.900	215.000	140.000
Alkalinity	Comp	EPA310.1	4.00	mg/L	110.000		113.300	178.200	89.100	330.000	239.800
Hardness	Comp	EPA130.2	2	mg/L	160.000		180.000	310.000	140.000	512.000	410.000
COD	Comp	EPA410.4	10.00	mg/L	531.000		46.930	92.800	47.020	48.730	-99
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	2.800	-99		-99	-99	-99	-99
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	270.000		488.000	924.000	225.000	1515.000	1410.000
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	152.000		292.000	540,000	130.000	890,000	764,000
Turbidity	Comp	EPA180.1	0.10	NTU	15.700	12.600	3.690	1.670	3.160	1.510	0.540
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	1644.000	330.000	195.000	80.000	193.000	9.000	11.000
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	590.000	108.000	74.000	40.000	19.000	7.000	4.000
MBAS	Comp	EPA425.1	0.05	mg/L	0.192		0.077	0.107	0.109	-99	0.053
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	45.200		9.340	14.400	14.900	3.580	4.140
BOD	Comp	SM5210B	2.00	mg/L	47.600	38.300	23.300	25.100	11.700	3.090	10.300
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99	-99		-99	-99	-99	-99
Nutrients											
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.742		0.745	0.897	0.213	0.154	0.070
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	1.500		1.120	1.430	0.475	0.196	0.960
NH3-N	Comp	EPA350.3	0.10	mg/L	1.900		0.230	0.120	0.530	-99	0.110
Nitrate - N	Comp	SM4110B	0.50	mg/L	0.140		-99	-99	-99	1.530	-99
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.600		-99	-99	-99	0.085	-99
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	15.980		3.000	3.200	5.280	0.620	1.440
Metals											
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	130.000		-99	-99	-99	-99	-99
Total Aluminum	Comp	EPA200.8	100.00	ug/L	4050,000		2170,000	1470,000	6200,000	-99	-99
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	2.570		1.540	2.050	2.380	0.640	0.700
Total Antimony	Comp	EPA200.8	5.00	ug/L	7,700		3.300	3.540	7,070	0.680	0.770
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	1.600		2.570	2.890	1.360	3.270	2.220
Total Arsenic	Comp	EPA200.8	5.00	ug/L	4.240		3.270	3.450	3.280	3.290	2.850
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	86.500		28.700	49.000	38.400	67.200	50.100
Total Barium	Comp	EPA200.8	10.00	ug/L	226.000		92.300	90.900	169.000	70.100	53.400
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99
Total Cadmium	Comp	EPA200.8	1.00	ug/L	1.910		0.460	0.470	0.810	-99	-99
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	3.780		0.980	2.580	1.290	4.220	2.690
Total Chromium	Comp	EPA200.8	5.00	ug/L	18.500		7.010	4.410	12.900	4.400	2.850
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	-99		0.410	0.600	0.410	1.250	0.700
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	0.860	0.410	0.600	0.410	1.250	0.700
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	9.770		9.900	12.800	9.000	4.710	4.540
Total Copper	Comp	EPA200.8	5.00	ug/L	169,000		80,900	51,100	101,000	30,500	19,800
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	1800.000		558.000	970.000	215.000	-99	-99
Total Iron	Comp	EPA200.8	100.00	ug/L	12200.000		4350.000	1920.000	5880.000	-99	129.000
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	6.540		1.470	0.720	0.540	-99	-99
Total Lead	Comp	EPA200.8	5.00	ug/L	871,000		24,600	13,000	50,000	1,390	0.710
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99
Total Mercury	Comp	EPA200.8	1.00	ug/L	0.498		-99	-99	-99	-99	-99
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	7.840		3.120	4.740	3.870	4.920	3.450
Total Nickel	Comp	EPA200.8	5.00	ug/L	23.700		11.100	8.630	17.500	5.490	4.040
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	-99		4.340	3.550	-99	7.690	4.160
Total Selenium	Comp	EPA200.8	5.00	ug/L	1.410		4.570	3.820	-99	8.110	5.530
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99
Total Silver	Comp	EPA200.8	1.00	ug/L	1.200		0.290	-99	0.690	-99	-99
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99		-99	-99	-99	-99	-99
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99		-99	-99	-99	-99	-99
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	33.700		48.200	43.400	15.300	20.300	5.260
Total Zinc	Comp	EPA200.8	50.00	ug/L	784,000		212,000	129,000	389,000	23,200	24,700
Semi-Volatiles Organics (EPA 625)											
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99
2,4-dichlorophenol	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99
2,4-dimethylphenol	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99
4-chloro-3-methylphenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99
Pentachlorophenol	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99
Phenol	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
2,4,6-trichlorophenol	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Ballona Creek

Mass Emission Monitoring

WEATHER CONDITION					Wet					Dry	
STATION NO.					S01	S01	S01	S01	S01	S01	S01
STATION NAME					Ballona	Ballona	Ballona	Ballona	Ballona	Ballona	Ballona
EVENT CODE					Creek	Creek	Creek	Creek	Creek	Creek	Creek
DATE					2006-07Event03	2006-07Event05	2006-07Event06	2006-07Event07	2006-07Event08	2006-07Event02	2006-07Event12
					12/09/2006	1/30/2007	02/10/2007	02/19/2007	02/22/2007	11/01/2006	04/02/2007
	Sample Type	EPA Method	PQLc	Units							
Base/Neutral											
Acenaphthene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Benzidine	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99
1,2 Benzanthracene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99	-99
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
4,6 Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99	-99
Chlorinated Pesticides											
Aldrin	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99
Polychlorinated Biphenyls											
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Ballona Creek

Mass Emission Monitoring

WEATHER CONDITION STATION NO. STATION NAME					Wet					Dry	
					S01 Ballona Creek 2006-07Event03	S01 Ballona Creek 2006-07Event05	S01 Ballona Creek 2006-07Event06	S01 Ballona Creek 2006-07Event07	S01 Ballona Creek 2006-07Event08	S01 Ballona Creek 2006-07Event02	S01 Ballona Creek 2006-07Event12
EVENT CODE					12/09/2006	1/30/2007	02/10/2007	02/19/2007	02/22/2007	11/01/2006	04/02/2007
DATE	Sample Type	EPA Method	PQLc	Units							
Organohosphate Pesticides											
Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99		-99	-99	-99	-99	-99
Diazinon	Comp	EPA507	0.01	ug/L	-99		-99	-99	-99	-99	-99
Prometryn	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99
Atrazine	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99
Simazine	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99
Cyanazine	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99
Malathion	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99
Herbicides											
Glyphosate	Comp	EPA547	25.00	ug/L	-99		-99	-99	-99	-99	-99
2,4-D	Comp	EPA515.3	10.00	ug/L	-99		-99	-99	-99	-99	-99
2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99		-99	-99	-99	-99	-99
Other											
Ammonia	Comp	SM4500-NH3	0.1	mg/L	2.300		0.280	0.150	0.640	-99	0.130
Endrin ketone	Comp	EPA625	0.1	ug/L	-99		-99	-99	-99	-99	-99
Methoxychlor	Comp	EPA608	0.5	ug/L	-99		-99	-99	-99	-99	-99

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedances

Appendix B. 2006-2007 Sampling Results for Malibu Creek

Mass Emission Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet				Dry	
					S02 Malibu Creek 2006-07Event03 12/09/2006	S02 Malibu Creek 2006-07Event05 01/30/2007	S02 Malibu Creek 2006-07Event07 02/19/2007	S02 Malibu Creek 2006-07Event08 02/22/2007	S02 Malibu Creek 2006-07Event02 11/01/2006	S02 Malibu Creek 2006-07Event15 04/09/2007
	Sample Type	EPA Method	PQL	Units						
Conventional										
Oil and Grease	Grab	EPA413.1	1	mg/L	-99	-99	-99	-99	-99	-99
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99	-99	-99	-99	-99	-99
Cyanide	Grab	EPA335.2	0.01	mg/L	-99	-99	-99	-99	-99	-99
pH	Comp	SM4500H B	0-14		7.830		8.080	8.340	8.130	8.020
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	8.530	9.940	9.660	10.100	10.490	10.600
Indicator Bacteria										
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	8,000,000	1,700,000	3,000,000	5,000,000	30,000,000	1,700,000
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	5,000,000	140,000	500,000	500,000	900,000	130,000
Ratio Fecal Coliform/Total Coliform					0.625	0.082	0.167	0.100	0.030	0.076
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	5,000,000	300,000	300,000	16,000,000	230,000	130,000
Enterococcus	Grab	SM9230B		MPN/100ml	5,000,000	170,000	300,000	16,000,000	230,000	(99,000)
General										
Chloride	Comp	EPA300.0	2.00	mg/L	179,000		151,000	117,000	178,000	142,000
Fluoride	Comp	EPA300.0	0.10	mg/L	0.280		0.333	0.322	0.310	0.330
Nitrate	Comp	EPA300.0	0.10	mg/L	18,700		-99	-99	5,180	-99
Sulfate	Comp	EPA300.0	0.10	mg/L	873,000		487,000	430,000	1,085,000	522,000
Alkalinity	Comp	EPA310.1	4.00	mg/L	271,700		218,900	190,300	324,500	232,100
Hardness	Comp	EPA130.2	2.00	mg/L	106,000		700,000	610,000	1,110,000	730,000
COD	Comp	EPA410.4	10.00	mg/L	263,000		56,950	42,240	68,750	8,736
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	-99	-99	-99	-99	-99	-99
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	3090,000		2152,000	1976,000	3320,000	2390,000
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	1848,000		1254,000	1118,000	2,084,000	1336,000
Turbidity	Comp	EPA180.1	0.10	NTU	1,580	1,790	0.720	2,090	0.710	0.620
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	3156,000	11,000	13,000	128,000	5,000	7,000
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	494,000	5,000	5,000	84,000	5,000	6,000
MBAS	Comp	EPA425.1	0.05	mg/L	-99		-99	-99	-99	-99
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	26,200		5,770	6,450	3,520	5,140
BOD	Comp	SM5210B	2.00	mg/L	3,990	2,220	3,290	3,900	3,090	2,150
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99	-99	-99	-99	-99	-99
Nutrients										
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.550		0.600	0.430	0.106	0.370
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	1.060		0.768	0.642	0.119	0.960
NH3-N	Comp	EPA350.3	0.10	mg/L	0.120		0.130	0.110	-99	0.100
Nitrate - N	Comp	SM4110B	0.50	mg/L	4,220		-99	-99	1,170	-99
Nitrite - N	Comp	SM4110B	0.03	mg/L	-99		-99	-99	-99	-99
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	3,880		0.800	1,540	0.480	1,120
Metals										
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99		-99	-99	-99	-99
Total Aluminum	Comp	EPA200.8	100.00	ug/L	20100,000		2480,000	3170,000	-99	-99
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	-99		-99	0.520	-99	-99
Total Antimony	Comp	EPA200.8	5.00	ug/L	0.970		0.550	0.930	-99	-99
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	2,550		1,620	1,690	3,460	1,750
Total Arsenic	Comp	EPA200.8	5.00	ug/L	6,390		1,790	2,640	3,580	2,180
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	37,500		30,700	27,100	48,000	30,000
Total Barium	Comp	EPA200.8	10.00	ug/L	373,000		42,100	60,600	50,800	31,900
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99
Total Beryllium	Comp	EPA200.8	1.00	ug/L	0.530		-99	-99	-99	-99
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	0.680		-99	-99	-99	-99
Total Cadmium	Comp	EPA200.8	1.00	ug/L	14,900		0.280	1,070	-99	-99
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	1,280		-99	-99	4,490	2,420
Total Chromium	Comp	EPA200.8	5.00	ug/L	27,300		1,580	4,870	5,010	2,470
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	-99		-99	-99	-99	-99
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	-99	-99	-99	-99
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	5,660		4,300	3,570	2,230	3,700
Total Copper	Comp	EPA200.8	5.00	ug/L	53,300		17,600	22,500	20,600	21,100
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	-99		25,300	-99	-99	-99
Total Iron	Comp	EPA200.8	100.00	ug/L	21600,000		343,000	2960,000	100,000	159,000
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	-99		-99	-99	-99	-99
Total Lead	Comp	EPA200.8	5.00	ug/L	21,900		0,850	2,880	-99	-99
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99
Total Mercury	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	10,600		7,080	7,800	10,700	6,980
Total Nickel	Comp	EPA200.8	5.00	ug/L	49,700		9,310	15,900	11,600	7,840
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	9,160		5,080	4,780	15,600	4,770
Total Selenium	Comp	EPA200.8	5.00	ug/L	17,400		5,210	5,370	15,900	6,320
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99
Total Silver	Comp	EPA200.8	1.00	ug/L	0,440		-99	-99	-99	-99
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99		-99	-99	-99	-99
Total Thallium	Comp	EPA200.8	5.00	ug/L	0,590		-99	-99	-99	-99
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	-99		11,300	-99	11,500	19,900
Total Zinc	Comp	EPA200.8	50.00	ug/L	146,000		20,500	24,300	23,300	53,800
Semi-Volatiles Organics (EPA 625)										
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99
2,4-dichlorophenol	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99
2,4-dimethylphenol	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99
4-chloro-3-methylphenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99
Pentachlorophenol	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99
Phenol	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
2,4,6-trichlorophenol	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Malibu Creek

Mass Emission Monitoring

WEATHER CONDITION					Wet				Dry	
STATION NO.					S02	S02	S02	S02	S02	S02
STATION NAME					Malibu	Malibu	Malibu	Malibu	Malibu	Malibu
EVENT CODE					Creek	Creek	Creek	Creek	Creek	Creek
DATE					2006-07Event03	2006-07Event05	2006-07Event07	2006-07Event08	2006-07Event02	2006-07Event15
					12/09/2006	01/30/2007	02/19/2007	02/22/2007	11/01/2006	04/09/2007
	Sample Type	EPA Method	PQL	Units						
Base/Neutral										
Acenaphthene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Benidine	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99
1,2 Benzanthracene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
3,4 Benzo(a)fluoranthene	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99		-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
4,6 Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99
Chlorinated Pesticides										
Aldrin	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99
Polychlorinated Biphenyls										
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Malibu Creek

Mass Emission Monitoring

WEATHER CONDITION STATION NO. STATION NAME					Wet				Dry	
EVENT CODE DATE	Sample Type	EPA Method	PQL	Units	S02 Malibu Creek 2006-07Event03 12/09/2006	S02 Malibu Creek 2006-07Event05 01/30/2007	S02 Malibu Creek 2006-07Event07 02/19/2007	S02 Malibu Creek 2006-07Event08 02/22/2007	S02 Malibu Creek 2006-07Event02 11/01/2006	S02 Malibu Creek 2006-07Event15 04/09/2007
Organohosphate Pesticides										
Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99		-99	-99	-99	-99
Diazinon	Comp	EPA507	0.01	ug/L	-99		-99	-99	-99	-99
Prometryn	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99
Atrazine	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99
Simazine	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99
Cyanazine	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99
Malathion	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99
Herbicides										
Glyphosate	Comp	EPA547	25.00	ug/L	-99		-99	-99	-99	-99
2,4-D	Comp	EPA515.3	10.00	ug/L	-99		-99	-99	-99	-99
2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99		-99	-99	-99	-99
Other										
Ammonia	Comp	SM4500-NH3 F	0.1	mg/L	0.150		0.160	0.130	-99	0.120
Endrin ketone	Comp	EPA625	0.1	ug/L	-99		-99	-99	-99	-99
Methoxychlor	Comp	EPA608	0.5	ug/L	-99		-99	-99	-99	-99

Note:

- 1) blank cell indicates sample was not analyze
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedances

WEATHER CONDITION					Wet			Dry	
STATION NO.					S10	S10	S10	S10	S10
STATION NAME					Los Angeles River	Los Angeles River	Los Angeles River	Los Angeles River	Los Angeles River
EVENT CODE					2006-07Event03	2006-07Event07	2006-07Event08	2006-07Event02	2006-07Event15
DATE					12/09/2006	02/19/2007	02/22/2007	11/01/2006	04/09/2007
	Sample Type	EPA Method	PQL	Units					
Conventional									
Oil and Grease	Grab	EPA413.1	1	mg/L	1.100	1.500	-99	-99	-99
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99	-99	-99	-99	-99
Cyanide	Grab	EPA335.2	0.01	mg/L	0.019	0.033	0.047	0.050	0.044
pH	Comp	SM4500H B	0-14		7.400	7.560	7.570	8.000	8.110
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	5.780	8.160	8.430	15.580	17.000
Indicator Bacteria									
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	2,800,000.000	1,700,000.000	50,000.000	8,000.000	3,000.000
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	240,000.000	22,000.000	17,000.000	20,000	2,400.000
Ratio Fecal Coliform/Total Coliform					0.086	0.013	0.340	0.003	0.800
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	170,000.000	90,000.000	1,300.000	110.000	70.000
Enterococcus	Grab	SM9230B		MPN/100ml	170,000.000	90,000.000	1,300.000	40.000	70.000
General									
Chloride	Comp	EPA300.0	2.00	mg/L	56.200	35.000	36.700	106.000	116.000
Fluoride	Comp	EPA300.0	0.10	mg/L	0.310	0.271	0.250	0.470	0.590
Nitrate	Comp	EPA300.0	0.10	mg/L	3.380	-99	-99	19.800	-99
Sulfate	Comp	EPA300.0	0.10	mg/L	63.100	52.500	53.900	169.000	161.000
Alkalinity	Comp	EPA310.1	4.00	mg/L	157.300	71.500	71.500	185.900	199.100
Hardness	Comp	EPA130.2	2.00	mg/L	220.000	140.000	110.000	305.000	310.000
COD	Comp	EPA410.4	10.00	mg/L	578.000	51.220	42.910	64.240	35.606
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	1.800	1.300	-99	-99	-99
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	654.000	406.000	434.000	1180.000	1130.000
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	374.000	224.000	240.000	644.000	640.000
Turbidity	Comp	EPA180.1	0.10	NTU	6.170	1.610	2.840	5.430	1.720
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	2162.000	219.000	113.000	67.000	20.000
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	608.000	56.000	25.000	34.000	18.000
MBAS	Comp	EPA425.1	0.05	mg/L	0.430	0.144	0.108	0.081	0.070
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	51.700	16.900	11.600	8.740	10.700
BOD	Comp	SM5210B	2.00	mg/L	46.400	70.000	17.800	95.400	72.400
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99	-99	-99	-99	-99
Nutrients									
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.911	0.290	0.289	0.253	-99
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	2.000	0.574	0.529	0.475	0.240
NH3-N	Comp	EPA350.3	0.10	mg/L	4.040	-99	-99	2.750	0.560
Nitrate - N	Comp	SM4110B	0.50	mg/L	0.760	-99	-99	4.471	-99
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.400	0.122	0.040	1.449	0.560
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	30.680	4.900	2.320	5.820	3.080
Metals									
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99	-99	-99	-99	-99
Total Aluminum	Comp	EPA200.8	100.00	ug/L	10100.000	5200.000	3240.000	108.000	-99
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	1.590	1.970	1.720	0.880	0.720
Total Antimony	Comp	EPA200.8	5.00	ug/L	6.910	3.370	2.970	0.890	0.760
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	1.530	1.480	1.380	2.890	1.610
Total Arsenic	Comp	EPA200.8	5.00	ug/L	7.990	2.800	2.050	3.160	1.760
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	60.000	29.700	29.300	42.600	38.300
Total Barium	Comp	EPA200.8	10.00	ug/L	544.000	106.000	74.700	43.800	42.100
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99
Total Cadmium	Comp	EPA200.8	1.00	ug/L	5.170	0.940	0.270	-99	-99
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	3.000	1.810	4.570	4.610	2.370
Total Chromium	Comp	EPA200.8	5.00	ug/L	39.600	8.700	16.300	4.740	2.590
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	0.350	-99	-99
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	0.350	-99	-99
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	5.290	9.600	10.700	7.490	6.540
Total Copper	Comp	EPA200.8	5.00	ug/L	424.000	76.900	48.600	20.000	25.800
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	578.000	-99	-99	-99	-99
Total Iron	Comp	EPA200.8	100.00	ug/L	18500.000	3840.000	2770.000	271.000	-99
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	2.420	-99	1.010	0.830	-99
Total Lead	Comp	EPA200.8	5.00	ug/L	240.000	25.900	19.300	3.170	1.930
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99
Total Mercury	Comp	EPA200.8	1.00	ug/L	0.447	-99	-99	-99	-99
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	7.710	5.410	4.780	4.890	4.060
Total Nickel	Comp	EPA200.8	5.00	ug/L	45.600	13.200	9.930	5.730	4.820
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	2.240	-99	-99	6.850	2.300
Total Selenium	Comp	EPA200.8	5.00	ug/L	4.120	1.280	-99	7.160	2.500
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99
Total Silver	Comp	EPA200.8	1.00	ug/L	3.510	0.560	-99	-99	-99
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	74.300	34.300	39.400	26.500	21.300
Total Zinc	Comp	EPA200.8	50.00	ug/L	2590.000	198.000	124.000	40.700	25.600
Semi-Volatiles Organics (EPA 625)									
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99
2,4-dichlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99
2,4-dimethylphenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99
4-chloro-3-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99
Pentachlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99
Phenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
2,4,6-trichlorophenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet			Dry	
					S10 Los Angeles River 2006-07Event03 12/09/2006	S10 Los Angeles River 2006-07Event07 02/19/2007	S10 Los Angeles River 2006-07Event08 02/22/2007	S10 Los Angeles River 2006-07Event02 11/01/2006	S10 Los Angeles River 2006-07Event15 04/09/2007
	Sample Type	EPA Method	PQL	Units					
Base/Neutral									
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Benzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99
1,2 Benzanthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
4,6 Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99
Chlorinated Pesticides									
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99
Polychlorinated Biphenyls									
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedances

Appendix B. 2006-2007 Sampling Results for Coyote Creek

Mass Emission Monitoring

WEATHER CONDITION					Wet				Dry	
STATION NO.					S13	S13	S13	S13	S13	S13
STATION NAME					Coyote Creek	Coyote Creek	Coyote Creek	Coyote Creek	Coyote Creek	Coyote Creek
EVENT CODE					2006-07Event03	2006-07Event06	2006-07Event07	2006-07Event08	2006-07Event02	2006-07Event12
DATE					12/09/2006	02/10/2007	02/19/2007	02/22/2007	11/01/2006	04/02/2007
	Sample Type	EPA Method	PQL	Units						
Conventional										
Oil and Grease	Grab	EPA413.1	1	mg/L	1.400		-99	1.300	-99	-99
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99		-99	-99	-99	-99
Cyanide	Grab	EPA335.2	0.01	mg/L	-99		0.010	0.005	0.010	0.007
pH	Comp	SM4500H B	0-14		7.540	7.680	7.680	7.670	8.110	8.130
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	8.180		8.790	7.880	16.650	14.900
Indicator Bacteria										
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	170,000.000		300,000.000	170,000.000	20,000	5,000.000
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	170,000.000		9,000.000	17,000.000	20,000	1,300.000
Ratio Fecal Coliform/Total Coliform					1.000		0.030	0.100	1.000	0.260
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	170,000.000		14,000.000	30,000.000	20,000	40,000
Enterococcus	Grab	SM9230B		MPN/100ml	110,000.000		14,000.000	24,000.000	20,000	40,000
General										
Chloride	Comp	EPA300.0	2.00	mg/L	85.500	45.400	42.700	52.100	176.000	23.400
Fluoride	Comp	EPA300.0	0.10	mg/L	0.390	0.299	0.289	0.345	0.650	0.967
Nitrate	Comp	EPA300.0	0.10	mg/L	15.400	-99	-99	-99	12.800	-99
Sulfate	Comp	EPA300.0	0.10	mg/L	135.000	76.700	59.200	85.300	292.000	399.000
Alkalinity	Comp	EPA310.1	4.00	mg/L	151.800	133.100	91.300	100.100	258.500	201.300
Hardness	Comp	EPA130.2	2.00	mg/L	250.000	190.000	140.000	180.000	380.000	350.000
COD	Comp	EPA410.4	10.00	mg/L	139.000	58.680	77.550	51.100	58.070	21.059
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	1.500	-99	-99	-99	-99	-99
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	965.000	532.000	472.000	612.000	1820.000	2200.000
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	604.000	310.000	278.000	252.000	1008.000	1264.000
Turbidity	Comp	EPA180.1	0.10	NTU	4.900	1.760	1.560	1.260	2.680	0.410
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	216.000	382.000	75.000	88.000	8.000	6.000
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	54.000	85.000	25.000	33.000	6.000	2.000
MBAS	Comp	EPA425.1	0.05	mg/L	0.264	0.124	0.161	0.121	-99	0.059
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	30.500	11.100	17.900	14.700	4.430	7.850
BOD	Comp	SM5210B	2.00	mg/L	13.700	12.800	29.700	17.900	22.900	19.000
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99	-99	-99	-99	-99	-99
Nutrients										
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.220	0.120	0.169	0.135	-99	-99
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	0.604	1.160	0.353	0.359	-99	0.050
NH3-N	Comp	EPA350.3	0.10	mg/L	0.800	0.220	0.420	0.230	-99	-99
Nitrate - N	Comp	SM4110B	0.50	mg/L	3.480	-99	-99	-99	2.710	-99
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.155	-99	-99	-99	0.216	-99
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	3.280	3.940	2.960	2.380	0.840	1.240
Metals										
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99	-99	-99	-99	-99	-99
Total Aluminum	Comp	EPA200.8	100.00	ug/L	2370.000	1820.000	1530.000	2170.000	-99	-99
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	2.160	1.490	2.230	2.280	0.570	0.770
Total Antimony	Comp	EPA200.8	5.00	ug/L	3.500	2.850	3.440	3.720	0.690	0.810
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	2.930	3.010	2.220	1.880	3.860	3.510
Total Arsenic	Comp	EPA200.8	5.00	ug/L	4.120	6.980	3.380	2.620	4.040	4.320
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	47.000	28.100	30.600	32.500	61.700	40.900
Total Barium	Comp	EPA200.8	10.00	ug/L	121.000	132.000	63.800	68.000	67.400	43.700
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Total Cadmium	Comp	EPA200.8	1.00	ug/L	0.690	0.610	0.250	-99	-99	-99
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	2.560	1.790	3.070	1.700	5.500	3.660
Total Chromium	Comp	EPA200.8	5.00	ug/L	7.490	11.500	5.750	5.080	5.810	3.720
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	0.310	1.060	1.600	0.880	0.300	-99
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	0.310	1.060	1.600	0.880	0.300	-99
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	11.500	7.950	13.300	11.000	4.200	7.080
Total Copper	Comp	EPA200.8	5.00	ug/L	66.600	73.200	50.300	45.500	28.300	28.700
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	71.000	272.000	-99	-99	-99	-99
Total Iron	Comp	EPA200.8	100.00	ug/L	3830.000	5490.000	1040.000	1900.000	184.000	-99
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	0.620	1.100	-99	-99	-99	-99
Total Lead	Comp	EPA200.8	5.00	ug/L	19.000	21.400	10.300	10.400	0.830	0.810
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Total Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	7.650	3.940	4.950	5.060	4.290	4.010
Total Nickel	Comp	EPA200.8	5.00	ug/L	16.200	13.700	8.720	9.460	6.520	4.640
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	1.540	4.020	1.300	1.310	8.160	5.130
Total Selenium	Comp	EPA200.8	5.00	ug/L	1.950	4.290	1.650	1.580	8.590	5.570
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Total Silver	Comp	EPA200.8	1.00	ug/L	0.300	-99	-99	-99	-99	-99
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	71.700	27.800	39.600	31.900	9.210	12.100
Total Zinc	Comp	EPA200.8	50.00	ug/L	208.000	216.000	123.000	120.000	15.900	33.500
Semi-Volatiles Organics (EPA 625)										
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-dichlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-dimethylphenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
4-chloro-3-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
Pentachlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
Phenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
2,4,6-trichlorophenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Coyote Creek

Mass Emission Monitoring

WEATHER CONDITION					Wet				Dry	
STATION NO.					S13	S13	S13	S13	S13	S13
STATION NAME					Coyote Creek	Coyote Creek	Coyote Creek	Coyote Creek	Coyote Creek	Coyote Creek
EVENT CODE					2006-07Event03	2006-07Event06	2006-07Event07	2006-07Event08	2006-07Event02	2006-07Event12
DATE					12/09/2006	02/10/2007	02/19/2007	02/22/2007	11/01/2006	04/02/2007
	Sample Type	EPA Method	PQL	Units						
Base/Neutral										
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Benzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
1,2 Benzanthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
4,6 Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99
Chlorinated Pesticides										
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Polychlorinated Biphenyls										
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Coyote Creek

Mass Emission Monitoring

WEATHER CONDITION					Wet				Dry	
STATION NO.					S13	S13	S13	S13	S13	S13
STATION NAME					Coyote	Coyote	Coyote	Coyote	Coyote	Coyote
EVENT CODE					Creek	Creek	Creek	Creek	Creek	Creek
DATE					2006-07Event03	2006-07Event06	2006-07Event07	2006-07Event08	2006-07Event02	2006-07Event12
					12/09/2006	02/10/2007	02/19/2007	02/22/2007	11/01/2006	04/02/2007
	Sample Type	EPA Method	PQL	Units						
Organohosphate Pesticides										
Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99	-99	-99	-99	-99	-99
Diazinon	Comp	EPA507	0.01	ug/L	-99	-99	-99	-99	-99	0.147
Prometryn	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Atrazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Simazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Cyanazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Malathion	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Herbicides										
Glyphosate	Comp	EPA547	25.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-D	Comp	EPA515.3	10.00	ug/L	-99	-99	-99	-99	-99	-99
2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99	-99	-99	-99	-99	-99
Other										
Ammonia	Comp	SM4500-NH3 F	0.1	mg/L	0.970	0.270	0.510	0.280	0.100	0.110
Endrin ketone	Comp	EPA625	0.1	ug/L	-99	-99	-99	-99	-99	-99
Methoxychlor	Comp	EPA608	0.5	ug/L	-99	-99	-99	-99	-99	-99

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedances

WEATHER CONDITION					Wet				Dry	
STATION NO.					S14	S14	S14	S14	S14	S14
STATION NAME					San Gabriel River	San Gabriel River	San Gabriel River	San Gabriel River	San Gabriel River	San Gabriel River
EVENT CODE					2006-07Event03	2006-07Event06	2006-07Event07	2006-07Event08	2006-07Event02	2006-07Event12
DATE					12/09/2006	02/10/2007	02/19/2007	02/22/2007	11/01/2006	04/02/2007
	Sample Type	EPA Method	PQL	Units						
Conventional										
Oil and Grease	Grab	EPA413.1	1	mg/L	-99		1.000	-99	-99	-99
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99		-99	-99	-99	-99
Cyanide	Grab	EPA335.2	0.01	mg/L	0.009		0.027	-99	-99	0.020
pH	Comp	SM4500H B	0-14		7.340	7.380	7.810	7.830	8.050	7.860
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	8.480		9.090	8.810	9.640	9.300
Indicator Bacteria										
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	240,000.000		160,000.000	30,000.000	17,000.000	9,000.000
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	14,000.000		1,300.000	2,200.000	2,100.000	230.000
Ratio Fecal Coliform/Total Coliform					0.058		0.008	0.073	0.124	0.026
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	11,000.000		1,100.000	800.000	230.000	170.000
Enterococcus	Grab	SM9230B		MPN/100ml	11,000.000		1,100.000	800.000	230.000	170.000
General										
Chloride	Comp	EPA300.0	2.00	mg/L	86.600	51.900	93.300	50.000	101.000	92.500
Fluoride	Comp	EPA300.0	0.10	mg/L	0.210	0.227	0.288	0.256	0.260	0.233
Nitrate	Comp	EPA300.0	0.10	mg/L	10.900	-99	-99	-99	3.930	-99
Sulfate	Comp	EPA300.0	0.10	mg/L	91.900	60.400	116.000	50.400	174.000	109.000
Alkalinity	Comp	EPA310.1	4.00	mg/L	111.100	69.300	117.700	111.100	171.600	113.300
Hardness	Comp	EPA130.2	2.00	mg/L	210.000	150.000	200.000	180.000	310.000	220.000
COD	Comp	EPA410.4	10.00	mg/L	189.000	104.980	55.730	41.730	38.780	51.827
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	-99		-99	-99	-99	-99
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	828.000	562.000	872.000	792.000	1090.000	892.000
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	498.000	308.000	488.000	414.000	618.000	476.000
Turbidity	Comp	EPA180.1	0.10	NTU	5.930	12.800	0.930	1.680	2.450	0.620
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	264.000	6.000	21.000	29.000	291.000	9.000
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	52.000	2.000	6.000	2.000	54.000	7.000
MBAS	Comp	EPA425.1	0.05	mg/L	0.187	-99	0.076	0.060	-99	-99
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	34.900	8.380	8.880	6.450	2.930	3.920
BOD	Comp	SM5210B	2.00	mg/L	21.400	20.600	80.800	11.700	8.990	4.560
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99		-99	-99	-99	-99
Nutrients										
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.135	0.189	0.123	0.092	-99	-99
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	0.513	0.826	0.176	0.138	0.770	0.110
NH3-N	Comp	EPA350.3	0.10	mg/L	1.240	0.560	-99	-99	0.170	0.240
Nitrate - N	Comp	SM4110B	0.50	mg/L	2.460	-99	-99	-99	0.887	-99
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.190	0.133	0.111	0.050	-99	-99
Kjeidahl-N	Comp	EPA351.4	0.10	mg/L	3.840	2.460	1.700	1.040	2.460	1.100
Metals										
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99	-99	-99	-99	-99	-99
Total Aluminum	Comp	EPA200.8	100.00	ug/L	3450.000	2430.000	920.000	1110.000	296.000	121.000
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	1.120	0.970	0.810	0.840	-99	-99
Total Antimony	Comp	EPA200.8	5.00	ug/L	1.900	1.490	1.140	1.060	-99	-99
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	1.540	2.120	1.440	1.330	2.710	1.540
Total Arsenic	Comp	EPA200.8	5.00	ug/L	2.720	2.620	1.890	1.550	3.020	1.860
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	44.500	31.200	44.200	46.500	70.100	55.500
Total Barium	Comp	EPA200.8	10.00	ug/L	107.000	65.000	61.800	65.800	74.100	61.000
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Total Cadmium	Comp	EPA200.8	1.00	ug/L	0.440	-99	-99	-99	-99	-99
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	1.550	-99	1.310	1.060	3.840	2.100
Total Chromium	Comp	EPA200.8	5.00	ug/L	7.800	3.930	1.690	2.320	6.890	2.740
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	-99	-99	-99	-99
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	-99	-99	-99	-99
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	6.490	4.720	6.390	4.740	2.890	3.090
Total Copper	Comp	EPA200.8	5.00	ug/L	43.200	32.700	21.100	24.500	32.500	23.800
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	125.000	340.000	-99	-99	-99	-99
Total Iron	Comp	EPA200.8	100.00	ug/L	5130.000	2600.000	696.000	727.000	808.000	153.000
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	1.030	1.170	-99	-99	-99	-99
Total Lead	Comp	EPA200.8	5.00	ug/L	15.300	8.230	3.410	3.070	2.880	1.070
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Total Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	5.850	3.220	6.080	4.100	4.960	3.300
Total Nickel	Comp	EPA200.8	5.00	ug/L	12.600	6.750	8.120	6.330	5.120	4.050
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	2.420	3.560	1.560	1.090	4.720	1.320
Total Selenium	Comp	EPA200.8	5.00	ug/L	3.270	3.760	1.970	1.110	5.220	1.510
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Total Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	35.800	20.600	18.400	9.350	7.620	11.000
Total Zinc	Comp	EPA200.8	50.00	ug/L	138.000	67.200	36.200	26.300	29.800	20.700
Semi-Volatiles Organics (EPA 625)										
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-dichlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-dimethylphenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
4-chloro-3-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
Pentachlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
Phenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
2,4,6-trichlorophenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet				Dry	
					S14	S14	S14	S14	S14	S14
					San Gabriel River 2006-07Event03 12/09/2006	San Gabriel River 2006-07Event06 02/10/2007	San Gabriel River 2006-07Event07 02/19/2007	San Gabriel River 2006-07Event08 02/22/2007	San Gabriel River 2006-07Event02 11/01/2006	San Gabriel River 2006-07Event12 04/02/2007
Sample Type	EPA Method	PQL	Units							
Base/Neutral										
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Benzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
1,2 Benzantracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Bis(2-Ethylhexl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
4,6 Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99
Chlorinated Pesticides										
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99
Polychlorinated Biphenyls										
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet				Dry	
					S14 San Gabriel River 2006-07Event03 12/09/2006	S14 San Gabriel River 2006-07Event06 02/10/2007	S14 San Gabriel River 2006-07Event07 02/19/2007	S14 San Gabriel River 2006-07Event08 02/22/2007	S14 San Gabriel River 2006-07Event02 11/01/2006	S14 San Gabriel River 2006-07Event12 04/02/2007
					Sample Type	EPA Method	PQL	Units		
Organophosphate Pesticides										
Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99	-99	-99	-99	-99	-99
Diazinon	Comp	EPA507	0.01	ug/L	-99	-99	-99	-99	-99	-99
Prometryn	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Atrazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Simazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Cyanazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Malathion	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Herbicides										
Glyphosate	Comp	EPA547	25.00	ug/L	-99	-99	-99	-99	-99	-99
2,4-D	Comp	EPA515.3	10.00	ug/L	-99	-99	-99	-99	-99	-99
2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99	-99	-99	-99	-99	-99
Other										
Ammonia	Comp	SM4500-NH3 F	0.1	mg/L	1.500	0.090	-99	-99	0.210	0.290
Endrin ketone	Comp	EPA625	0.1	ug/L	-99	-99	-99	-99	-99	-99
Methoxychlor	Comp	EPA608	0.5	ug/L	-99	-99	-99	-99	-99	-99

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedances

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet						Dry	
					S28 Dominguez Channel 2006-07Event03 12/09/2006	S28 Dominguez Channel 2006-07Event05 01/30/2007	S28 Dominguez Channel 2006-07Event06 02/10/2007	S28 Dominguez Channel 2006-07Event07 02/19/2007	S28 Dominguez Channel 2006-07Event08 02/22/2007	S28 Dominguez Channel 2006-07Event10 04/20/2007	S28 Dominguez Channel 2006-07Event02 11/01/2006	S28 Dominguez Channel 2006-07Event12 04/02/2007
					Sample Type	EPA Method	PQL	Units				
Conventional												
Oil and Grease	Grab	EPA413.1	1	mg/L	2.800	1.800		2.400	1.500	4.100	-99	1.300
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99	-99		-99	-99	-99	-99	-99
Cyanide	Grab	EPA335.2	0.01	mg/L	-99	0.005		0.008	-99	0.013	-99	-99
pH	Comp	SM4500H B	0-14		6.960		6.960	7.820	7.550	6.840	7.770	8.110
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	8.750	10.260		8.610	8.600	-99	12.120	14.500
Indicator Bacteria												
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	160,000,000	900,000,000		900,000,000	160,000,000	900,000,000	3,000,000	5,000,000
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	5,000,000	240,000,000		14,000,000	90,000,000	900,000,000	110,000	130,000
Ratio Fecal Coliform/Total Coliform					0.031	0.267		0.016	0.563	1.000	0.037	0.026
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	140,000,000	170,000,000		90,000,000	240,000,000	300,000,000	130,000	700,000
Enterococcus	Grab	SM9230B		MPN/100ml	33,000,000	80,000,000		8,000,000	240,000,000	240,000,000	130,000	700,000
General												
Chloride	Comp	EPA300.0	2.00	mg/L	22.600		22.600	96.700	42.200	56.100	83.900	150.000
Fluoride	Comp	EPA300.0	0.10	mg/L	0.230		0.224	0.310	0.200	0.276	0.230	0.359
Nitrate	Comp	EPA300.0	0.10	mg/L	3.390		-99	-99	-99	-99	4.580	-99
Sulfate	Comp	EPA300.0	0.10	mg/L	18.800		14.400	44.000	19.900	33.600	67.100	91.700
Alkalinity	Comp	EPA310.1	4.00	mg/L	56.100		36.300	124.300	68.200	59.400	133.100	174.900
Hardness	Comp	EPA130.2	2.00	mg/L	90.000		55.000	190.000	100.000	120.000	185.000	250.000
COD	Comp	EPA410.4	10.00	mg/L	170.000		46.500	86.180	41.690	133.100	33.140	58.299
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	2.300	1.500		2.800	-99	5.900	-99	-99
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	249,000		210,000	735,000	342,000	402,000	720,000	1025,000
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	150,000		116,000	374,000	188,000	222,000	384,000	512,000
Turbidity	Comp	EPA180.1	0.10	NTU	7.670	20.000	3.050	1.390	2.270	35.400	2.800	0.640
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	669,000	210,000	126,000	129,000	230,000	259,000	142,000	27,000
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	236,000	74,000	52,000	55,000	85,000	86,000	27,000	14,000
MBAS	Comp	EPA425.1	0.05	mg/L	0.520		0.148	0.183	0.123	0.417	-99	0.078
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	48.900		11.900	17.200	10.200	23.400	4.210	5.670
BOD	Comp	SM5210B	2.00	mg/L	38.700	30.300	20.900	21.900	15.200	28.200	4.390	4.260
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99	-99		-99	-99	-99	-99	-99
Nutrients												
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.493		0.270	0.271	0.423	0.130	0.221	0.060
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	0.964		0.547	0.460	0.445	0.570	0.447	0.090
NH3-N	Comp	EPA350.3	0.10	mg/L	1.710		0.330	0.110	0.230	0.780	0.200	0.190
Nitrate - N	Comp	SM4110B	0.50	mg/L	0.770		-99	-99	-99	-99	1.034	-99
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.160		-99	-99	-99	-99	-99	-99
Kjeidahl-N	Comp	EPA351.4	0.10	mg/L	7.800		2.700	3.640	2.020	4.800	1.260	1.500
Metals												
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Total Aluminum	Comp	EPA200.8	100.00	ug/L	3630,000		2070,000	2120,000	3950,000	4690,000	341,000	185,000
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	3.900		2.310	2.680	2.720	3.430	0.720	0.920
Total Antimony	Comp	EPA200.8	5.00	ug/L	11,200		4,250	5,080	6,420	7,790	0.840	1,020
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	2.530		2,630	1,670	1,380	1,580	2,150	1,230
Total Arsenic	Comp	EPA200.8	5.00	ug/L	4,230		3,150	2,400	2,560	3,930	2,390	1,610
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	44,000		21,200	63,300	38,500	35,500	44,000	60,100
Total Barium	Comp	EPA200.8	10.00	ug/L	211,000		76,500	128,000	114,000	161,000	56,000	63,400
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Total Cadmium	Comp	EPA200.8	1.00	ug/L	2,620		0.510	0.500	0.660	2,000	-99	-99
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	2,110		0.970	2,410	0.980	1,690	4,070	2,690
Total Chromium	Comp	EPA200.8	5.00	ug/L	18,900		5,850	5,880	8,460	15,600	4,620	2,780
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	0.460		0.410	0.450	0.580	0.400	0.400	0.330
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	0.460	0.620	0.410	0.450	0.580	0.400	0.400	0.330
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	18,700		18,300	19,500	12,000	10,000	5,480	7,780
Total Copper	Comp	EPA200.8	5.00	ug/L	263,000		84,400	93,500	83,800	189,000	21,200	26,400
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	520,000		277,000	-99	117,000	170,000	-99	-99
Total Iron	Comp	EPA200.8	100.00	ug/L	8630,000		2800,000	2200,000	4870,000	6690,000	781,000	230,000
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	3,230		1,470	-99	0.520	0.730	0.510	-99
Total Lead	Comp	EPA200.8	5.00	ug/L	806,000		18,900	18,800	34,000	64,800	2,270	2,460
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Total Mercury	Comp	EPA200.8	1.00	ug/L	0.177		-99	-99	-99	-99	-99	-99
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	9,590		3,620	4,630	3,590	6,840	2,340	3,060
Total Nickel	Comp	EPA200.8	5.00	ug/L	23,600		8,300	10,000	11,400	19,600	3,610	3,890
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	-99		3,080	1,220	-99	-99	4,610	2,080
Total Selenium	Comp	EPA200.8	5.00	ug/L	1,190		3,150	1,320	-99	-99	5,050	2,230
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Total Silver	Comp	EPA200.8	1.00	ug/L	0.480		-99	-99	-99	0.490	-99	-99
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	144,000		101,000	58,400	46,500	100,000	12,800	27,200
Total Zinc	Comp	EPA200.8	50.00	ug/L	1030,000		263,000	281,000	352,000	1020,000	33,400	56,400
Semi-Volatiles Organics (EPA 625)												
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
2,4-dichloropheno	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
2,4-dimethylpheno	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99	-99
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99	-99
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99	-99
4-chloro-3-methylpheno	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Pentachloropheno	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Phenol	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
2,4,6-trichloropheno	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99

WEATHER CONDITION					Wet						Dry	
STATION NO.	Sample Type	EPA Method	PQL	Units	S28 Dominguez Channel	S28 Dominguez Channel	S28 Dominguez Channel	S28 Dominguez Channel	S28 Dominguez Channel	S28 Dominguez Channel	S28 Dominguez Channel	S28 Dominguez Channel
STATION NAME					2006-07Event03 12/09/2006	2006-07Event05 01/30/2007	2006-07Event06 02/10/2007	2006-07Event07 02/19/2007	2006-07Event08 02/22/2007	2006-07Event10 04/20/2007	2006-07Event02 11/01/2006	2006-07Event12 04/02/2007
EVENT CODE												
DATE												
Base/Neutral												
Acenaphthene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Benidine	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99	-99
1,2 Benzanthracene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
3,4 Benzoofluoranthene	Comp	EPA625	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99	-99	-99
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
4,6 Dinitro-2-methylpheno	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99		-99	-99	-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
Chlorinated Pesticides												
Aldrin	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99		-99	-99	-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Polychlorinated Biphenyls												
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99		-99	-99	-99	-99	-99	-99

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet						Dry	
					S28	S28	S28	S28	S28	S28	S28	S28
					Dominguez Channel	Dominguez Channel	Dominguez Channel	Dominguez Channel	Dominguez Channel	Dominguez Channel	Dominguez Channel	Dominguez Channel
					2006-07Event03 12/09/2006	2006-07Event05 01/30/2007	2006-07Event06 02/10/2007	2006-07Event07 02/19/2007	2006-07Event08 02/22/2007	2006-07Event10 04/20/2007	2006-07Event02 11/01/2006	2006-07Event12 04/02/2007
	Sample Type	EPA Method	PQL	Units								
Organohosphate Pesticides												
Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99		-99	-99	-99	-99	-99	-99
Diazinon	Comp	EPA507	0.01	ug/L	-99		-99	-99	-99	-99	-99	-99
Prometryn	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Atrazine	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Simazine	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Cyanazine	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Malathion	Comp	EPA507	2.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Herbicides												
Glyphosate	Comp	EPA547	25.00	ug/L	-99		-99	-99	-99	-99	-99	-99
2,4-D	Comp	EPA515.3	10.00	ug/L	-99		-99	-99	-99	-99	-99	-99
2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99		-99	-99	-99	-99	-99	-99
Other												
Ammonia	Comp	SM4500-NH3										
		F	0.1	mg/L	2.070		0.400	0.130	0.280	0.940	0.240	0.230
Endrin ketone	Comp	EPA625	0.1	ug/L	-99		-99	-99	-99	-99	-99	-99
Methoxychlor	Comp	EPA608	0.5	ug/L	-99		-99	-99	-99	-99	-99	-99

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedance:

Appendix B. 2006-2007 Sampling Results for Santa Clara River

Mass Emission Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry	
					S29	S29	S29	S29	S29	S29	S29
					Santa Clara River 2006-07Event03 12/09/2006	Santa Clara River 2006-07Event04 12/16/2006	Santa Clara River 2006-07Event05 01/30/2007	Santa Clara River 2006-07Event07 02/19/2007	Santa Clara River 2006-07Event08 02/22/2007	Santa Clara River 2006-07Event02 10/31/2006	Santa Clara River 2006-07Event12 04/02/2007
					Sample Type	EPA Method	PQL	Units			
Conventional											
Oil and Grease	Grab	EPA413.1	1	mg/L	-99	-99	-99	-99	-99	-99	-99
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99	-99	-99	-99	-99	-99	-99
Cyanide	Grab	EPA335.2	0.01	mg/L	-99	-99	-99	-99	-99	-99	-99
pH	Comp	SM4500H B	0-14		7.370	7.630	7.950	7.790	7.530	7.690	7.900
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	7.370	7.360	8.200	7.620	8.130	6.280	7.660
Indicator Bacteria											
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	50,000.000	28,000.000	160,000.000	17,000.000	90,000.000	2,800.000	3,500.000
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	5,000.000	230.000	1,700.000	800.000	5,000.000	130.000	80.000
Ratio Fecal Coliform/Total Coliform					0.100	0.008	0.011	0.047	0.056	0.046	0.023
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	8,000.000	1,700.000	5,000.000	3,000.000	90,000.000	800.000	340.000
Enterococcus	Grab	SM9230B		MPN/100ml	8,000.000	800.000	3,000.000	3,000.000	90,000.000	110.000	340.000
General											
Chloride	Comp	EPA300.0	2.00	mg/L	59.500	118.000	91.000	50.000	26.700	111.000	120.300
Fluoride	Comp	EPA300.0	0.10	mg/L	0.270	0.360	0.380	0.266	0.183	0.410	0.530
Nitrate	Comp	EPA300.0	0.10	mg/L	6.020	7.160	7.200	-99	-99	5.350	-99
Sulfate	Comp	EPA300.0	0.10	mg/L	118.000	163.000	127.000	84.000	42.900	217.000	189.000
Alkalinity	Comp	EPA310.1	4.00	mg/L	140.800	242.000	211.200	132.000	89.100	279.400	267.300
Hardness	Comp	EPA130.2	2.00	mg/L	250.000	370.000	310.000	210.000	160.000	430.000	440.000
COD	Comp	EPA410.4	10.00	mg/L	126.000	66.100	71.180	28.230	23.720	38.600	-99
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	-99	-99	-99	-99	-99	-99	-99
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	777.000	1356.000	1050.000	672.000	392.000	1464.000	1350.000
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	456.000	708.000	610.000	374.000	208.000	802.000	740.000
Turbidity	Comp	EPA180.1	0.10	NTU	20.000	1.090	10.700	7.310	11.900	0.330	0.530
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	538.000	1360.000	135.000	373.000	760.000	2.000	5.000
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	74.000	16.000	16.000	31.000	85.000	2.000	1.000
MBAS	Comp	EPA425.1	0.05	mg/L	0.109	0.067	0.091	-99	-99	-99	-99
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	29.300	22.500	6.330	6.280	5.520	1.610	1.670
BOD	Comp	SM5210B	2.00	mg/L	14.300	6.470	6.810	9.400	8.400	-99	-99
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Nutrients											
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.235	0.265	0.260	0.224	0.209	0.299	0.050
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	0.871	0.365	0.455	0.555	0.379	0.312	0.090
NH3-N	Comp	EPA350.3	0.10	mg/L	0.240	0.090	0.260	-99	-99	-99	-99
Nitrate - N	Comp	SM4110B	0.50	mg/L	1.360	1.620	1.630	-99	-99	1.208	-99
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.076	-99	-99	-99	-99	-99	-99
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	4.760	0.820	1.160	0.980	2.700	0.280	0.340
Metals											
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99	-99	101.000	-99	-99	-99	-99
Total Aluminum	Comp	EPA200.8	100.00	ug/L	6500.000	472.000	3400.000	17800.000	18000.000	-99	-99
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	0.830	0.990	1.000	0.680	1.140	-99	-99
Total Antimony	Comp	EPA200.8	5.00	ug/L	1.340	1.150	1.550	1.280	2.290	-99	-99
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	1.700	1.680	2.240	1.410	1.320	2.540	1.190
Total Arsenic	Comp	EPA200.8	5.00	ug/L	4.410	1.830	3.240	3.530	4.440	2.590	1.650
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	40.100	47.500	43.700	35.000	28.100	44.100	58.900
Total Barium	Comp	EPA200.8	10.00	ug/L	182.000	69.500	115.000	163.000	221.000	46.000	63.500
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Cadmium	Comp	EPA200.8	1.00	ug/L	0.960	-99	0.570	0.570	0.800	-99	-99
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	1.580	2.820	0.600	1.440	0.510	3.410	1.770
Total Chromium	Comp	EPA200.8	5.00	ug/L	14.800	3.230	5.800	10.100	16.400	3.610	1.970
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	5.080	4.990	6.100	4.680	5.130	2.190	2.880
Total Copper	Comp	EPA200.8	5.00	ug/L	50.300	28.300	38.200	31.900	50.500	22.400	22.100
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	265.000	-99	-99	103.000	200.000	-99	-99
Total Iron	Comp	EPA200.8	100.00	ug/L	10500.000	1100.000	7000.000	9550.000	26400.000	143.000	-99
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	0.520	-99	-99
Total Lead	Comp	EPA200.8	5.00	ug/L	15.600	1.730	4.760	9.040	17.400	0.660	0.660
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Mercury	Comp	EPA200.8	1.00	ug/L	-99	0.223	-99	-99	-99	-99	-99
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	8.890	11.600	9.710	6.590	4.190	13.100	12.900
Total Nickel	Comp	EPA200.8	5.00	ug/L	22.600	14.700	16.100	17.400	20.400	13.300	13.600
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	1.920	1.600	4.410	-99	-99	6.430	2.150
Total Selenium	Comp	EPA200.8	5.00	ug/L	2.700	1.710	4.620	-99	-99	6.780	2.910
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	0.280	-99	-99
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	13.600	8.340	9.630	-99	-99	6.060	10.800
Total Zinc	Comp	EPA200.8	50.00	ug/L	118.000	38.200	68.300	59.200	115.000	8.220	15.900
Semi-Volatiles Organics (EPA 625)											
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dichlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dimethylphenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-chloro-3-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Pentachlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Phenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4,6-trichlorophenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Santa Clara River

Mass Emission Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry		
					S29	S29	S29	S29	S29	S29	S29	
					Santa Clara River 2006-07Event03 12/09/2006	Santa Clara River 2006-07Event04 12/16/2006	Santa Clara River 2006-07Event05 01/30/2007	Santa Clara River 2006-07Event07 02/19/2007	Santa Clara River 2006-07Event08 02/22/2007	Santa Clara River 2006-07Event02 10/31/2006	Santa Clara River 2006-07Event12 04/02/2007	
Sample Type					EPA Method	PQL	Units					
Base/Neutral												
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2 Benzanthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,6 Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Chlorinated Pesticides												
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Polychlorinated Biphenyls												
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	

Appendix B. 2006-2007 Sampling Results for Santa Clara River

Mass Emission Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry		
					S29	S29	S29	S29	S29	S29	S29	
					Santa Clara River	Santa Clara River	Santa Clara River	Santa Clara River	Santa Clara River	Santa Clara River	Santa Clara River	
					2006-07Event03 12/09/2006	2006-07Event04 12/16/2006	2006-07Event05 01/30/2007	2006-07Event07 02/19/2007	2006-07Event08 02/22/2007	2006-07Event02 10/31/2006	2006-07Event12 04/02/2007	
Sample Type					EPA Method	PQL	Units					
Organohosphate Pesticides												
Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Diazinon	Comp	EPA507	0.01	ug/L	-99	-99	-99	-99	-99	-99	-99	
Prometryn	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Atrazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Simazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Cyanazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Malathion	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Herbicides												
Glyphosate	Comp	EPA547	25.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-D	Comp	EPA515.3	10.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Other												
Ammonia	Comp	SM4500-NH3										
	Comp	F	0.1	mg/L	0.290	0.110	0.315	-99	0.110	-99	-99	
Endrin ketone	Comp	EPA625	0.1	ug/L	-99	-99	-99	-99	-99	-99	-99	
Methoxychlor	Comp	EPA608	0.5	ug/L	-99	-99	-99	-99	-99	-99	-99	

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedances

WEATHER CONDITION STATION NO. STATION NAME					Wet					Dry	
					TS13 Dalton Walnut Creek 2006-07Event03 12/09/2006	TS13 Dalton Walnut Creek 2006-07Event06 02/10/2007	TS13 Dalton Walnut Creek 2006-07Event07 02/19/2007	TS13 Dalton Walnut Creek 2006-07Event08 02/22/2007	TS13 Dalton Walnut Creek 2006-07Event09 02/27/2007	TS13 Dalton Walnut Creek 2006-07Event01 10/31/2006	TS13 Dalton Walnut Creek 2006-07Event15 04/09/2007
EVENT CODE	Sample Type	EPA Method	PQL	Units							
DATE											
Conventional											
Oil and Grease	Grab	EPA413.1	1	mg/L	-99		-99	304.000	-99	-99	-99
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99		-99	-99	-99	-99	-99
Cyanide	Grab	EPA335.2	0.01	mg/L	-99		-99	-99	-99	-99	-99
pH	Comp	SM4500H B	0-14		6.830	7.320	7.360	8.140	7.470	9.940	7.950
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	9.240		11.600	11.270	10.670	12.150	11.500
Indicator Bacteria											
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	300,000,000		30,000,000	90,000,000	160,000,000	110,000,000	300,000
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	90,000,000		1,300,000	90,000,000	5,000,000	70,000,000	40,000
Ratio Fecal Coliform/Total Coliform					0.300		0.043	1.000	0.031	0.636	0.133
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	80,000,000		14,000,000	17,000,000	30,000,000	14,000,000	500,000
Enterococcus	Grab	SM9230B		MPN/100ml	50,000,000		14,000,000	17,000,000	30,000,000	14,000,000	500,000
General											
Chloride	Comp	EPA300.0	2.00	mg/L	4.130	4.300	4.030	46.900	43.700	35.800	39.700
Fluoride	Comp	EPA300.0	0.10	mg/L	0.170	0.210	0.142	0.279	0.319	0.400	0.470
Nitrate	Comp	EPA300.0	0.10	mg/L	9.040	-99	-99	-99	-99	4.020	-99
Sulfate	Comp	EPA300.0	0.10	mg/L	7.190	6.860	5.510	70.200	37.500	39.300	36.600
Alkalinity	Comp	EPA310.1	4.00	mg/L	33.000	24.200	29.700	138.600	102.300	124.300	137.500
Hardness	Comp	EPA130.2	2.00	mg/L	60.000	90.000	100.000	180.000	100.000	180.000	170.000
COD	Comp	EPA410.4	10.00	mg/L	201.000	31.260	14.010	16.010	19.730	33.970	60.755
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	1.000		-99	13000.000	-99	-99	-99
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	116.300	100.000	100.000	426.000	452.000	329.000	550.000
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	52.000	42.000	34.000	250.000	262.000	178.000	250.000
Turbidity	Comp	EPA180.1	0.10	NTU	6.330	13.900	2.450	2.580	10.200	22.900	1.210
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	536.000	185.000	9.000	37.000	137.000	128.000	41.000
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	140.000	61.000	6.000	7.000	16.000	56.000	27.000
MBAS	Comp	EPA425.1	0.05	mg/L	0.356	0.087	0.117	-99	-99	-99	0.066
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	32.000	9.380	7.090	5.190	3.390	6.120	12.600
BOD	Comp	SM5210B	2.00	mg/L	16.000	7.880	4.960	5.630	3.070	20.900	17.000
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99		-99	-99	-99	-99	-99
Nutrients											
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.465	0.285	0.058	-99	0.051	0.826	0.400
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	0.792	0.913	0.086	0.058	0.376	1.070	0.510
NH ₃ -N	Comp	EPA350.3	0.10	mg/L	1.250	0.300	0.220	-99	-99	1.090	1.390
Nitrate - N	Comp	SM4110B	0.50	mg/L	2.040	-99	-99	-99	-99	0.908	-99
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.097	-99	-99	0.050	-99	0.317	-99
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	3.440	2.720	0.940	1.000	0.780	5.060	5.480
Metals											
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Aluminum	Comp	EPA200.8	100.00	ug/L	3600.000	2870.000	910.000	1490.000	3850.000	815.000	108.000
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	1.140	0.790	0.660	0.630	-99	0.700	1.290
Total Antimony	Comp	EPA200.8	5.00	ug/L	3.730	1.950	0.850	0.910	0.690	0.760	1.500
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	1.840	1.790	0.930	1.380	1.500	4.090	3.950
Total Arsenic	Comp	EPA200.8	5.00	ug/L	4.560	2.850	1.160	1.940	2.690	4.660	4.400
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	24.600	14.700	10.500	56.600	50.300	56.400	64.400
Total Barium	Comp	EPA200.8	10.00	ug/L	189.000	82.600	16.700	77.300	105.000	104.000	75.000
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Cadmium	Comp	EPA200.8	1.00	ug/L	0.980	0.450	-99	-99	-99	-99	-99
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	1.110	-99	0.630	1.150	1.130	1.510	1.280
Total Chromium	Comp	EPA200.8	5.00	ug/L	12.700	5.750	1.380	1.710	3.860	1.540	1.520
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	19.400	7.470	6.960	4.140	3.550	7.280	8.810
Total Copper	Comp	EPA200.8	5.00	ug/L	111.000	54.700	21.600	23.500	21.100	38.700	37.900
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	252.000	287.000	-99	-99	134.000	-99	-99
Total Iron	Comp	EPA200.8	100.00	ug/L	6580.000	4010.000	375.000	1090.000	3870.000	619.000	159.000
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	1.810	1.480	-99	-99	0.690	0.550	-99
Total Lead	Comp	EPA200.8	5.00	ug/L	615.000	20.600	2.850	4.080	6.770	2.310	1.750
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	0.102	-99	-99	-99	0.103	-99	-99
Total Mercury	Comp	EPA200.8	1.00	ug/L	0.102	-99	-99	-99	0.103	-99	-99
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	4.340	2.170	1.770	1.990	1.670	2.200	3.050
Total Nickel	Comp	EPA200.8	5.00	ug/L	20.000	9.640	4.270	3.300	6.530	4.240	23.600
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	-99	2.850	-99	-99	-99	4.210	-99
Total Selenium	Comp	EPA200.8	5.00	ug/L	-99	3.020	-99	-99	-99	-99	-99
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Silver	Comp	EPA200.8	1.00	ug/L	0.280	-99	-99	-99	-99	-99	-99
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	95.500	42.900	18.600	-99	-99	10.600	38.700
Total Zinc	Comp	EPA200.8	50.00	ug/L	617.000	187.000	36.900	27.400	47.400	50.500	53.800
Semi-Volatiles Organics (EPA 625)											
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dichlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dimethylphenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-chloro-3-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Pentachlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Phenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4,6-trichlorophenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry	
					TS13 Dalton Walnut Creek 2006-07Event03 12/09/2006	TS13 Dalton Walnut Creek 2006-07Event06 02/10/2007	TS13 Dalton Walnut Creek 2006-07Event07 02/19/2007	TS13 Dalton Walnut Creek 2006-07Event08 02/22/2007	TS13 Dalton Walnut Creek 2006-07Event09 02/27/2007	TS13 Dalton Walnut Creek 2006-07Event01 10/31/2006	TS13 Dalton Walnut Creek 2006-07Event15 04/09/2007
					Sample Type	EPA Method	PQL	Units			
Base/Neutral											
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Benidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2 Benzanthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Ethylhexl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
4,6 Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Chlorinated Pesticides											
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Polychlorinated Biphenyls											
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry		
					TS13	TS13	TS13	TS13	TS13	TS13	TS13	TS13
					Dalton Walnut Creek 2006-07Event03 12/09/2006	Dalton Walnut Creek 2006-07Event06 02/10/2007	Dalton Walnut Creek 2006-07Event07 02/19/2007	Dalton Walnut Creek 2006-07Event08 02/22/2007	Dalton Walnut Creek 2006-07Event09 02/27/2007	Dalton Walnut Creek 2006-07Event01 10/31/2006	Dalton Walnut Creek 2006-07Event15 04/09/2007	
Sample Type					EPA Method	PQL	Units					
Organohosphate Pesticides												
	Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99	-99	-99	-99	-99	-99	
	Diazinon	Comp	EPA507	0.01	ug/L	-99	-99	-99	-99	-99	-99	
	Prometryn	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	
	Atrazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	
	Simazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	
	Cyanazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	
	Malathion	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	
Herbicides												
	Glyphosate	Comp	EPA547	25.00	ug/L	-99	-99	-99	-99	-99	-99	
	2,4-D	Comp	EPA515.3	10.00	ug/L	-99	-99	-99	-99	-99	-99	
	2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99	-99	-99	-99	-99	-99	
Other												
	Ammonia	Comp	SM4500-NH3			1.510	0.360	0.270	-99	-99	1.320 1.680	
	Endrin ketone	Comp	EPA625	0.1	ug/L	-99	-99	-99	-99	-99	-99	
	Methoxychlor	Comp	EPA608	0.5	ug/L	-99	-99	-99	-99	-99	-99	

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedances

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry		
					TS14	TS14	TS14	TS14	TS14	TS14	TS14	TS14
					Puente Creek 2006-07Event03 12/09/2006	Puente Creek 2006-07Event06 02/10/2007	Puente Creek 2006-07Event07 02/19/2007	Puente Creek 2006-07Event08 02/22/2007	Puente Creek 2006-07Event09 02/27/2007	Puente Creek 2006-07Event10 10/31/2006	Puente Creek 2006-07Event15 04/09/2007	
	Sample Type	EPA Method	PQL	Units								
Conventional												
Oil and Grease	Grab	EPA413.1	1	mg/L	1.400		-99	-99	2.000	-99	-99	
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99		-99	-99	-99	-99	-99	
Cyanide	Grab	EPA335.2	0.01	mg/L	-99		-99	-99	-99	-99	-99	
pH	Comp	SM4500H B	0-14		7.300	7.760	7.660	7.870	7.310	8.230	7.800	
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	10.260		11.970	9.800	10.140	9.510	12.100	
Indicator Bacteria												
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	240,000.000		17,000.000	160,000.000	90,000.000	50,000.000	14,000.000	
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	16,000.000		2,400.000	500.000	90,000.000	7,000.000	2,200.000	
Ratio Fecal Coliform/Total Coliform					0.067		0.141	0.003	1.000	0.140	0.157	
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	17,000.000		3,000.000	5,000.000	160,000.000	28,000.000	5,000.000	
Enterococcus	Grab	SM9230B		MPN/100ml	13,000.000		3,000.000	3,000.000	160,000.000	22,000.000	5,000.000	
General												
Chloride	Comp	EPA300.0	2.00	mg/L	44.000	770.000	73.000	67.900	82.100	94.470	160.000	
Fluoride	Comp	EPA300.0	0.10	mg/L	0.260	0.355	0.407	0.391	0.340	0.420	0.600	
Nitrate	Comp	EPA300.0	0.10	mg/L	6.280	-99	-99	-99	-99	1.180	-99	
Sulfate	Comp	EPA300.0	0.10	mg/L	129.000	25.400	86.400	212.000	165.000	192.000	355.000	
Alkalinity	Comp	EPA310.1	4.00	mg/L	71.500	79.200	90.200	110.000	75.900	200.200	121.000	
Hardness	Comp	EPA130.2	2.00	mg/L	210.000	210.000	140.000	330.000	190.000	345.000	490.000	
COD	Comp	EPA410.4	10.00	mg/L	354.000	1088.210	150.320	50.250	61.050	54.490	37.082	
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	1.300		-99	-99	1.500	-99	-99	
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	588.000	2937.000	609.000	1008.000	820.000	1160.000	1834.000	
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	342.000	1612.000	368.000	596.000	494.000	662.000	1034.000	
Turbidity	Comp	EPA180.1	0.10	NTU	5.750	12.000	3.450	1.680	1.940	2.490	1.830	
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	1354.000	162.000	111.000	32.000	102.000	130.000	16.000	
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	254.000	39.000	73.000	9.000	33.000	43.000	13.000	
MBAS	Comp	EPA425.1	0.05	mg/L	0.323	0.079	0.116	0.089	0.085	-99	-99	
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	27.300	15.200	29.300	9.420	16.500	8.090	11.900	
BOD	Comp	SM5210B	2.00	mg/L	17.200	18.300	92.100	8.360	16.300	6.460	13.900	
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99		-99	-99	-99	-99	-99	
Nutrients												
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.283	0.326	0.151	0.101	0.166	0.369	0.080	
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	0.591	1.000	0.369	0.234	0.509	0.781	0.110	
NH ₄ -N	Comp	EPA350.3	0.10	mg/L	0.420	0.140	0.110	0.180	0.580	0.730	0.430	
Nitrate - N	Comp	SM4110B	0.50	mg/L	1.418	-99	-99	-99	-99	0.266	-99	
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.113	-99	-99	-99	-99	0.040	-99	
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	2.740	2.700	4.040	1.100	2.400	2.240	2.260	
Metals												
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Aluminum	Comp	EPA200.8	100.00	ug/L	10900.000	2190.000	1330.000	1070.000	1940.000	394.000	-99	
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	1.270	1.270	1.410	1.430	1.420	0.690	1.000	
Total Antimony	Comp	EPA200.8	5.00	ug/L	3.030	2.250	2.240	1.980	2.460	0.730	1.100	
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	1.900	2.070	1.810	1.350	1.850	2.740	1.920	
Total Arsenic	Comp	EPA200.8	5.00	ug/L	4.600	2.880	1.950	1.570	1.900	3.210	2.270	
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	35.600	82.200	26.100	39.400	30.000	51.400	64.900	
Total Barium	Comp	EPA200.8	10.00	ug/L	235.000	159.000	54.800	58.500	64.000	59.100	67.000	
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99	-99	0.400	-99	-99	-99	-99	
Total Cadmium	Comp	EPA200.8	1.00	ug/L	8.030	-99	0.970	-99	0.420	-99	-99	
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	1.050	2.070	2.260	1.380	1.690	3.520	2.860	
Total Chromium	Comp	EPA200.8	5.00	ug/L	26.000	8.800	4.370	2.690	5.220	3.830	3.090	
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	0.540	0.990	0.500	0.680	0.790	1.040	0.530	
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	0.540	0.990	0.500	0.680	0.790	1.040	0.530	
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	13.500	14.900	11.600	7.650	11.200	6.370	7.220	
Total Copper	Comp	EPA200.8	5.00	ug/L	164.000	53.900	47.200	24.000	37.500	27.600	38.400	
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	309.000	240.000	-99	-99	124.000	-99	-99	
Total Iron	Comp	EPA200.8	100.00	ug/L	14500.000	4360.000	1060.000	746.000	1620.000	307.000	-99	
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	0.860	1.910	0.960	-99	0.620	0.560	-99	
Total Lead	Comp	EPA200.8	5.00	ug/L	59.600	16.800	11.700	5.970	16.700	1.470	1.790	
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	5.390	3.470	3.750	3.920	3.770	5.060	6.490	
Total Nickel	Comp	EPA200.8	5.00	ug/L	24.500	9.350	6.940	6.290	8.570	6.150	8.410	
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	1.130	3.810	1.640	3.800	2.360	7.350	5.080	
Total Selenium	Comp	EPA200.8	5.00	ug/L	1.940	4.080	1.790	4.010	2.510	7.420	6.450	
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Silver	Comp	EPA200.8	1.00	ug/L	0.330	-99	-99	-99	-99	-99	-99	
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	80.100	75.100	103.000	14.300	66.100	16.900	10.600	
Total Zinc	Comp	EPA200.8	50.00	ug/L	1100.000	196.000	235.000	85.800	176.000	30.200	18.900	
Semi-Volatiles Organics (EPA 625)												
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-dichlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-dimethylphenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-chloro-3-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Pentachlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Phenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4,6-trichlorophenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry	
					TS14	TS14	TS14	TS14	TS14	TS14	TS14
					Puente Creek 2006-07Event03 12/09/2006	Puente Creek 2006-07Event06 02/10/2007	Puente Creek 2006-07Event07 02/19/2007	Puente Creek 2006-07Event08 02/22/2007	Puente Creek 2006-07Event09 02/27/2007	Puente Creek 2006-07Event01 10/31/2006	Puente Creek 2006-07Event15 04/09/2007
Sample Type	EPA Method	PQL	Units								
Base/Neutral											
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2 Benzantracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
4,6 Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Chlorinated Pesticides											
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Polychlorinated Biphenyls											
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry	
					TS14	TS14	TS14	TS14	TS14	TS14	TS14
					Puente Creek 2006-07Event03 12/09/2006	Puente Creek 2006-07Event06 02/10/2007	Puente Creek 2006-07Event07 02/19/2007	Puente Creek 2006-07Event08 02/22/2007	Puente Creek 2006-07Event09 02/27/2007	Puente Creek 2006-07Event01 10/31/2006	Puente Creek 2006-07Event15 04/09/2007
					Sample Type	EPA Method	PQL	Units			
Organohosphate Pesticides											
Chlorpyrifos					Comp	EPA507	0.05	ug/L	-99	-99	-99
Diazinon					Comp	EPA507	0.01	ug/L	-99	-99	-99
Prometryn					Comp	EPA507	2.00	ug/L	-99	-99	-99
Atrazine					Comp	EPA507	2.00	ug/L	-99	-99	-99
Simazine					Comp	EPA507	2.00	ug/L	-99	-99	-99
Cyanazine					Comp	EPA507	2.00	ug/L	-99	-99	-99
Malathion					Comp	EPA507	2.00	ug/L	-99	-99	-99
Herbicides											
Glyphosate					Comp	EPA547	25.00	ug/L	-99	-99	-99
2,4-D					Comp	EPA515.3	10.00	ug/L	-99	-99	-99
2,4,5-TP-SILVEX					Comp	EPA515.3	1.00	ug/L	-99	-99	-99
Other											
Ammonia					Comp	SM4500-NH3 F	0.1	mg/L	0.510	0.170	0.130
Endrin ketone					Comp	EPA625	0.1	ug/L	-99	-99	-99
Methoxychlor					Comp	EPA608	0.5	ug/L	-99	-99	-99

Note:

1) blank cell indicates sample was not analyzed

2) -99 indicates concentration below minimum detection level

3) PQL = minimum level

4) Highlighted cells show exceedances

WEATHER CONDITION STATION NO. STATION NAME					Wet					Dry		
					TS15	TS15	TS15	TS15	TS15	TS15	TS15	TS15
					Upper San Jose Creek 2006-07Event03 12/09/2006	Upper San Jose Creek 2006-07Event06 02/10/2007	Upper San Jose Creek 2006-07Event07 02/19/2007	Upper San Jose Creek 2006-07Event08 02/22/2007	Upper San Jose Creek 2006-07Event09 02/27/2007	Upper San Jose Creek 2006-07Event01 10/31/2006	Upper San Jose Creek 2006-07Event15 04/09/2007	
EVENT CODE	Sample Type	EPA Method	PQL	Units								
DATE												
Conventional												
Oil and Grease	Grab	EPA413.1	1	mg/L	1.700		-99	-99	-99	-99	-99	
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99		-99	-99	-99	-99	-99	
Cyanide	Grab	EPA335.2	0.01	mg/L	-99		-99	-99	-99	-99	-99	
pH	Comp	SM4500H B	0-14		7.380	7.980	7.610	8.010	7.380	8.490	7.730	
Dissolved Oxygen	Comp	SM4500O G	1.00	mg/L	7.890		11.600	10.370	11.800	12.200	13.400	
Indicator Bacteria												
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	24,000,000		35,000,000	50,000,000	30,000,000	1,300,000	2,400,000	
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	9,000,000		3,000,000	1,700,000	9,000,000	800,000	130,000	
Ratio Fecal Coliform/Total Coliform					0.375		0.086	0.034	0.300	0.615	0.054	
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	90,000,000		13,000,000	9,000,000	14,000,000	230,000	40,000	
Enterococcus	Grab	SM9230B		MPN/100ml	90,000,000		13,000,000	9,000,000	14,000,000	230,000	20,000	
General												
Chloride	Comp	EPA300.0	2.00	mg/L	29.000	16.800	47.300	74.900	39.700	61.400	87.000	
Fluoride	Comp	EPA300.0	0.10	mg/L	0.200	0.177	0.216	0.328	0.243	0.160	0.240	
Nitrate	Comp	EPA300.0	0.10	mg/L	11.200	-99	-99	-99	-99	2.340	-99	
Sulfate	Comp	EPA300.0	0.10	mg/L	60.200	29.800	91.800	115.000	77.700	114.000	155.000	
Alkalinity	Comp	EPA310.1	4.00	mg/L	83.600	99.000	116.600	132.000	80.300	101.200	114.400	
Hardness	Comp	EPA130.2	2.00	mg/L	180.000	130.000	220.000	250.000	220.000	205.000	250.000	
COD	Comp	EPA410.4	10.00	mg/L	97.400	28.950	55.890	42.410	37.390	29.310	6.461	
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	1.800		-99	-99	-99	-99	-99	
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	426.000	269.000	627.000	868.000	482.000	690.000	936.000	
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	254.000	150.000	332.000	466.000	298.000	384.000	536.000	
Turbidity	Comp	EPA180.1	0.10	NTU	8.680	9.310	1.310	1.540	2.740	1.060	0.630	
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	694.000	564.000	934.000	40.000	24.000	69.000	183.000	
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	164.000	152.000	280.000	4.000	6.000	21.000	50.000	
MBAS	Comp	EPA425.1	0.05	mg/L	0.222	0.100	0.084	0.068	0.078	-99	-99	
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	29.100	10.700	7.930	6.910	9.050	3.510	4.950	
BOD	Comp	SM5210B	2.00	mg/L	17.700	11.200	21.600	11.800	7.370	3.340	5.910	
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99		-99	-99	-99	-99	-99	
Nutrients												
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.229	0.163	0.052	-99	-99	-99	-99	
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	0.499	1.070	0.192	0.078	-99	0.180	0.050	
NH ₃ -N	Comp	EPA350.3	0.10	mg/L	0.530	0.200	-99	-99	0.100	0.260	-99	
Nitrate - N	Comp	SM4110B	0.50	mg/L	2.530	-99	-99	-99	-99	0.528	-99	
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.125	-99	-99	-99	-99	-99	-99	
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	4.180	3.920	4.960	1.300	1.140	1.140	1.440	
Metals												
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Aluminum	Comp	EPA200.8	100.00	ug/L	7140.000	4720.000	11100.000	1060.000	410.000	286.000	917.000	
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	1.170	1.070	0.930	0.780	0.900	-99	-99	
Total Antimony	Comp	EPA200.8	5.00	ug/L	2.870	3.040	4.440	1.180	1.170	-99	0.530	
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	2.030	1.830	1.280	1.270	1.100	2.540	1.800	
Total Arsenic	Comp	EPA200.8	5.00	ug/L	6.370	3.760	7.560	1.590	1.290	2.880	1.820	
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	28.600	21.300	33.800	45.600	20.800	60.600	76.400	
Total Barium	Comp	EPA200.8	10.00	ug/L	203.000	145.000	206.000	65.500	30.900	66.500	93.800	
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Cadmium	Comp	EPA200.8	1.00	ug/L	2.830	0.970	3.030	-99	-99	-99	-99	
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	1.100	0.520	1.590	1.370	1.260	2.110	1.790	
Total Chromium	Comp	EPA200.8	5.00	ug/L	20.600	11.700	21.100	1.910	1.520	2.510	3.130	
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	0.310	-99	0.250	0.300	0.370	-99	-99	
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	0.310	-99	0.250	0.300	0.370	-99	-99	
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	8.620	4.470	4.040	5.230	5.910	2.310	2.920	
Total Copper	Comp	EPA200.8	5.00	ug/L	128.000	67.600	90.400	20.000	16.700	20.900	25.300	
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	334.000	277.000	-99	-99	-99	-99	-99	
Total Iron	Comp	EPA200.8	100.00	ug/L	12400.000	6660.000	12500.000	618.000	341.000	151.000	635.000	
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	1.700	0.980	-99	-99	0.510	-99	-99	
Total Lead	Comp	EPA200.8	5.00	ug/L	50.500	33.700	52.200	3.700	2.480	0.690	4.880	
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Mercury	Comp	EPA200.8	1.00	ug/L	0.400	-99	-99	-99	-99	-99	-99	
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	4.540	2.310	3.720	3.070	2.430	2.190	2.540	
Total Nickel	Comp	EPA200.8	5.00	ug/L	25.500	13.800	26.400	4.910	3.990	2.850	4.760	
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	1.040	3.690	1.140	2.070	-99	5.020	1.510	
Total Selenium	Comp	EPA200.8	5.00	ug/L	1.510	3.820	2.660	2.310	-99	5.740	1.710	
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Silver	Comp	EPA200.8	1.00	ug/L	0.330	0.440	0.400	-99	-99	-99	-99	
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	45.500	24.200	62.200	39.900	20.000	5.290	9.340	
Total Zinc	Comp	EPA200.8	50.00	ug/L	442.000	361.000	1380.000	93.000	41.900	16.400	140.000	
Semi-Volatiles Organics (EPA 625)												
2-Chlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-dichlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-dimethylphenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-dinitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-nitrophenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-chloro-3-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Pentachlorophenol	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Phenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4,6-trichlorophenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry	
					TS15	TS15	TS15	TS15	TS15	TS15	TS15
					Upper San Jose Creek 2006-07Event03 12/09/2006	Upper San Jose Creek 2006-07Event06 02/10/2007	Upper San Jose Creek 2006-07Event07 02/19/2007	Upper San Jose Creek 2006-07Event08 02/22/2007	Upper San Jose Creek 2006-07Event09 02/27/2007	Upper San Jose Creek 2006-07Event01 10/31/2006	Upper San Jose Creek 2006-07Event15 04/09/2007
Sample Type											
EPA Method											
PQL											
Units											
Base/Neutral											
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Benidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2 Benzanthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(k)fouranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Ethylhexl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
4,6 Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Chlorinated Pesticides											
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Polychlorinated Biphenyls											
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry	
					TS15	TS15	TS15	TS15	TS15	TS15	TS15
					Upper San Jose	Upper San Jose	Upper San Jose	Upper San Jose	Upper San Jose	Upper San Jose	Upper San Jose
					Creek	Creek	Creek	Creek	Creek	Creek	Creek
					2006-07Event03	2006-07Event06	2006-07Event07	2006-07Event08	2006-07Event09	2006-07Event01	2006-07Event15
					12/09/2006	02/10/2007	02/19/2007	02/22/2007	02/27/2007	10/31/2006	04/09/2007
					Sample Type	EPA Method	PQL	Units			
Organohosphate Pesticides											
Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Diazinon	Comp	EPA507	0.01	ug/L	-99	-99	-99	-99	-99	-99	-99
Prometryn	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Atrazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Simazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Cyanazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Malathion	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Herbicides											
Glyphosate	Comp	EPA547	25.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-D	Comp	EPA515.3	10.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Other											
Ammonia	Comp	SM4500-NH3 F	0.1	mg/L	0.640	0.240	-99	-99	0.120	0.320	0.100
Endrin ketone	Comp	EPA625	0.1	ug/L	-99	-99	-99	-99	-99	-99	-99
Methoxychlor	Comp	EPA608	0.5	ug/L	-99	-99	-99	-99	-99	-99	-99

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedances

Appendix B. 2006-2007 Sampling Results for Maplewood Channel

Tributary Monitoring

WEATHER CONDITION STATION NO. STATION NAME					Wet					Dry	
					TS16 Maplewood Channel 2006-07Event03 12/09/2006	TS16 Maplewood Channel 2006-07Event06 02/10/2007	TS16 Maplewood Channel 2006-07Event07 02/19/2007	TS16 Maplewood Channel 2006-07Event08 02/22/2007	TS16 Maplewood Channel 2006-07Event09 02/27/2007	TS16 Maplewood Channel 2006-07Event01 10/31/2006	TS16 Maplewood Channel 2006-07Event15 04/09/2007
EVENT CODE	DATE	Sample Type	EPA Method	PQL	Units						
Conventional											
Oil and Grease	Grab	EPA413.1	1	mg/L	2.600		-99	-99	-99	-99	-99
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99		-99	-99	-99	-99	-99
Cyanide	Grab	EPA335.2	0.01	mg/L	-99		-99	-99	-99	-99	-99
pH	Comp	SM4500H B	0-14		7.330	7.660	7.740	7.670	7.150	8.110	7.920
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	8.640		8.220	8.980	9.130	14.980	10.100
Indicator Bacteria											
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	500,000,000		220,000,000	300,000,000	2,400,000	11,000,000	1,600,000,000
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	5,000,000		9,000,000	9,000,000	2,400,000	1,300,000	800,000
Ratio Fecal Coliform/Total Coliform					0.010		0.041	0.030	1.000	0.118	0.001
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	240,000,000		160,000,000	500,000,000	16,000,000	5,000,000	90,000,000
Enterococcus	Grab	SM9230B		MPN/100ml	240,000,000		160,000,000	500,000,000	16,000,000	1,100,000	30,000,000
General											
Chloride	Comp	EPA300.0	2.00	mg/L	25.600	36.400	54.400	23.900	53.300	150.000	77.900
Fluoride	Comp	EPA300.0	0.10	mg/L	0.240	0.327	0.264	0.295	0.320	0.340	0.400
Nitrate	Comp	EPA300.0	0.10	mg/L	4.000	-99	-99	-99	-99	12.000	-99
Sulfate	Comp	EPA300.0	0.10	mg/L	36.300	50.800	51.200	34.600	51.200	120.000	110.000
Alkalinity	Comp	EPA310.1	4.00	mg/L	93.500	99.000	95.700	66.000	81.400	188.100	177.100
Hardness	Comp	EPA130.2	2.00	mg/L	130.000	140.000	160.000	130.000	110.000	440.000	300.000
COD	Comp	EPA410.4	10.00	mg/L	353.000	98.610	70.740	32.780	51.270	48.130	6.840
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	2.800		-99	-99	1.000	-99	-99
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	355.000	424.000	488.000	318.000	543.000	1200.000	948.000
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	204.000	254.000	256.000	178.000	314.000	666.000	496.000
Turbidity	Comp	EPA180.1	0.10	NTU	8.500	4.660	1.900	2.510	1.680	0.810	0.560
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	1.866	441.000	459.000	54.000	14.000	68.000	11.000
Volatile Suspended Solids	Comp	EPA160.4	1.00	mg/L	596.000	175.000	222.000	19.000	2.000	32.000	9.000
MBAS	Comp	EPA425.1	0.05	mg/L	0.601	0.171	0.169	0.091	0.125	-99	-99
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	41.800	17.700	18.700	9.330	14.700	3.800	4.270
BOD	Comp	SM5210B	2.00	mg/L	30.700	18.400	17.200	5.480	9.680	2.520	2.030
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99		-99	-99	-99	-99	-99
Nutrients											
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.507	0.347	0.291	0.193	0.245	0.238	0.080
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	1.070	0.687	0.493	0.243	0.358	0.454	0.150
NH ₃ -N	Comp	EPA350.3	0.10	mg/L	2.780	0.600	1.000	0.160	0.190	-99	0.260
Nitrate - N	Comp	SM4110B	0.50	mg/L	0.903	-99	-99	-99	-99	2.710	-99
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.167	-99	-99	-99	-99	-99	-99
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	15.920	5.980	5.060	1.700	1.820	0.960	1.100
Metals											
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Aluminum	Comp	EPA200.8	100.00	ug/L	20300.000	3940.000	4680.000	1190.000	406.000	321.000	-99
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	1.960	1.910	1.700	1.760	2.120	0.800	0.750
Total Antimony	Comp	EPA200.8	5.00	ug/L	10.300	5.680	5.980	2.830	2.630	1.030	0.870
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	2.160	2.710	1.500	1.460	1.520	2.980	1.420
Total Arsenic	Comp	EPA200.8	5.00	ug/L	14.600	4.750	4.600	2.000	1.660	3.240	2.260
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	62.900	38.800	50.700	35.600	49.300	92.400	65.900
Total Barium	Comp	EPA200.8	10.00	ug/L	715.000	188.000	205.000	60.400	64.100	106.000	76.300
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Beryllium	Comp	EPA200.8	1.00	ug/L	0.710	-99	-99	-99	-99	-99	-99
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Cadmium	Comp	EPA200.8	1.00	ug/L	11.300	1.430	1.790	-99	-99	-99	-99
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	2.140	0.700	1.140	1.410	1.570	4.520	1.790
Total Chromium	Comp	EPA200.8	5.00	ug/L	70.600	15.100	16.000	3.600	1.950	5.330	1.850
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	-99	0.730	0.590	0.640	0.480
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	-99	0.280	0.730	0.590	0.640	0.480
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	6.910	24.900	8.410	11.200	15.900	4.480	5.140
Total Copper	Comp	EPA200.8	5.00	ug/L	685.000	184.000	144.000	43.300	31.800	29.500	27.100
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	1290.000	125.000	267.000	-99	147.000	-99	-99
Total Iron	Comp	EPA200.8	100.00	ug/L	38900.000	6730.000	6180.000	966.000	330.000	560.000	-99
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	7.390	1.090	1.100	-99	0.510	-99	-99
Total Lead	Comp	EPA200.8	5.00	ug/L	426.000	190.000	37.100	8.100	3.070	5.490	1.290
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Mercury	Comp	EPA200.8	1.00	ug/L	2.054	-99	-99	-99	-99	-99	-99
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	9.330	5.120	5.410	3.480	4.580	4.400	3.790
Total Nickel	Comp	EPA200.8	5.00	ug/L	73.700	20.500	19.900	7.200	6.680	5.950	19.100
Dissolved Seleniur	Comp	EPA200.8	5.00	ug/L	-99	3.440	-99	-99	-99	4.610	-99
Total Seleniur	Comp	EPA200.8	5.00	ug/L	2.420	3.770	1.040	-99	-99	5.130	-99
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Silver	Comp	EPA200.8	1.00	ug/L	2.500	-99	0.410	-99	-99	-99	-99
Dissolved Thalliur	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	35.200	77.100	45.400	40.000	68.200	29.100	24.800
Total Zinc	Comp	EPA200.8	50.00	ug/L	5560.000	845.000	952.000	133.000	101.000	89.600	31.500
Semi-Volatiles Organics (EPA 625)											
2-Chloropheno	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dichloropheno	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dimethylpheno	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dinitrophen	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2-nitrophen	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-nitrophen	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-chloro-3-methylpheno	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Pentachloropheno	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Phenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4,6-trichloropheno	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Maplewood Channel

Tributary Monitoring

WEATHER CONDITION STATION NO. STATION NAME					Wet					Dry	
					TS16 Maplewood Channel 2006-07Event03 12/09/2006	TS16 Maplewood Channel 2006-07Event06 02/10/2007	TS16 Maplewood Channel 2006-07Event07 02/19/2007	TS16 Maplewood Channel 2006-07Event08 02/22/2007	TS16 Maplewood Channel 2006-07Event09 02/27/2007	TS16 Maplewood Channel 2006-07Event01 10/31/2006	TS16 Maplewood Channel 2006-07Event15 04/09/2007
EVENT CODE	DATE	Sample Type	EPA Method	PQL	Units						
Base/Neutral											
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Benidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2 Benzantracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroisopropyl)ethe	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Chloroethyl)ethe	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-Bromophenyl phenyl ethe	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
2-Chloroethyl vinyl ethe	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99	-99
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4-Chlorophenyl phenyl ethe	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
4,6 Dinitro-2-methylpheno	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Chlorinated Pesticides											
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Polychlorinated Biphenyls											
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Maplewood Channel

Tributary Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry	
					TS16	TS16	TS16	TS16	TS16	TS16	TS16
					Maplewood Channel 2006-07Event03 12/09/2006	Maplewood Channel 2006-07Event06 02/10/2007	Maplewood Channel 2006-07Event07 02/19/2007	Maplewood Channel 2006-07Event08 02/22/2007	Maplewood Channel 2006-07Event09 02/27/2007	Maplewood Channel 2006-07Event01 10/31/2006	Maplewood Channel 2006-07Event15 04/09/2007
					Sample Type	EPA Method	PQL	Units			
Organohosphate Pesticides											
	Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99	-99	-99	-99	-99	-99
	Diazinon	Comp	EPA507	0.01	ug/L	-99	-99	-99	-99	-99	-99
	Prometryn	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
	Atrazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
	Simazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
	Cyanazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
	Malathion	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Herbicides											
	Glyphosate	Comp	EPA547	25.00	ug/L	-99	-99	-99	-99	-99	-99
	2,4-D	Comp	EPA515.3	10.00	ug/L	-99	-99	-99	-99	-99	-99
	2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99	-99	-99	-99	-99	-99
Other											
	Ammonia	Comp	SM4500-NH3 F	0.1	mg/L	3.360	0.730	1.210	0.190	0.230	0.320
	Endrin ketone	Comp	EPA625	0.1	ug/L	-99	-99	-99	-99	-99	-99
	Methoxychlor	Comp	EPA608	0.5	ug/L	-99	-99	-99	-99	-99	-99

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedance

Appendix B. 2006-2007 Sampling Results for North Fork Coyote Creek

Tributary Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry		
					TS17	TS17	TS17	TS17	TS17	TS17	TS17	TS17
					North Fork Coyote Creek 2006-07Event03 12/09/2006	North Fork Coyote Creek 2006-07Event06 02/10/2007	North Fork Coyote Creek 2006-07Event07 02/19/2007	North Fork Coyote Creek 2006-07Event08 02/22/2007	North Fork Coyote Creek 2006-07Event09 02/27/2007	North Fork Coyote Creek 2006-07Event01 10/31/2006	North Fork Coyote Creek 2006-07Event15 04/09/2007	
Sample Type	EPA Method	PQL	Units									
Conventional												
Oil and Grease	Grab	EPA413.1	1	mg/L	-99		-99	-99	-99	-99	-99	
Total Phenols	Grab	EPA420.1	0.10	mg/L	-99		-99	-99	-99	-99	-99	
Cyanide	Grab	EPA335.2	0.01	mg/L	-99		0.009	-99	-99	0.013	0.021	
pH	Comp	SM4500H B	0-14		7.400	7.800	7.840	7.750	7.840	8.350	8.030	
Dissolved Oxygen	Grab	SM4500O G	1.00	mg/L	9.150		10.100	8.570	10.700	16.720	17.000	
Indicator Bacteria												
Total Coliform	Grab	SM9230B	20.00	MPN/100ml	28,000,000		300,000,000	160,000,000	24,000,000	11,000,000	1,700,000	
Fecal Coliform	Grab	SM9230B	20.00	MPN/100ml	14,000,000		16,000,000	17,000,000	16,000,000	800,000	70,000	
Ratio Fecal Coliform/Total Coliform				0.500		0.053	0.106	0.667		0.073	0.041	
Streptococcus	Grab	SM9230B	20.00	MPN/100ml	130,000,000		50,000,000	160,000,000	30,000,000	800,000	20,000	
Enterococcus	Grab	SM9230B		MPN/100ml	130,000,000		24,000,000	160,000,000	17,000,000	230,000	(99,000)	
General												
Chloride	Comp	EPA300.0	2.00	mg/L	42.700	70.600	66.400	46.900	55.800	170,000	167,000	
Fluoride	Comp	EPA300.0	0.10	mg/L	0.190	0.277	0.318	0.276	0.232	0.320	0.330	
Nitrate	Comp	EPA300.0	0.10	mg/L	12.300	-99	-99	-99	-99	20.300	-99	
Sulfate	Comp	EPA300.0	0.10	mg/L	79.200	148,000	110,000	71.200	99.900	295,000	278,000	
Alkalinity	Comp	EPA310.1	4.00	mg/L	99.000	115,500	110,000	83.600	113.300	200,200	179,300	
Hardness	Comp	EPA130.2	2.00	mg/L	190,000	230,000	230,000	150,000	210,000	440,000	430,000	
COD	Comp	EPA410.4	10.00	mg/L	435,000	152,440	76,320	43,040	65,300	57,460	18,684	
Total Petroleum Hydrocarbons	Grab	EPA418.1	1.00	mg/L	1,800		-99	-99	1,000	-99	-99	
Specific Conductance	Comp	EPA120.1	1.00	umhos/cm	540,000	760,000	744,000	514,000	699,000	1775,000	1778,000	
Total Dissolved Solids	Comp	EPA160.1	2.00	mg/L	318,000	448,000	438,000	290,000	416,000	1046,000	940,000	
Turbidity	Comp	EPA180.1	0.10	NTU	4.270	5.330	2.560	2.140	1.490	1.130	0.870	
Total Suspended Solids	Comp	EPA160.2	2.00	mg/L	886,000	215,000	95,000	29,000	97,000	11,000	14,000	
Volatile Suspended Solid	Comp	EPA160.4	1.00	mg/L	240,000	68,000	29,000	5,000	31,000	6,000	6,000	
MBAS	Comp	EPA425.1	0.05	mg/L	0.338	0.117	0.137	0.137	0.168	-99	-99	
Total Organic Carbon	Comp	EPA415.1	1.00	mg/L	37.100	19.100	18.700	10.900	14.100	5.420	6.780	
BOD	Comp	SM5210B	2.00	mg/L	23.300	21.300	19.800	43.900	26.500	21.700	60.800	
Methyl Tertiary Butyl Ether (MTBE)	Grab	EPA624	1.00	ug/L	-99		-99	-99	-99	-99	-99	
Nutrients												
Dissolved Phosphorus	Comp	EPA365.3	0.05	mg/L	0.270	0.260	0.157	0.117	0.182	-99	-99	
Total Phosphorus	Comp	EPA365.3	0.05	mg/L	0.822	0.633	0.228	0.158	0.586	0.069	-99	
NH ₃ -N	Comp	EPA350.3	0.10	mg/L	0.710	0.210	-99	-99	0.590	0.130	0.140	
Nitrate - N	Comp	SM4110B	0.50	mg/L	2.780	-99	-99	-99	-99	4.584	-99	
Nitrite - N	Comp	SM4110B	0.03	mg/L	0.253	0.050	-99	0.053	-99	0.332	-99	
Kjeldahl-N	Comp	EPA351.4	0.10	mg/L	5.300	3.960	4.100	1.660	3.540	0.940	0.960	
Metals												
Dissolved Aluminum	Comp	EPA200.8	100.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Aluminum	Comp	EPA200.8	100.00	ug/L	3360,000	4350,000	1430,000	1120,000	2140,000	143,000	-99	
Dissolved Antimony	Comp	EPA200.8	5.00	ug/L	2.630	2.110	3.010	2.290	1.990	0.650	0.640	
Total Antimony	Comp	EPA200.8	5.00	ug/L	5.870	3.010	3.980	2.870	3.680	0.780	0.740	
Dissolved Arsenic	Comp	EPA200.8	5.00	ug/L	2.260	3.300	2.870	1.890	1.810	3.550	2.080	
Total Arsenic	Comp	EPA200.8	5.00	ug/L	4.910	4.260	3.340	2.180	2.610	3.830	3.020	
Dissolved Barium	Comp	EPA200.8	10.00	ug/L	40,800	41,300	43,700	24,600	32,400	49,400	43,100	
Total Barium	Comp	EPA200.8	10.00	ug/L	195,000	94,300	71,700	37,100	74,400	50,800	44,500	
Dissolved Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Beryllium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dissolved Cadmium	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Cadmium	Comp	EPA200.8	1.00	ug/L	1.930	0.740	0.340	-99	-99	-99	-99	
Dissolved Chromium	Comp	EPA200.8	5.00	ug/L	1,650	1,810	3,930	2,060	2,500	4,610	2,590	
Total Chromium	Comp	EPA200.8	5.00	ug/L	15,200	6,050	4,610	3,040	6,340	5,170	2,750	
Dissolved Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	0.470	1,410	1,240	1,270	0.650	0.350	
Total Chromium +6	Comp	EPA200.8	10.00	ug/L	-99	0.470	1,410	1,240	1,270	0.650	0.350	
Dissolved Copper	Comp	EPA200.8	5.00	ug/L	13,600	18,000	21,100	15,200	11,300	4,950	4,950	
Total Copper	Comp	EPA200.8	5.00	ug/L	166,000	66,400	48,000	32,700	48,300	22,700	23,800	
Dissolved Iron	Comp	EPA200.8	100.00	ug/L	186,000	1350,000	136,000	-99	-99	-99	-99	
Total Iron	Comp	EPA200.8	100.00	ug/L	6080,000	2350,000	1220,000	513,000	1640,000	100,000	-99	
Dissolved Lead	Comp	EPA200.8	5.00	ug/L	1,560	2,880	2,710	-99	-99	-99	-99	
Total Lead	Comp	EPA200.8	5.00	ug/L	573,000	13,000	8,230	4,470	14,700	0.710	0.680	
Dissolved Mercury	Comp	EPA200.8	1.00	ug/L	0.157	-99	-99	-99	-99	-99	-99	
Total Mercury	Comp	EPA200.8	1.00	ug/L	0.157	-99	-99	-99	-99	-99	-99	
Dissolved Nickel	Comp	EPA200.8	5.00	ug/L	12,800	6,550	7,200	6,220	4,780	4,450	4,040	
Total Nickel	Comp	EPA200.8	5.00	ug/L	32,200	12,700	10,500	8,710	9,600	5,010	4,640	
Dissolved Selenium	Comp	EPA200.8	5.00	ug/L	1,170	5,690	3,400	1,590	2,850	10,400	5,600	
Total Selenium	Comp	EPA200.8	5.00	ug/L	1,590	5,870	3,770	1,820	3,290	11,100	9,170	
Dissolved Silver	Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Silver	Comp	EPA200.8	1.00	ug/L	1,700	-99	0,270	-99	-99	-99	-99	
Dissolved Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Total Thallium	Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dissolved Zinc	Comp	EPA200.8	50.00	ug/L	68,900	639,000	64,200	23,600	47,200	9,060	-99	
Total Zinc	Comp	EPA200.8	50.00	ug/L	435,000	803,000	135,000	58,100	169,000	15,300	22,100	
Semi-Volatiles Organics (EPA 625)												
2-Chloropheno	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-dichloropheno	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-dimethylpheno	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-dinitrophen	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2-nitrophen	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-nitrophen	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-chloro-3-methylpheno	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Pentachloropheno	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Phenol	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4,6-trichloropheno	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	

Appendix B. 2006-2007 Sampling Results for North Fork Coyote Creek

Tributary Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry		
					TS17	TS17	TS17	TS17	TS17	TS17	TS17	
					North Fork Coyote Creek 2006-07Event03 12/09/2006	North Fork Coyote Creek 2006-07Event06 02/10/2007	North Fork Coyote Creek 2006-07Event07 02/19/2007	North Fork Coyote Creek 2006-07Event08 02/22/2007	North Fork Coyote Creek 2006-07Event09 02/27/2007	North Fork Coyote Creek 2006-07Event01 10/31/2006	North Fork Coyote Creek 2006-07Event15 04/09/2007	
Sample Type					EPA Method	PQL	Units					
Base/Neutral												
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2 Benzantracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
3,4 Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Chloroisopropyl)ethe	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Chloroethyl)ethe	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-Bromophenyl phenyl ethe	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
2-Chloroethyl vinyl ethe	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-Chlorophenyl phenyl ethe	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,6 Dinitro-2-methylpheno	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Chlorinated Pesticides												
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Polychlorinated Biphenyls												
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	

Appendix B. 2006-2007 Sampling Results for North Fork Coyote Creek

Tributary Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry		
					TS17	TS17	TS17	TS17	TS17	TS17	TS17	TS17
					North Fork Coyote Creek	North Fork Coyote Creek	North Fork Coyote Creek	North Fork Coyote Creek	North Fork Coyote Creek	North Fork Coyote Creek	North Fork Coyote Creek	North Fork Coyote Creek
					2006-07Event03 12/09/2006	2006-07Event06 02/10/2007	2006-07Event07 02/19/2007	2006-07Event08 02/22/2007	2006-07Event09 02/27/2007	2006-07Event01 10/31/2006	2006-07Event15 04/09/2007	
					Sample Type	EPA Method	PQL	Units				
Organohosphate Pesticides												
Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Diazinon	Comp	EPA507	0.01	ug/L	-99	-99	-99	-99	0.016	-99	-99	
Prometryn	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Atrazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Simazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Cyanazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Malathion	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Herbicides												
Glyphosate	Comp	EPA547	25.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-D	Comp	EPA515.3	10.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Other												
Ammonia	Comp	SW4000-NH3	0.1	mg/L	0.860	0.250	0.110	-99	0.710	0.160	0.170	
Endrin ketone	Comp	EPA625	0.1	ug/L	-99	-99	-99	-99	-99	-99	-99	
Methoxychlor	Comp	EPA608	0.5	ug/L	-99	-99	-99	-99	-99	-99	-99	

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedance

Appendix B. 2006-2007 Sampling Results for Storm Drain 21 (Artesia-Norwalk Drain)

Tributary Monitoring

WEATHER CONDITION STATION NO. STATION NAME					Wet					Dry		
					TS18 SD 21 (Artesia- Norwalk Drain) 2006-07Event03 12/09/2006	TS18 SD 21 (Artesia- Norwalk Drain) 2006-07Event06 02/10/2007	TS18 SD 21 (Artesia- Norwalk Drain) 2006-07Event07 02/19/2007	TS18 SD 21 (Artesia- Norwalk Drain) 2006-07Event08 02/22/2007	TS18 SD 21 (Artesia- Norwalk Drain) 2006-07Event09 02/27/2007	TS18 SD 21 (Artesia- Norwalk Drain) 2006-07Event01 10/31/2006	TS18 SD 21 (Artesia- Norwalk Drain) 2006-07Event15 04/09/2007	
EVENT CODE	DATE	Sample Type	EPA Method	PQL	Units							
Conventional												
Oil and Grease		Grab	EPA413.1	1	mg/L	-99		1.800	-99	2.200	-99	-99
Total Phenols		Grab	EPA420.1	0.10	mg/L	-99		-99	-99	-99	-99	-99
Cyanide		Grab	EPA335.2	0.01	mg/L	-99		0.007	-99	-99	-99	-99
pH		Comp	SM4500H B	0-14		7.480	8.050	7.740	7.910	7.370	8.220	8.050
Dissolved Oxygen		Grab	SM4500O G	1.00	mg/L	9.060		8.120	8.240	8.730	16.720	10.800
Indicator Bacteria												
Total Coliform		Grab	SM9230B	20.00	MPN/100ml	160,000,000		500,000,000	240,000,000	240,000,000	500,000,000	160,000,000
Fecal Coliform		Grab	SM9230B	20.00	MPN/100ml	16,000,000		17,000,000	1,100,000	24,000,000	24,000,000	700,000
Ratio Fecal Coliform/Total Coliform						0.100		0.034	0.005	0.100	0.048	0.004
Streptococcus		Grab	SM9230B	20.00	MPN/100ml	240,000,000		50,000,000	240,000,000	160,000,000	220,000	220,000
Enterococcus		Grab	SM9230B		MPN/100ml	240,000,000		50,000,000	240,000,000	160,000,000	80,000	220,000
General												
Chloride		Comp	EPA300.0	2.00	mg/L	32.300	89.500	22.500	33.500	41.200	118.000	180.000
Fluoride		Comp	EPA300.0	0.10	mg/L	0.340	0.637	0.271	0.470	0.407	0.610	0.650
Nitrate		Comp	EPA300.0	0.10	mg/L	3.140	-99	-99	-99	-99	2.580	-99
Sulfate		Comp	EPA300.0	0.10	mg/L	49.100	88.400	26.100	46.000	47.700	168.000	243.000
Alkalinity		Comp	EPA310.1	4.00	mg/L	184.800	165.000	94.600	117.700	100.100	217.800	168.300
Hardness		Comp	EPA130.2	2.00	mg/L	190.000	220.000	110.000	140.000	110.000	235.000	200.000
COD		Comp	EPA410.4	10.00	mg/L	111.000	46.460	72.050	55.740	53.990	55.790	26.286
Total Petroleum Hydrocarbons		Grab	EPA418.1	1.00	mg/L	-99		1.000	-99	2.500	-99	-99
Specific Conductance		Comp	EPA120.1	1.00	umhos/cm	476.000	658.000	334.000	462.000	464.000	1265.000	1090.000
Total Dissolved Solids		Comp	EPA160.1	2.00	mg/L	250.000	364.000	196.000	272.000	278.000	734.000	636.000
Turbidity		Comp	EPA180.1	0.10	NTU	3.440	15.200	3.780	1.300	1.650	2.800	3.190
Total Suspended Solids		Comp	EPA160.2	2.00	mg/L	41154.000	1145.000	494.000	29.000	66.000	58.000	14.000
Volatile Suspended Solids		Comp	EPA160.4	1.00	mg/L	13928.000	185.000	95.000	5.000	29.000	20.000	8.000
MBAS		Comp	EPA425.1	0.05	mg/L	0.409	0.092	0.178	0.180	0.181	0.059	0.065
Total Organic Carbon		Comp	EPA415.1	1.00	mg/L	32.700	10.400	19.800	19.500	16.500	7.170	8.420
BOD		Comp	SM5210B	2.00	mg/L	22.500	17.300	22.800	-99	18.600	12.600	9.800
Methyl Tertiary Butyl Ether (MTBE)		Grab	EPA624	1.00	ug/L	-99		-99	-99	-99	-99	-99
Nutrients												
Dissolved Phosphorus		Comp	EPA365.3	0.05	mg/L	0.388	0.062	0.084	0.179	0.237	0.082	0.130
Total Phosphorus		Comp	EPA365.3	0.05	mg/L	1.620	0.767	0.715	0.286	0.798	0.392	0.180
NH ₃ -N		Comp	EPA350.3	0.10	mg/L	2.070	0.440	1.630	0.190	0.900	0.420	1.560
Nitrate - N		Comp	SM4110B	0.50	mg/L	0.709	-99	-99	-99	-99	0.583	-99
Nitrite - N		Comp	SM4110B	0.03	mg/L	0.097	-99	0.162	0.090	-99	0.082	-99
Kjeldahl-N		Comp	EPA351.4	0.10	mg/L	122.000	13.900	6.200	2.320	3.320	2.180	3.040
Metals												
Dissolved Aluminum		Comp	EPA200.8	100.00	ug/L	186.000	-99	-99	-99	-99	-99	-99
Total Aluminum		Comp	EPA200.8	100.00	ug/L	2360.000	15700.000	9450.000	819.000	1480.000	194.000	-99
Dissolved Antimony		Comp	EPA200.8	5.00	ug/L	1.240	2.060	3.030	5.690	3.170	1.630	1.660
Total Antimony		Comp	EPA200.8	5.00	ug/L	8.540	5.200	5.840	6.720	4.730	1.810	1.750
Dissolved Arsenic		Comp	EPA200.8	5.00	ug/L	151.000	21.100	8.440	14.100	9.010	13.800	18.400
Total Arsenic		Comp	EPA200.8	5.00	ug/L	635.000	126.000	63.200	18.100	14.500	15.100	22.600
Dissolved Barium		Comp	EPA200.8	10.00	ug/L	172.000	46.300	43.900	30.900	32.600	62.900	41.200
Total Barium		Comp	EPA200.8	10.00	ug/L	2040.000	417.000	204.000	51.500	75.000	75.600	49.500
Dissolved Beryllium		Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Beryllium		Comp	EPA200.8	1.00	ug/L	0.650	-99	-99	-99	-99	-99	-99
Dissolved Cadmium		Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Cadmium		Comp	EPA200.8	1.00	ug/L	7.370	0.820	0.620	-99	-99	-99	-99
Dissolved Chromium		Comp	EPA200.8	5.00	ug/L	3.040	1.480	1.400	1.610	2.820	4.650	2.020
Total Chromium		Comp	EPA200.8	5.00	ug/L	54.100	22.700	14.600	2.410	3.690	5.480	2.510
Dissolved Chromium +6		Comp	EPA200.8	10.00	ug/L	-99	0.410	-99	-99	-99	-99	-99
Total Chromium +6		Comp	EPA200.8	10.00	ug/L	-99	0.410	-99	-99	-99	-99	-99
Dissolved Copper		Comp	EPA200.8	5.00	ug/L	8.580	7.580	5.600	15.500	13.800	7.280	5.510
Total Copper		Comp	EPA200.8	5.00	ug/L	715.000	135.000	85.600	33.000	44.300	30.100	27.200
Dissolved Iron		Comp	EPA200.8	100.00	ug/L	8830.000	681.000	258.000	-99	159.000	139.000	-99
Total Iron		Comp	EPA200.8	100.00	ug/L	132000.000	24500.000	14800.000	963.000	2185.000	880.000	378.000
Dissolved Lead		Comp	EPA200.8	5.00	ug/L	15.600	1.150	0.560	-99	-99	0.880	-99
Total Lead		Comp	EPA200.8	5.00	ug/L	620.000	81.200	57.700	3.520	15.700	3.340	1.480
Dissolved Mercury		Comp	EPA200.8	1.00	ug/L	0.926	-99	-99	-99	-99	-99	-99
Total Mercury		Comp	EPA200.8	1.00	ug/L	0.926	-99	-99	-99	-99	-99	-99
Dissolved Nickel		Comp	EPA200.8	5.00	ug/L	5.100	2.840	4.260	3.700	4.370	3.390	2.690
Total Nickel		Comp	EPA200.8	5.00	ug/L	81.500	24.800	17.500	5.840	6.920	4.320	3.430
Dissolved Selenium		Comp	EPA200.8	5.00	ug/L	-99	3.250	-99	-99	-99	7.010	1.740
Total Selenium		Comp	EPA200.8	5.00	ug/L	5.280	3.940	1.050	1.060	-99	7.450	2.550
Dissolved Silver		Comp	EPA200.8	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Silver		Comp	EPA200.8	1.00	ug/L	1.020	-99	-99	-99	-99	-99	-99
Dissolved Thallium		Comp	EPA200.8	5.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Total Thallium		Comp	EPA200.8	5.00	ug/L	0.530	-99	-99	-99	-99	-99	-99
Dissolved Zinc		Comp	EPA200.8	50.00	ug/L	79.200	34.000	10.800	12.900	39.900	22.800	41.800
Total Zinc		Comp	EPA200.8	50.00	ug/L	3340.000	683.000	448.000	56.200	142.000	38.900	65.700
Semi-Volatiles Organics (EPA 625)												
2-Chlorophenol		Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dichlorophenol		Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dimethylphenol		Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4-dinitrophenol		Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2-nitrophenol		Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-nitrophenol		Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
4-chloro-3-methylphenol		Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Pentachlorophenol		Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99
Phenol		Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99
2,4,6-trichlorophenol		Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99

Appendix B. 2006-2007 Sampling Results for Storm Drain 21 (Artesia-Norwalk Drain)

Tributary Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry		
					TS18	TS18	TS18	TS18	TS18	TS18	TS18	TS18
					SD 21 (Artesia-Norwalk Drain) 2006-07Event03 12/09/2006	SD 21 (Artesia-Norwalk Drain) 2006-07Event06 02/10/2007	SD 21 (Artesia-Norwalk Drain) 2006-07Event07 02/19/2007	SD 21 (Artesia-Norwalk Drain) 2006-07Event08 02/22/2007	SD 21 (Artesia-Norwalk Drain) 2006-07Event09 02/27/2007	SD 21 (Artesia-Norwalk Drain) 2006-07Event01 10/31/2006	SD 21 (Artesia-Norwalk Drain) 2006-07Event15 04/09/2007	
Sample Type												
EPA Method												
PQL												
Units												
Base/Neutral												
Acenaphthene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Acenaphthylene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Anthracene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2-Benzanthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzo(a)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzo(g,h,i)perylene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
3,4-Benzofluoranthene	Comp	EPA625	2.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Benzo(k)fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Chloroethoxy)methane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Chloroisopropyl)ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Chloroethyl)ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Bis(2-Ethylhexyl)phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-Bromophenyl phenyl ether	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Butyl benzyl phthalate	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
2-Chloroethyl vinyl ether	Grab	EPA624	2.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
2-Chloronaphthalene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4-Chlorophenyl phenyl ether	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Chrysene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dibenzo(a,h)anthracene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,3-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,4-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2-Dichlorobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
3,3-Dichlorobenzidine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Diethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dimethyl phthalate	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
di-n-Butyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,4-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
2,6-Dinitrotoluene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,6-Dinitro-2-methylphenol	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2-Diphenylhydrazine	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
di-n-Octyl phthalate	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Fluoranthene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Fluorene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachlorobutadiene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachloro-cyclopentadiene	Comp	EPA625	3.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Hexachloroethane	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Indeno (1,2,3-cd)pyrene	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Isophorone	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Naphthalene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Nitrobenzene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
N-Nitroso-dimethyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
N-Nitroso-diphenyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
N-Nitroso-di-n-propyl amine	Comp	EPA625	0.30	ug/L	-99	-99	-99	-99	-99	-99	-99	
Phenanthrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Pyrene	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
1,2,4-Trichlorobenzene	Comp	EPA625	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Chlorinated Pesticides												
Aldrin	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
alpha-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
beta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
delta-BHC	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Gamma-BHC (Lindane)	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
alpha-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
gamma-chlordane	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Chlordane	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,4'-DDD	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,4'-DDE	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
4,4'-DDT	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Dieldrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endosulfan I [alpha]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endosulfan II [beta]	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endosulfan sulfate	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endrin	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Endrin aldehyde	Comp	EPA625	0.10	ug/L	-99	-99	-99	-99	-99	-99	-99	
Heptachlor	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Heptachlor Epoxide	Comp	EPA625	0.05	ug/L	-99	-99	-99	-99	-99	-99	-99	
Toxaphene	Comp	EPA625	1.00	ug/L	-99	-99	-99	-99	-99	-99	-99	
Polychlorinated Biphenyls												
Aroclor-1016	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1221	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1232	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1242	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1248	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1254	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	
Aroclor-1260	Comp	EPA608	0.50	ug/L	-99	-99	-99	-99	-99	-99	-99	

Appendix B. 2006-2007 Sampling Results for Storm Drain 21 (Artesia-Norwalk Drain)

Tributary Monitoring

WEATHER CONDITION STATION NO. STATION NAME EVENT CODE DATE					Wet					Dry	
					TS18	TS18	TS18	TS18	TS18	TS18	TS18
					SD 21 (Artesia-Norwalk Drain)	SD 21 (Artesia-Norwalk Drain)	SD 21 (Artesia-Norwalk Drain)	SD 21 (Artesia-Norwalk Drain)	SD 21 (Artesia-Norwalk Drain)	SD 21 (Artesia-Norwalk Drain)	SD 21 (Artesia-Norwalk Drain)
					2006-07Event03 12/09/2006	2006-07Event06 02/10/2007	2006-07Event07 02/19/2007	2006-07Event08 02/22/2007	2006-07Event09 02/27/2007	2006-07Event01 10/31/2006	2006-07Event15 04/09/2007
					Sample Type	EPA Method	PQL	Units			
Organohosphate Pesticides											
	Chlorpyrifos	Comp	EPA507	0.05	ug/L	-99	-99	-99	-99	-99	-99
	Diazinon	Comp	EPA507	0.01	ug/L	-99	-99	-99	-99	-99	-99
	Prometryn	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
	Atrazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
	Simazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
	Cyanazine	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
	Malathion	Comp	EPA507	2.00	ug/L	-99	-99	-99	-99	-99	-99
Herbicides											
	Glyphosate	Comp	EPA547	25.00	ug/L	-99	-99	-99	-99	-99	-99
	2,4-D	Comp	EPA515.3	10.00	ug/L	-99	-99	-99	-99	-99	-99
	2,4,5-TP-SILVEX	Comp	EPA515.3	1.00	ug/L	-99	-99	-99	-99	-99	-99
Other											
	Ammonia	Comp	SM4500-NH3 F	0.1	mg/L	2.510	0.530	1.970	0.230	1.090	0.510 1.890
	Endrin ketone	Comp	EPA625	0.1	ug/L	-99	-99	-99	-99	-99	-99
	Methoxychlor	Comp	EPA608	0.5	ug/L	-99	-99	-99	-99	-99	-99

Note:

- 1) blank cell indicates sample was not analyzed
- 2) -99 indicates concentration below minimum detection level
- 3) PQL = minimum level
- 4) Highlighted cells show exceedances