Group	Parameter	Units	Table 4-4.1. Ballona Creek at Sawtelle Blvd. Dry & Wet Weather Exceedance Summary									
			Ballona Creek at Sawtelle Blvd. S01 2013-2014Dry					Ballona Creek at Sawtelle Blvd. S01 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	576	102(0.5-203.5)	2	0	1	576	30760(6310-47200)	5	**4**	5
Bacteria	Fecal Coliform	MPN/100mL		155(10-300)	2	0	1		160000(17000-500000)	5	0	5
Bacteria	Fecal Enterococcus	MPN/100mL		45(10-80)	2	0	1		220000(35000-2400000)	5	0	5
Bacteria	Fecal Streptococcus	MPN/100mL		120(10-230)	2	0	1		900000(160000-2400000)	5	0	5
Bacteria	Total Coliform	MPN/100mL		120005(10-240000)	2	0	1		500000(160000-1700000)	5	0	5
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	4	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	4	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	4	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	4	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	4	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	4	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	4	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	4	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Conventionals	Cyanide	mg/L	0.022	0.0025(0.0025-0.0025)	2	0	0	0.022	0.0025(0.0025-0.0025)	5	0	0
Conventionals	Dissolved Oxygen	mg/L	5	9.805(6.81-12.8)	2	0	2	5	9.31(4.62-9.8)	5	**1**	5
Conventionals	Oil and Grease	mg/L		0.36(0-0.72)	2	0	0		0(0-7.83)	5	0	2
Conventionals	pH	pH units	6.5-8.5	8.12(8.11-8.13)	2	0	2	6.5-8.5	6.75(6.52-7.31)	4	0	4
General	Alkalinity as CaCO3	mg/L		254.5(251-258)	2	0	2		86(29-149)	4	0	4
General	Ammonia	mg/L	6.95-6.95	0.5445(0.254-0.835)	2	0	2	26.2-48.8	0.4355(0.169-1)	4	0	4
General	BioChemical Oxygen Demand	mg/L		2.305(2.17-2.44)	2	0	2		20.3(7.28-35.7)	4	0	4
General	Chemical Oxygen Demand	mg/L		5(5-5)	2	0	0		65.5(28-83)	4	0	4
General	Chloride	mg/L		150.5(127-174)	2	0	2		40.1(10.8-71.3)	4	0	4
General	Dissolved Phosphorus	mg/L		0.1705(0.14-0.201)	2	0	2		0.295(0.24-0.46)	4	0	4
General	Fluoride	mg/L		0.5355(0.46-0.611)	2	0	2		0.4055(0.113-0.57)	4	0	4
General	Hardness as CaCO3	mg/L		425(420-430)	2	0	2		132.5(45-235)	4	0	4
General	Kjeldahl-N	mg/L		1.48(0.96-2)	2	0	2		1.68(0.88-3.04)	4	0	4
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	5	0	0
General	Methylene Blue Active	mg/L		0(0-0)	2	0	0		0.75(0.66-3.56)	4	0	4
General	NH3-N	mg/L		0.45(0.21-0.69)	2	0	2		0.36(0.14-0.83)	4	0	4
General	Nitrate (NO3)	mg/L	45	6.86(6.81-6.91)	2	0	2	45	4.795(2.5-9.55)	4	0	4
General	Nitrate-N	mg/L	10	1.55(1.54-1.56)	2	0	2	10	1.0845(0.565-2.16)	4	0	4
General	Nitrite-N	mg/L	1	0.02105(0.005-0.0371)	2	0	1	1	0.08245(0.0544-0.15)	4	0	4
General	Phosphorus- Total (as P)	mg/L		0.192(0.18-0.204)	2	0	2		0.385(0.26-0.52)	4	0	4
General	Specific Conductance	umhos/cm		1260(1220-1300)	2	0	2		397.5(102-688)	4	0	4
General	Sulfate	mg/L		194.5(189-200)	2	0	2		43.15(10.2-97.1)	4	0	4
General	Total Dissolved Solids	mg/L		751(628-874)	2	0	2		290(96-480)	4	0	4
General	Total Organic Carbon	mg/L		4.435(3.28-5.59)	2	0	2		19.85(7.94-53.5)	4	0	4
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0-0.75)	5	0	0
General	Total Suspended Solids	mg/L		23(4-42)	2	0	2		367(231-702)	5	0	5
General	Turbidity	NTU		2.285(2.17-2.4)	2	0	2		12.95(12.6-28.2)	4	0	4
General	Volatile Suspended Sol	mg/L		8.5(2-15)	2	0	2		115(70-166)	4	0	4
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	4	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	4	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-2.5)	4	0	0

Group	Parameter	Units	Table 4-4.1. Ballona Creek at Sawtelle Blvd. Dry & Wet Weather Exceedance Summary									
			Ballona Creek at Sawtelle Blvd. S01 2013-2014Dry					Ballona Creek at Sawtelle Blvd. S01 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		131(0-262)	2	0	1		1425(1000-2340)	4	0	4
Metals	Dissolved Antimony	ug/L		0.476(0-0.952)	2	0	1		2.81(1.52-3.22)	4	0	4
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	1.065(0-2.13)	2	0	1	340	2.145(1.5-3.1)	4	0	4
Metals	Dissolved Barium	ug/L		76.65(72.7-80.6)	2	0	2		85.95(72.4-111)	4	0	4
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0-0.05)	4	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	0.05(0.05-0.05)	2	0	0	1.8-10.8	0.608(0.477-0.94)	4	0	4
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	3.65(2.84-4.46)	2	0	2	285.3-1104.8	5.755(3.98-7.72)	4	0	4
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0(0-0)	2	0	0	44.2-230.8	0.0625(0-0.125)	4	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	11.985(7.67-16.3)	2	0	2	6.3-30	62.15(48.4-94.7)	4	**4**	4
Metals	Dissolved Iron	ug/L		214(0-428)	2	0	1		1990(1330-3640)	4	0	4
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	2.618(0.936-4.3)	2	0	2	26.8-161.5	34.2(23.5-47.8)	4	**1**	4
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	4.885(4.67-5.1)	2	0	2	238.3-964.7	7.94(5.87-12.7)	4	0	4
Metals	Dissolved Selenium	ug/L		2.795(2.74-2.85)	2	0	2		0.125(0-1.6)	4	0	1
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	0.9-15	0.05(0.05-0.05)	4	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	42.4(29.6-55.2)	2	0	2	59.6-241.7	345(284-535)	4	**4**	4
Metals	Aluminum	ug/L		756.5(263-1250)	2	0	2		8115(5700-11000)	4	0	4
Metals	Antimony	ug/L		1.1525(0.685-1.62)	2	0	2		6.74(6.14-7.13)	4	0	4
Metals	Arsenic	ug/L		2.47(2.27-2.67)	2	0	2		2.935(2.87-4.42)	4	0	4
Metals	Barium	ug/L		102.05(92.1-112)	2	0	2		152.5(127-233)	4	0	4
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	4	0	0
Metals	Cadmium	ug/L		0.05(0.05-0.05)	2	0	0		0.814(0.62-1.25)	4	0	4
Metals	Chromium	ug/L		3.955(3.34-4.57)	2	0	2		15.85(11.2-24.4)	4	0	4
Metals	Chromium +6	ug/L		0(0-0)	2	0	0		0.0625(0-0.125)	4	0	0
Metals	Copper	ug/L		16.235(9.37-23.1)	2	0	2		105.95(80.6-170)	4	0	4
Metals	Iron	ug/L		1043.5(287-1800)	2	0	2		10525(7080-14800)	4	0	4
Metals	Lead	ug/L		3.6(1.07-6.13)	2	0	2		49.45(34.9-70)	4	0	4
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals	Nickel	ug/L		6.735(6.43-7.04)	2	0	2		14.75(13.3-21.1)	4	0	4
Metals	Selenium	ug/L		2.95(2.81-3.09)	2	0	2		1.225(0.25-1.97)	4	0	3
Metals	Silver	ug/L		0.025(0-0.05)	2	0	0		0.952(0.878-1.1)	4	0	4
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.025(0-0.05)	4	0	0
Metals	Zinc	ug/L		98.05(44.1-152)	2	0	2		516.5(374-715)	4	0	4
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	4	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	4	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	4	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	4	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	4-Chloro-3-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	Pentachlorophenol	ug/L	26.6-27.2	0.335(0.335-0.335)	2	0	0	5.4-11.9	0.335(0-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Acid)	Phenolics- Total recoverable	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	5	0	0

Group	Parameter	Units	Table 4-4.1. Ballona Creek at Sawtelle Blvd. Dry & Wet Weather Exceedance Summary									
			Ballona Creek at Sawtelle Blvd. S01 2013-2014Dry					Ballona Creek at Sawtelle Blvd. S01 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	5	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0

* Field measurements fused in analysis for 2013-14Event13.

** Field measurements used in analysis for 2013-14Event13 and 2013-14Event15.

Group	Parameter	Units	Table 4-4.2. Malibu Creek at Piuma Rd. Dry & Wet Weather Exceedance Summary									
			Malibu Creek at Piuma Rd. S02 2013-2014Dry					Malibu Creek at Piuma Rd. S02 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	7.75(0.5-15)	2	0	1	235	445.65(214.3-677)	2	1	2
Bacteria	Fecal Coliform	MPN/100mL		10(10-10)	2	0	0		2400(2400-2400)	2	0	2
Bacteria	Fecal Enterococcus	MPN/100mL		10(10-10)	2	0	0		1205(10-2400)	2	0	1
Bacteria	Fecal Streptococcus	MPN/100mL		70(10-130)	2	0	1		2400(2400-2400)	2	0	2
Bacteria	Total Coliform	MPN/100mL		2505(10-5000)	2	0	1		12500(9000-16000)	2	0	2
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	2	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	2	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	2	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	2	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	2	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	2	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	2	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	2	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Conventionals	Cyanide	mg/L	0.022	0.0025(0.0025-0.0025)	2	0	0	0.022	0.00425(0.0025-0.006)	2	0	1
Conventionals	Dissolved Oxygen	mg/L	7	6.065(4.2-7.93)	2	1	2	7	9.46(8.22-10.7)*	2	0	2
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0.72(0.72-0.72)	2	0	0
Conventionals	pH	pH units	6.5-8.5	7.55(7.46-7.64)	2	0	2	6.5-8.5	7.285(7.12-7.45)*	2	0	2
General	Alkalinity as CaCO3	mg/L		170.5(161-180)	2	0	2		135(119-151)	2	0	2
General	Ammonia	mg/L	11.4-13.3	0.2785(0.218-0.339)	2	0	2	13.3	0.484(0.254-0.714)	2	0	2
General	BioChemical Oxygen Demand	mg/L		1.255(0.5-2.01)	2	0	1		3.89(2.75-5.03)	2	0	2
General	Chemical Oxygen Demand	mg/L		0(0-0)	2	0	0		11.5(0-23)	2	0	1
General	Chloride	mg/L	500	183(179-187)	2	0	2	500	155(129-181)	2	0	2
General	Dissolved Phosphorus	mg/L		1.215(0.92-1.51)	2	0	2		0.9(0.3-1.5)	2	0	2
General	Fluoride	mg/L		0.597(0.529-0.665)	2	0	2		0.5015(0.3-0.703)	2	0	2
General	Hardness as CaCO3	mg/L		592.5(585-600)	2	0	2		510(505-515)	2	0	2
General	Kjeldahl-N	mg/L		1.26(1.24-1.28)	2	0	2		0.94(0.76-1.12)	2	0	2
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
General	Methylene Blue Active	mg/L		0(0-0)	2	0	0		0(0-0)	2	0	0
General	NH3-N	mg/L		0.23(0.18-0.28)	2	0	2		0.4(0.21-0.59)	2	0	2
General	Nitrate (NO3)	mg/L	45	25.15(24.3-26)	2	0	2	45	22.93(6.36-39.5)	2	0	2
General	Nitrate-N	mg/L	10	5.68(5.48-5.88)	2	0	2	10	5.175(1.44-8.91)	2	0	2
General	Nitrite-N	mg/L	1	0.005(0.005-0.005)	2	0	0	1	0.0025(0-0.005)	2	0	0
General	Phosphorus- Total (as P)	mg/L		1.29(1.05-1.53)	2	0	2		0.94(0.35-1.53)	2	0	2
General	Specific Conductance	umhos/cm		1780(1770-1790)	2	0	2		1467.5(1295-1640)*	2	0	2
General	Sulfate	mg/L	500	478(459-497)	2	0	2	500	428.5(418-439)	2	0	2
General	Total Dissolved Solids	mg/L	2000	1280(1270-1290)	2	0	2	2000	1115(1020-1210)	2	0	2
General	Total Organic Carbon	mg/L		5.51(5.41-5.61)	2	0	2		9.395(6.99-11.8)	2	0	2
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0.75-0.75)	2	0	0
General	Total Suspended Solids	mg/L		4.5(0-9)	2	0	1		152(6-298)	2	0	2
General	Turbidity	NTU		0.81(0.53-1.09)	2	0	2		257.385(0.67-514.1)*	2	0	2
General	Volatile Suspended Sol	mg/L		3.25(0.5-6)	2	0	1		29.5(6-53)	2	0	2
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	2	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	2	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-2.5)	2	0	0

Group	Parameter	Units	Table 4-4.2. Malibu Creek at Piuma Rd. Dry & Wet Weather Exceedance Summary									
			Malibu Creek at Piuma Rd. S02 2013-2014Dry					Malibu Creek at Piuma Rd. S02 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		25(25-25)	2	0	0		596(142-1050)	2	0	2
Metals	Dissolved Antimony	ug/L		0(0-0)	2	0	0		0.3365(0-0.673)	2	0	1
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	0.625(0-1.25)	2	0	1	340	1.83(1.08-2.58)	2	0	2
Metals	Dissolved Barium	ug/L		33.3(30.5-36.1)	2	0	2		40.9(35.4-46.4)	2	0	2
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	0(0-0)	2	0	0	19.1-19.1	1.228(0.306-2.15)	2	0	2
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	1.325(1.24-1.41)	2	0	2	1707.9-1707.9	3.185(2.66-3.71)	2	0	2
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0.125(0.125-0.125)	2	0	0	392.8-392.8	0.125(0.125-0.125)	2	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	4.83(4.6-5.06)	2	0	2	49.6-49.6	9.33(8.06-10.6)	2	0	2
Metals	Dissolved Iron	ug/L		12.5(0-25)	2	0	0		1271.5(233-2310)	2	0	2
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	0.05(0-0.1)	2	0	0	280.9-280.9	1.61(0-3.22)	2	0	1
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	7.815(7.54-8.09)	2	0	2	1512.9-1512.9	12.475(9.45-15.5)	2	0	2
Metals	Dissolved Selenium	ug/L		3.33(1.85-4.81)	2	0	2		4.815(4.25-5.38)	2	0	2
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	37.4-37.4	0.05(0.05-0.05)	2	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	32.95(28.7-37.2)	2	0	2	379.3-379.3	56.55(50-63.1)	2	0	2
Metals	Aluminum	ug/L		106.5(103-110)	2	0	2		3579(408-6750)	2	0	2
Metals	Antimony	ug/L		0.34(0-0.68)	2	0	1		1.1255(0.671-1.58)	2	0	2
Metals	Arsenic	ug/L		1.93(1.91-1.95)	2	0	2		2.535(2.4-2.67)	2	0	2
Metals	Barium	ug/L		45.25(41.3-49.2)	2	0	2		76(46-106)	2	0	2
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.025(0-0.05)	2	0	0
Metals	Cadmium	ug/L		0.1405(0-0.281)	2	0	1		1.6785(0.397-2.96)	2	0	2
Metals	Chromium	ug/L		2.145(1.76-2.53)	2	0	2		8.52(3.04-14)	2	0	2
Metals	Chromium +6	ug/L		0.125(0.125-0.125)	2	0	0		0.125(0.125-0.125)	2	0	0
Metals	Copper	ug/L		7.645(5.99-9.3)	2	0	2		16.35(11.5-21.2)	2	0	2
Metals	Iron	ug/L		152(135-169)	2	0	2		5627.5(555-10700)	2	0	2
Metals	Lead	ug/L		0.482(0.1-0.864)	2	0	1		3.224(0.528-5.92)	2	0	2
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals	Nickel	ug/L		10.75(10.5-11)	2	0	2		20.15(12.5-27.8)	2	0	2
Metals	Selenium	ug/L		3.435(1.89-4.98)	2	0	2		5.96(4.89-7.03)	2	0	2
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0.025(0-0.05)	2	0	0
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.025(0-0.05)	2	0	0
Metals	Zinc	ug/L		87.7(59.4-116)	2	0	2		91.6(65.2-118)	2	0	2
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	2	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	2	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	2	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	2	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Semivolatile Organic Compounds (Acid)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Acid)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Acid)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Acid)	4-Chloro-3-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Acid)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Acid)	Pentachlorophenol	ug/L	13.9-16.6	0.335(0.335-0.335)	2	0	0	13.7-14	0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Acid)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Acid)	Phenolics- Total recoverable	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	2	0	0

Group	Parameter	Units	Table 4-4.2. Malibu Creek at Piuma Rd. Dry & Wet Weather Exceedance Summary									
			Malibu Creek at Piuma Rd. S02 2013-2014Dry					Malibu Creek at Piuma Rd. S02 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0

* Field measurements fused in analysis for 2013-14Event13.

** Field measurements used in analysis for 2013-14Event13 and 2013-14Event15.

Group	Parameter	Units	Table 4-4.3. Los Angeles River at Wardlow Dry & Wet Weather Exceedance Summary									
			Los Angeles at Wardlow Rd. S10 2013-2014Dry					Los Angeles at Wardlow Rd. S10 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	100.95(0.5-201.4)	2	0	1	235	27065(3255-137600)	4	**2**	4
Bacteria	Fecal Coliform	MPN/100mL		255(10-500)	2	0	1		137500(9000-900000)	4	0	4
Bacteria	Fecal Enterococcus	MPN/100mL		120(10-230)	2	0	1		125000(2400-300000)	4	0	4
Bacteria	Fecal Streptococcus	MPN/100mL		155(10-300)	2	0	1		125000(2400-500000)	4	0	4
Bacteria	Total Coliform	MPN/100mL		255(10-500)	2	0	1		2620000(35000-9000000)	4	0	4
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	4	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	4	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	4	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	4	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	4	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	4	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	4	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	4	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Conventionals	Cyanide	mg/L	0.022	0.00475(0.0025-0.007)	2	0	1	0.022	0.009(0.0025-0.03)	4	**1**	3
Conventionals	Dissolved Oxygen	mg/L	5	11.05(7.5-14.6)	2	0	2	5	8.615(5.74-17.3)	4	0	4
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0(0-0.72)	4	0	0
Conventionals	pH	pH units		8.615(8.54-8.69)	2	**2**	2	6.5-8.5	6.93(6.45-7.36)	4	**1**	4
General	Alkalinity as CaCO3	mg/L		159(139-179)	2	0	2		75(28-129)	4	0	4
General	Ammonia	mg/L	2.2-3.2	0.4415(0.375-0.508)	2	0	2	23-48.8	0.454(0.182-0.823)	4	0	4
General	BioChemical Oxygen Demand	mg/L		5.25(4.77-5.73)	2	0	2		18.05(5.88-26.1)	4	0	4
General	Chemical Oxygen Demand	mg/L		10.5(0-21)	2	0	1		54(0-87)	4	0	3
General	Chloride	mg/L	150	127.5(117-138)	2	0	2	150	37.85(10.6-77.7)	4	0	4
General	Dissolved Phosphorus	mg/L		0.205(0.12-0.29)	2	0	2		0.425(0.19-0.51)	4	0	4
General	Fluoride	mg/L		0.5795(0.472-0.687)	2	0	2		0.443(0.119-0.549)	4	0	4
General	Hardness as CaCO3	mg/L		232.5(225-240)	2	0	2		116.5(50-170)	4	0	4
General	Kjeldahl-N	mg/L		2.92(2.12-3.72)	2	0	2		1.46(0.6-4.32)	4	0	4
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
General	Methylene Blue Active	mg/L		0(0-0)	2	0	0		0.69(0.53-0.85)	4	0	4
General	NH3-N	mg/L		0.365(0.31-0.42)	2	0	2		0.375(0.15-0.68)	4	0	4
General	Nitrate (NO3)	mg/L	45	10.44(9.98-10.9)	2	0	2	45	8.5(2.93-12.6)	4	0	4
General	Nitrate-N	mg/L	10	2.35(2.25-2.45)	2	0	2	10	1.915(0.66-2.83)	4	0	4
General	Nitrite-N	mg/L	1	0.2119(0.0608-0.363)	2	0	2	1	0.175(0.0404-0.583)	4	0	4
General	Phosphorus- Total (as P)	mg/L		0.235(0.14-0.33)	2	0	2		0.4785(0.23-0.58)	4	0	4
General	Specific Conductance	umhos/cm		957(929-985)	2	0	2		396(154-711)	4	0	4
General	Sulfate	mg/L	350	143(143-143)	2	0	2	350	48.6(13.8-83.8)	4	0	4
General	Total Dissolved Solids	mg/L	1500	610(594-626)	2	0	2	1500	279(106-436)	4	0	4
General	Total Organic Carbon	mg/L		10.125(7.65-12.6)	2	0	2		15.2(6.69-31.4)	4	0	4
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0-0.75)	4	0	0
General	Total Suspended Solids	mg/L		14(5-23)	2	0	2		191(26-693)	6	0	6
General	Turbidity	NTU		1.815(1.73-1.9)	2	0	2		14.65(11.8-17.6)	4	0	4
General	Volatile Suspended Sol	mg/L		9(4-14)	2	0	2		90.5(17-194)	4	0	4
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	4	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	4	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-9.5)	4	0	1

Group	Parameter	Units	Table 4-4.3. Los Angeles River at Wardlow Dry & Wet Weather Exceedance Summary									
			Los Angeles at Wardlow Rd. S10 2013-2014Dry					Los Angeles at Wardlow Rd. S10 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		25(25-25)	2	0	0		1810(274-2820)	4	0	4
Metals	Dissolved Antimony	ug/L		0.982(0.954-1.01)	2	0	2		2.3(1.26-2.83)	4	0	4
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	1.335(1.26-1.41)	2	0	2	340	2.315(1.33-3.5)	4	0	4
Metals	Dissolved Barium	ug/L		46.95(43.4-50.5)	2	0	2		86.05(35.5-172)	4	0	4
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0.05)	4	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	10.3-11	0.05(0.05-0.05)	2	0	0	2-7.6	1.1435(0-1.81)	4	0	3
Metals-CMCCCC	Dissolved Chromium	ug/L	1066.1-1124	1.171(0.922-1.42)	2	0	2	311-847.4	4.95(2.51-7.57)	4	0	4
Metals-CMCCCC	Dissolved Chromium +6	ug/L	221-235.7	0.0625(0-0.125)	2	0	0	49.1-166.9	0.0625(0-0.125)	4	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	28.8-30.6	8.965(8.68-9.25)	2	0	2	7-22.1	56.65(24.2-92)	4	**4**	4
Metals	Dissolved Iron	ug/L		0(0-0)	2	0	0		3010(360-5750)	4	0	4
Metals-CMCCCC	Dissolved Lead	ug/L	154.2-165.1	0.864(0.688-1.04)	2	0	2	30.1-114.5	27.35(9.72-71)	4	0	4
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals-CMCCCC	Dissolved Nickel	ug/L	929.8-982	6.085(5.2-6.97)	2	0	2	260.5-733.5	11.515(6.58-16.4)	4	0	4
Metals	Dissolved Selenium	ug/L		1.935(1.68-2.19)	2	0	2		0.25(0-1.21)	4	0	1
Metals-CMCCCC	Dissolved Silver	ug/L	13.9-15.6	0.05(0.05-0.05)	2	0	0	1-8.6	0.05(0-0.05)	4	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	232.9-246	38.9(35.9-41.9)	2	0	2	65.1-183.7	384.5(117-988)	4	**4**	4
Metals	Aluminum	ug/L		139.5(105-174)	2	0	2		10125(1530-19700)	4	0	4
Metals	Antimony	ug/L		1.395(1.34-1.45)	2	0	2		5.245(3.75-9.25)	4	0	4
Metals	Arsenic	ug/L		2.09(2.05-2.13)	2	0	2		3.975(1.77-5.39)	4	0	4
Metals	Barium	ug/L		60.55(56.1-65)	2	0	2		186.5(54.7-359)	4	0	4
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0.05)	4	0	0
Metals	Cadmium	ug/L		0.025(0-0.05)	2	0	0		1.538(0-2.47)	4	0	3
Metals	Chromium	ug/L		2.325(2.07-2.58)	2	0	2		19.25(5.86-31.9)	4	0	4
Metals	Chromium +6	ug/L		0.0625(0-0.125)	2	0	0		0.0625(0-0.125)	4	0	0
Metals	Copper	ug/L		11.65(11.2-12.1)	2	0	2		105.9(33.8-217)	4	0	4
Metals	Iron	ug/L		208.5(184-233)	2	0	2		15050(1950-25800)	4	0	4
Metals	Lead	ug/L		1.335(1.03-1.64)	2	0	2		43(13.1-109)	4	0	4
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals	Nickel	ug/L		7.87(6.78-8.96)	2	0	2		22.75(9.34-39.3)	4	0	4
Metals	Selenium	ug/L		1.95(1.71-2.19)	2	0	2		0.98(0-2.26)	4	0	2
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0.551(0-1.4)	4	0	3
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0.05)	4	0	0
Metals	Zinc	ug/L		102.55(71.1-134)	2	0	2		499(197-1180)	4	0	4
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	4	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	4	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	4	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	4	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	4-Chloro-3-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	Pentachlorophenol	ug/L	41-47.7	0.335(0.335-0.335)	2	0	0	5-12.5	0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Acid)	Phenolics- Total recoverable	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	4	0	0

Group	Parameter	Units	Table 4-4.3. Los Angeles River at Wardlow Dry & Wet Weather Exceedance Summary									
			Los Angeles at Wardlow Rd. S10 2013-2014Dry					Los Angeles at Wardlow Rd. S10 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0

* Field measurements fused in analysis for 2013-14Event13.

** Field measurements used in analysis for 2013-14Event13 and 2013-14Event15.

Group	Parameter	Units	Table 4-4.4. Coyote Creek at Spring St. Dry & Wet Weather Exceedance Summary									
			Coyote Creek at Spring St. S13 2013-2014Dry					Coyote Creek at Spring St. S13 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	586.25(0.5-1172)	2	1	1	235	11960(6130-40400)	4	3	4
Bacteria	Fecal Coliform	MPN/100mL		1405(10-2800)	2	0	1		70000(35000-500000)	4	0	4
Bacteria	Fecal Enterococcus	MPN/100mL		120(10-230)	2	0	1		145000(16000-300000)	4	0	4
Bacteria	Fecal Streptococcus	MPN/100mL		705(10-1400)	2	0	1		145000(16000-300000)	4	0	4
Bacteria	Total Coliform	MPN/100mL		45005(10-90000)	2	0	1		240000(220000-900000)	4	0	4
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	4	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	4	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	4	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	4	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	4	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	4	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	4	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	4	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Conventionals	Cyanide	mg/L	0.022	0.0085(0.007-0.01)	2	0	2	0.022	0.0025(0.0025-0.007)	4	0	1
Conventionals	Dissolved Oxygen	mg/L	5	7.565(5.14-9.99)	2	0	2	5	9.45(9.04-11.2)	4	0	4
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0(0-0.72)	4	0	0
Conventionals	pH	pH units	6.5-8.5	8.125(7.88-8.37)	2	0	2	6.5-8.5	6.86(6.41-7.39)	4	1	4
General	Alkalinity as CaCO3	mg/L		235(211-259)	2	0	2		77(41-154)	4	0	4
General	Ammonia	mg/L	3.88-10.1	0.4905(0.303-0.678)	2	0	2	23-48.8	1.7(0.363-2.87)	4	0	4
General	BioChemical Oxygen Demand	mg/L		2.145(0.5-3.79)	2	0	1		11.8(5.01-19.2)	4	0	4
General	Chemical Oxygen Demand	mg/L		14(0-28)	2	0	1		21(0-72)	4	0	2
General	Chloride	mg/L		166.5(143-190)	2	0	2		33.1(14.4-82)	4	0	4
General	Dissolved Phosphorus	mg/L		0.0715(0.06-0.083)	2	0	2		0.175(0.13-0.298)	4	0	4
General	Fluoride	mg/L		0.7395(0.713-0.766)	2	0	2		0.301(0.127-0.581)	4	0	4
General	Hardness as CaCO3	mg/L		610(400-820)	2	0	2		111.5(45-220)	4	0	4
General	Kjeldahl-N	mg/L		2.48(1.44-3.52)	2	0	2		3.1(0.92-5.12)	4	0	4
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
General	Methylene Blue Active	mg/L		0(0-0)	2	0	0		0.61(0.53-0.65)	4	0	4
General	NH3-N	mg/L		0.405(0.25-0.56)	2	0	2		1.405(0.3-2.37)	4	0	4
General	Nitrate (NO3)	mg/L	45	6.65(5.93-7.37)	2	0	2	45	7.505(3.07-10.1)	4	0	4
General	Nitrate-N	mg/L	10	1.5(1.34-1.66)	2	0	2	10	1.695(0.692-2.28)	4	0	4
General	Nitrite-N	mg/L	1	0.0695(0.005-0.134)	2	0	1	1	0.0926(0.0328-0.135)	4	0	4
General	Phosphorus- Total (as P)	mg/L		0.077(0.07-0.084)	2	0	2		0.21(0.15-0.334)	4	0	4
General	Specific Conductance	umhos/cm		1535(1440-1630)	2	0	2		345.5(186-801)	4	0	4
General	Sulfate	mg/L		285.5(259-312)	2	0	2		43.1(19.6-135)	4	0	4
General	Total Dissolved Solids	mg/L		991(892-1090)	2	0	2		243(140-548)	4	0	4
General	Total Organic Carbon	mg/L		7.93(5.16-10.7)	2	0	2		17.85(7.38-26.2)	4	0	4
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0.75-0.75)	4	0	0
General	Total Suspended Solids	mg/L		21.5(6-37)	2	0	2		160(135-359)	7	0	7
General	Turbidity	NTU		3.05(1.67-4.43)	2	0	2		17.4(7.39-24)	4	0	4
General	Volatile Suspended Sol	mg/L		7.5(4-11)	2	0	2		75(45-88)	4	0	4
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	4	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.79)	4	0	1
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		4.8(2.5-7.4)	4	0	2

Group	Parameter	Units	Table 4-4.4. Coyote Creek at Spring St. Dry & Wet Weather Exceedance Summary									
			Coyote Creek at Spring St. S13 2013-2014Dry					Coyote Creek at Spring St. S13 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		12.5(0-25)	2	0	0		1650(440-2620)	4	0	4
Metals	Dissolved Antimony	ug/L		0.9145(0.609-1.22)	2	0	2		2.5(1.32-2.89)	4	0	4
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	3.765(3.43-4.1)	2	0	2	340	2.13(1.58-4.21)	4	0	4
Metals	Dissolved Barium	ug/L		73(70.9-75.1)	2	0	2		100.6(53.7-162)	4	0	4
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.025(0-0.05)	4	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	0.05(0.05-0.05)	2	0	0	1.8-10	0.768(0.504-1.17)	4	0	4
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	2.235(1.51-2.96)	2	0	2	285.3-1046.7	3.98(1.9-8.99)	4	0	4
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0.0625(0-0.125)	2	0	0	44.2-216	0(0-0.125)	4	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	7.93(7.07-8.79)	2	0	2	6.3-28.2	44.95(24.9-72.8)	4	**4**	4
Metals	Dissolved Iron	ug/L		0(0-0)	2	0	0		2440(708-4240)	4	0	4
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	0.8255(0.551-1.1)	2	0	2	26.8-150.6	20.55(10.3-36.8)	4	0	4
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	4.75(4.47-5.03)	2	0	2	238.3-912.3	10.835(5.71-15.1)	4	0	4
Metals	Dissolved Selenium	ug/L		3.515(3.03-4)	2	0	2		0.125(0-1.67)	4	0	1
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	0.9-13.4	0.05(0-0.05)	4	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	19.15(13.4-24.9)	2	0	2	59.6-228.6	330(145-765)	4	**4**	4
Metals	Aluminum	ug/L		257.5(127-388)	2	0	2		10250(3490-14000)	4	0	4
Metals	Antimony	ug/L		1.299(0.888-1.71)	2	0	2		5.72(3.88-10.9)	4	0	4
Metals	Arsenic	ug/L		4.31(3.95-4.67)	2	0	2		3.39(2.41-6.61)	4	0	4
Metals	Barium	ug/L		94.65(94.3-95)	2	0	2		203(89.8-306)	4	0	4
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	4	0	0
Metals	Cadmium	ug/L		0.05(0.05-0.05)	2	0	0		0.982(0.68-1.56)	4	0	4
Metals	Chromium	ug/L		2.71(1.99-3.43)	2	0	2		18.95(8.15-25.7)	4	0	4
Metals	Chromium +6	ug/L		0.0625(0-0.125)	2	0	0		0(0-0.125)	4	0	0
Metals	Copper	ug/L		11.67(8.54-14.8)	2	0	2		89.4(48.3-173)	4	0	4
Metals	Iron	ug/L		311.5(229-394)	2	0	2		13300(4800-19100)	4	0	4
Metals	Lead	ug/L		1.2815(0.783-1.78)	2	0	2		29.65(13.8-55.5)	4	0	4
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals	Nickel	ug/L		6.535(5.83-7.24)	2	0	2		20.85(14.6-29.1)	4	0	4
Metals	Selenium	ug/L		3.74(3.3-4.18)	2	0	2		0.765(0-2.97)	4	0	2
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0.3925(0-0.75)	4	0	3
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0.05)	4	0	0
Metals	Zinc	ug/L		77.35(40.7-114)	2	0	2		500.5(280-940)	4	0	4
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	4	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	4	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	4	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	4	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	4-Chloro-3-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	Pentachlorophenol	ug/L	21.1-34.6	0.335(0.335-0.335)	2	0	0	4.8-12.9	0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Acid)	Phenolics- Total recoverable	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	4	0	0

Group	Parameter	Units	Table 4-4.4. Coyote Creek at Spring St. Dry & Wet Weather Exceedance Summary									
			Coyote Creek at Spring St. S13 2013-2014Dry					Coyote Creek at Spring St. S13 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0

* Field measurements fused in analysis for 2013-14Event13.

** Field measurements used in analysis for 2013-14Event13 and 2013-14Event15.

Group	Parameter	Units	Table 4-4.5. San Gabriel River at SGR Parkway Dry & Wet Weather Exceedance Summary									
			San Gabriel River at SGR Parkway S14 2013-2014Dry					San Gabriel River at SGR Parkway S14 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	0.5(0.5-0.5)	1	0	0	235	6867(6131-14670)	3	**1**	3
Bacteria	Fecal Coliform	MPN/100mL		10(10-10)	1	0	0		240000(16000-300000)	3	0	3
Bacteria	Fecal Enterococcus	MPN/100mL		10(10-10)	1	0	0		22000(13000-50000)	3	0	3
Bacteria	Fecal Streptococcus	MPN/100mL		10(10-10)	1	0	0		22000(14000-50000)	3	0	3
Bacteria	Total Coliform	MPN/100mL		10(10-10)	1	0	0		900000(90000-5000000)	3	0	3
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	1	0	0		0.0055(0.0055-0.0055)	3	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	1	0	0		0.002(0.002-0.002)	3	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	1	0	0	1.1	0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	1	0	0	3	0.002(0.002-0.002)	3	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	1	0	0	0.24	0.001(0.001-0.001)	3	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	1	0	0	0.22	0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	1	0	0	0.22	0.002(0.002-0.002)	3	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	1	0	0		0.025(0.025-0.025)	3	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	1	0	0	0.086	0.003(0.003-0.003)	3	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	1	0	0		0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	1	0	0	0.52	0.0015(0.0015-0.0015)	3	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	1	0	0	0.52	0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	1	0	0		0.25(0.25-0.25)	3	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	1	0	0	0.73	0.12(0.12-0.12)	3	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	1	0	0		0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	1	0	0		0.0165(0.0165-0.0165)	3	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	1	0	0		0.0025(0.0025-0.0025)	3	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	1	0	0		0.0025(0.0025-0.0025)	3	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	1	0	0	0.95	0.002(0.002-0.002)	3	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	1	0	0		0.0165(0.0165-0.0165)	3	0	0
Conventionals	Cyanide	mg/L	0.022	0.014(0.014-0.014)	1	0	1	0.022	0.009(0.0025-0.017)	3	0	2
Conventionals	Dissolved Oxygen	mg/L	5	3.37(3.37-3.37)	1	**1**	1	5	8.52(4.4-10.9)	3	**1**	3
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	1	0	0		0.72(0.72-0.72)	3	0	0
Conventionals	pH	pH units	6.5-8.5	7.8(7.8-7.8)	1	0	1	6.5-8.5	7.1(6.92-7.29)	3	0	3
General	Alkalinity as CaCO3	mg/L		149(149-149)	1	0	1		82(49-100)	3	0	3
General	Ammonia	mg/L	12.1-12.1	0.387(0.387-0.387)	1	0	1	26.2-39.1	0.169(0.169-2.12)	3	0	3
General	BioChemical Oxygen Demand	mg/L		0.5(0.5-0.5)	1	0	0		13.6(7.67-23.9)	3	0	3
General	Chemical Oxygen Demand	mg/L		0(0-0)	1	0	0		34(0-54)	3	0	2
General	Chloride	mg/L	150	151(151-151)	1	**1**	1	150	56.7(26.9-89.4)	3	0	3
General	Dissolved Phosphorus	mg/L		0.2(0.2-0.2)	1	0	1		0.18(0.08-0.25)	3	0	3
General	Fluoride	mg/L		0.374(0.374-0.374)	1	0	1		0.333(0.192-0.383)	3	0	3
General	Hardness as CaCO3	mg/L		300(300-300)	1	0	1		175(110-223)	3	0	3
General	Kjeldahl-N	mg/L		1.2(1.2-1.2)	1	0	1		1.4(1.32-3.64)	3	0	3
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
General	Methylene Blue Active	mg/L		0(0-0)	1	0	0		0.73(0-1.48)	3	0	2
General	NH3-N	mg/L		0.32(0.32-0.32)	1	0	1		0.14(0.14-1.75)	3	0	3
General	Nitrate (NO3)	mg/L	45	20.6(20.6-20.6)	1	0	1	45	13.2(6.1-13.8)	3	0	3
General	Nitrate-N	mg/L	10	4.65(4.65-4.65)	1	0	1	10	2.99(1.38-3.13)	3	0	3
General	Nitrite-N	mg/L	1	0.107(0.107-0.107)	1	0	1	1	0.167(0.0508-0.188)	3	0	3
General	Phosphorus- Total (as P)	mg/L		0.22(0.22-0.22)	1	0	1		0.23(0.09-0.27)	3	0	3
General	Specific Conductance	umhos/cm		1180(1180-1180)	1	0	1		566(315-738)	3	0	3
General	Sulfate	mg/L	300	153(153-153)	1	0	1	300	85.3(36.7-121)	3	0	3
General	Total Dissolved Solids	mg/L	750	342(342-342)	1	0	1	750	374(202-512)	3	0	3
General	Total Organic Carbon	mg/L		6.33(6.33-6.33)	1	0	1		19.6(8.52-20.7)	3	0	3
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	1	0	0		0.75(0.75-0.75)	3	0	0
General	Total Suspended Solids	mg/L		8(8-8)	1	0	1		13(5-108)	5	0	5
General	Turbidity	NTU		3.29(3.29-3.29)	1	0	1		7.21(6.53-24.9)	3	0	3
General	Volatile Suspended Sol	mg/L		2(2-2)	1	0	1		11(6-24)	3	0	3
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	1	0	0		0.0335(0.0335-0.0335)	3	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	1	0	0		0.01(0.01-0.01)	3	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	1	0	0		2.5(2.5-2.5)	3	0	0

Group	Parameter	Units	Table 4-4.5. San Gabriel River at SGR Parkway Dry & Wet Weather Exceedance Summary									
			San Gabriel River at SGR Parkway S14 2013-2014Dry					San Gabriel River at SGR Parkway S14 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		0(0-0)	1	0	0		130(125-481)	3	0	3
Metals	Dissolved Antimony	ug/L		0(0-0)	1	0	0		1.32(1.14-1.85)	3	0	3
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	0(0-0)	1	0	0	340	1.03(0-1.35)	3	0	2
Metals	Dissolved Barium	ug/L		90.9(90.9-90.9)	1	0	1		49.8(44.9-49.8)	3	0	3
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	1	0	0		0.05(0.05-0.05)	3	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	14-14	0.05(0.05-0.05)	1	0	0	4.7-10.2	0.05(0-0.05)	3	0	0
Metals-CMCCCC	Dissolved Chromium	ug/L	1349.4-1349.4	2.05(2.05-2.05)	1	0	1	593.3-1058.3	2.05(1.08-3.89)	3	0	3
Metals-CMCCCC	Dissolved Chromium +6	ug/L	294.6-294.6	0.125(0.125-0.125)	1	0	0	108-219	0.125(0-0.125)	3	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	37.8-37.8	5.17(5.17-5.17)	1	0	1	14.7-28.6	11.8(8.38-14.3)	3	0	3
Metals	Dissolved Iron	ug/L		0(0-0)	1	0	0		228(147-636)	3	0	3
Metals-CMCCCC	Dissolved Lead	ug/L	208.6-208.6	1.33(1.33-1.33)	1	0	1	71.6-152.8	2.15(2.02-8.8)	3	0	3
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	1	0	0		0.05(0.05-0.05)	3	0	0
Metals-CMCCCC	Dissolved Nickel	ug/L	1186.1-1186.1	4.87(4.87-4.87)	1	0	1	507.6-922.8	4.21(3.72-6.71)	3	0	3
Metals	Dissolved Selenium	ug/L		1.91(1.91-1.91)	1	0	1		1.66(0.25-2.39)	3	0	2
Metals-CMCCCC	Dissolved Silver	ug/L	22.8-22.8	0.05(0.05-0.05)	1	0	0	4.1-13.7	0.05(0.05-0.05)	3	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	1	0	0		0.05(0.05-0.05)	3	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	297.2-297.2	57.7(57.7-57.7)	1	0	1	127-231.2	54.1(48.9-62.6)	3	0	3
Metals	Aluminum	ug/L		457(457-457)	1	0	1		695(488-4250)	3	0	3
Metals	Antimony	ug/L		0.765(0.765-0.765)	1	0	1		2.26(1.75-2.58)	3	0	3
Metals	Arsenic	ug/L		1.41(1.41-1.41)	1	0	1		1.72(1.39-1.79)	3	0	3
Metals	Barium	ug/L		121(121-121)	1	0	1		63.2(61.9-92.3)	3	0	3
Metals	Beryllium	ug/L		0.05(0.05-0.05)	1	0	0		0.05(0-0.05)	3	0	0
Metals	Cadmium	ug/L		0.05(0.05-0.05)	1	0	0		0(0-0.276)	3	0	1
Metals	Chromium	ug/L		2.39(2.39-2.39)	1	0	1		4.4(2.51-9.78)	3	0	3
Metals	Chromium +6	ug/L		0.125(0.125-0.125)	1	0	0		0.125(0-0.125)	3	0	0
Metals	Copper	ug/L		6.98(6.98-6.98)	1	0	1		16.4(11.1-25.5)	3	0	3
Metals	Iron	ug/L		476(476-476)	1	0	1		860(755-5700)	3	0	3
Metals	Lead	ug/L		1.84(1.84-1.84)	1	0	1		2.76(2.61-14.1)	3	0	3
Metals	Mercury	ug/L		0.05(0.05-0.05)	1	0	0		0.05(0.05-0.05)	3	0	0
Metals	Nickel	ug/L		6.74(6.74-6.74)	1	0	1		7.7(5.49-9.68)	3	0	3
Metals	Selenium	ug/L		1.97(1.97-1.97)	1	0	1		1.75(0-2.59)	3	0	2
Metals	Silver	ug/L		0.05(0.05-0.05)	1	0	0		0.05(0-0.05)	3	0	0
Metals	Thallium	ug/L		0.05(0.05-0.05)	1	0	0		0.05(0.05-0.05)	3	0	0
Metals	Zinc	ug/L		87.3(87.3-87.3)	1	0	1		101(75.8-123)	3	0	3
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	1	0	0		0.3335(0.3335-0.3335)	3	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	1	0	0		0.01(0.01-0.01)	3	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	1	0	0		0.3335(0.3335-0.3335)	3	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	1	0	0		0.0015(0.0015-0.0015)	3	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L		0.0325(0.0325-0.0325)	1	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L		0.0325(0.0325-0.0325)	1	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L		0.0325(0.0325-0.0325)	1	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L		0.0325(0.0325-0.0325)	1	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L		0.0325(0.0325-0.0325)	1	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L		0.0325(0.0325-0.0325)	1	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L		0.0325(0.0325-0.0325)	1	0	0		0.0325(0.0325-0.0325)	3	0	0
Semivolatile Organic Compounds (Acid)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	1	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	1	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Acid)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Acid)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	1	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Acid)	4-Chloro-3-methylphenol	ug/L		0.5(0.5-0.5)	1	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Acid)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	1	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Acid)	Pentachlorophenol	ug/L	19.5-19.5	0.335(0.335-0.335)	1	0	0	8-11.7	0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Acid)	Phenol	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Acid)	Phenolics- Total recoverable	mg/L		0.015(0.015-0.015)	1	0	0		0.015(0.015-0.015)	3	0	0

Group	Parameter	Units	Table 4-4.5. San Gabriel River at SGR Parkway Dry & Wet Weather Exceedance Summary									
			San Gabriel River at SGR Parkway S14 2013-2014Dry					San Gabriel River at SGR Parkway S14 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	1	0	0		0.25(0.25-0.25)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	1	0	0		0.25(0.25-0.25)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	1	0	0		0.25(0.25-0.25)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	1	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L		0.5(0.5-0.5)	1	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	1	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	1	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	1	0	0		0.0165(0.0165-0.0165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L		0.5(0.5-0.5)	1	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	1	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	1	0	0		0.0085(0.0085-0.0085)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L		0.0165(0.0165-0.0165)	1	0	0		0.0165(0.0165-0.0165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	1	0	0		0.0085(0.0085-0.0085)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	1	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L		0.0335(0.0335-0.0335)	1	0	0		0.0335(0.0335-0.0335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L		0.165(0.165-0.165)	1	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	1	0	0		0.0085(0.0085-0.0085)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L		0.0085(0.0085-0.0085)	1	0	0		0.0085(0.0085-0.0085)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	1	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	1	0	0		1.665(1.665-1.665)	3	0	0

* Field measurements fused in analysis for 2013-14Event13.

** Field measurements used in analysis for 2013-14Event13 and 2013-14Event15.

Group	Parameter	Units	Table 4-4.6. Dominguez Channel at Artesia Blvd. Dry & Wet Weather Exceedance Summary									
			Dominguez Channel at Artesia Blvd. S28 2013-2014Dry					Dominguez Channel at Artesia Blvd. S28 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	443.25(0.5-886)	2	**1**	1	235	16070(6770-33600)	5	**4**	5
Bacteria	Fecal Coliform	MPN/100mL		655(10-1300)	2	0	1		50000(17000-160000)	5	0	5
Bacteria	Fecal Enterococcus	MPN/100mL		155(10-300)	2	0	1		220000(24000-300000)	5	0	5
Bacteria	Fecal Streptococcus	MPN/100mL		155(10-300)	2	0	1		220000(30000-300000)	5	0	5
Bacteria	Total Coliform	MPN/100mL		25005(10-50000)	2	0	1		500000(90000-3000000)	5	0	5
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	4	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	4	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	4	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	4	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	4	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	4	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	4	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	4	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	4	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	4	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Conventionals	Cyanide	mg/L	0.022	0.00775(0.0025-0.013)	2	0	1	0.022	0.0025(0.0025-0.005)	5	0	1
Conventionals	Dissolved Oxygen	mg/L	5	11.165(7.23-15.1)	2	0	2	5	9.92(4.35-10.4)	5	**1**	5
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0(0-6.68)	5	0	1
Conventionals	pH	pH units	6.5-8.5	8.39(8.3-8.48)	2	0	2	6.5-8.5	6.885(6.33-7.49)	4	**1**	4
General	Alkalinity as CaCO3	mg/L		177(173-181)	2	0	2		58(29-135)	4	0	4
General	Ammonia	mg/L	3.2-4.71	0.6115(0.315-0.908)	2	0	2	19.9-48.8	0.9585(0.399-2.23)	4	0	4
General	BioChemical Oxygen Demand	mg/L		3.87(2.45-5.29)	2	0	2		14.5(6.57-47.9)	4	0	4
General	Chemical Oxygen Demand	mg/L		23.5(20-27)	2	0	2		55(0-78)	4	0	3
General	Chloride	mg/L		214(212-216)	2	0	2		26.85(16.2-103)	4	0	4
General	Dissolved Phosphorus	mg/L		0.125(0.12-0.13)	2	0	2		0.225(0.15-0.385)	4	0	4
General	Fluoride	mg/L		0.656(0.585-0.727)	2	0	2		0.3545(0.143-0.503)	4	0	4
General	Hardness as CaCO3	mg/L		362.5(305-420)	2	0	2		77.5(50-190)	4	0	4
General	Kjeldahl-N	mg/L		2.06(1.72-2.4)	2	0	2		3.22(1.08-4.08)	4	0	4
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	5	0	0
General	Methylene Blue Active	mg/L		0.445(0-0.89)	2	0	1		0.885(0.53-3.52)	4	0	4
General	NH3-N	mg/L		0.505(0.26-0.75)	2	0	2		0.79(0.33-1.84)	4	0	4
General	Nitrate (NO3)	mg/L	45	11.1(10.9-11.3)	2	0	2	45	4.275(3.43-8.25)	4	0	4
General	Nitrate-N	mg/L	10	2.5(2.45-2.55)	2	0	2	10	0.965(0.775-1.86)	4	0	4
General	Nitrite-N	mg/L	1	0.02725(0.005-0.0495)	2	0	1	1	0.08265(0-0.109)	4	0	3
General	Phosphorus- Total (as P)	mg/L		0.15(0.15-0.15)	2	0	2		0.26(0.2-0.425)	4	0	4
General	Specific Conductance	umhos/cm		1345(1310-1380)	2	0	2		228(178-703)	4	0	4
General	Sulfate	mg/L		156.5(154-159)	2	0	2		21.15(14.3-48.9)	4	0	4
General	Total Dissolved Solids	mg/L		840(826-854)	2	0	2		186(126-452)	4	0	4
General	Total Organic Carbon	mg/L		9.55(7.8-11.3)	2	0	2		19.2(8.54-41.7)	4	0	4
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0-0.75)	5	0	0
General	Total Suspended Solids	mg/L		28(2-54)	2	0	2		253(149-399)	6	0	6
General	Turbidity	NTU		2.96(2.88-3.04)	2	0	2		14.2(8.98-16.5)	4	0	4
General	Volatile Suspended Sol	mg/L		12(1-23)	2	0	2		77(43-123)	4	0	4
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	4	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.243(0.01-0.915)	4	0	2
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-5.3)	4	0	1

Group	Parameter	Units	Table 4-4.6. Dominguez Channel at Artesia Blvd. Dry & Wet Weather Exceedance Summary									
			Dominguez Channel at Artesia Blvd. S28 2013-2014Dry					Dominguez Channel at Artesia Blvd. S28 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		12.5(0-25)	2	0	0		757.5(540-1200)	4	0	4
Metals	Dissolved Antimony	ug/L		2.02(1.88-2.16)	2	0	2		3.055(2.27-3.94)	4	0	4
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	0.755(0-1.51)	2	0	1	340	1.885(1.13-2.18)	4	0	4
Metals	Dissolved Barium	ug/L		75.65(74.3-77)	2	0	2		72.5(46.6-94.1)	4	0	4
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	14.3-19.1	0.05(0.05-0.05)	2	0	0	2-8.5	0.5205(0.328-0.617)	4	0	4
Metals-CMCCCC	Dissolved Chromium	ug/L	1367.7-1707.9	2.36(2.21-2.51)	2	0	2	311-928.2	3.955(2.47-4.66)	4	0	4
Metals-CMCCCC	Dissolved Chromium +6	ug/L	299.5-392.8	0(0-0)	2	0	0	49.1-186.6	0(0-0.125)	4	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	38.4-49.6	15(13.5-16.5)	2	0	2	7-24.6	61.35(34.9-69.2)	4	**4**	4
Metals	Dissolved Iron	ug/L		0(0-0)	2	0	0		1105(682-1350)	4	0	4
Metals-CMCCCC	Dissolved Lead	ug/L	212.2-280.9	1.0495(0.789-1.31)	2	0	2	30.1-128.9	18.4(10.5-21.8)	4	0	4
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals-CMCCCC	Dissolved Nickel	ug/L	1202.8-1512.9	4.645(4.46-4.83)	2	0	2	260.5-805.9	8(4.2-10.1)	4	0	4
Metals	Dissolved Selenium	ug/L		1.74(1.64-1.84)	2	0	2		0.25(0-1.19)	4	0	1
Metals-CMCCCC	Dissolved Silver	ug/L	23.5-37.4	0.05(0.05-0.05)	2	0	0	1-10.4	0.05(0.05-0.05)	4	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	301.4-379.3	36.9(28.9-44.9)	2	0	2	65.1-201.9	357(218-600)	4	**4**	4
Metals	Aluminum	ug/L		256(177-335)	2	0	2		4310(3000-8080)	4	0	4
Metals	Antimony	ug/L		2.67(2.4-2.94)	2	0	2		6.095(4.99-8.68)	4	0	4
Metals	Arsenic	ug/L		1.85(1.7-2)	2	0	2		2.145(1.63-2.84)	4	0	4
Metals	Barium	ug/L		100.1(95.2-105)	2	0	2		118.5(81.3-143)	4	0	4
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0.05)	4	0	0
Metals	Cadmium	ug/L		0.05(0.05-0.05)	2	0	0		0.6915(0.34-0.788)	4	0	4
Metals	Chromium	ug/L		3.345(2.72-3.97)	2	0	2		10.655(8.07-12.5)	4	0	4
Metals	Chromium +6	ug/L		0(0-0)	2	0	0		0(0-0.125)	4	0	0
Metals	Copper	ug/L		19.3(17.1-21.5)	2	0	2		94(53.8-121)	4	0	4
Metals	Iron	ug/L		313(198-428)	2	0	2		5255(3350-8480)	4	0	4
Metals	Lead	ug/L		1.59(1.04-2.14)	2	0	2		25.55(13.8-31.1)	4	0	4
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals	Nickel	ug/L		6.83(6.36-7.3)	2	0	2		13.05(8.28-16.5)	4	0	4
Metals	Selenium	ug/L		1.96(1.91-2.01)	2	0	2		0.25(0-1.29)	4	0	1
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0.269)	4	0	1
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	4	0	0
Metals	Zinc	ug/L		89.85(56.7-123)	2	0	2		502.5(274-660)	4	0	4
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	4	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	4	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	4	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	4	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	4-Chloro-3-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Acid)	Pentachlorophenol	ug/L	32.2-38.6	0.335(0.335-0.335)	2	0	0	4.4-14.3	0.335(0-0.335)	4	0	0
Semivolatile Organic Compounds (Acid)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Acid)	Phenolics- Total recoverable	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0-0.015)	5	0	0

Group	Parameter	Units	Table 4-4.6. Dominguez Channel at Artesia Blvd. Dry & Wet Weather Exceedance Summary									
			Dominguez Channel at Artesia Blvd. S28 2013-2014Dry					Dominguez Channel at Artesia Blvd. S28 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	5	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	4	0	0

* Field measurements fused in analysis for 2013-14Event13.

** Field measurements used in analysis for 2013-14Event13 and 2013-14Event15.

Group	Parameter	Units	Table 4-4.7. Santa Clara River Dry & Wet Weather Exceedance Summary									
			Santa Clara River S29 2013-2014Dry					Santa Clara River S29 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	13(0.5-25.5)	2	0	1	235	547.5(260.2-4130)	3	**3**	3
Bacteria	Fecal Coliform	MPN/100mL		10(10-10)	2	0	0		3000(300-3000)	3	0	3
Bacteria	Fecal Enterococcus	MPN/100mL		120(10-230)	2	0	1		14000(2400-30000)	3	0	3
Bacteria	Fecal Streptococcus	MPN/100mL		120(10-230)	2	0	1		14000(5000-30000)	3	0	3
Bacteria	Total Coliform	MPN/100mL		655(10-1300)	2	0	1		16000(5000-24000)	3	0	3
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	3	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	3	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	3	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	3	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	3	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	3	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	3	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	3	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	3	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	3	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	3	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	3	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	3	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	3	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	3	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	3	0	0
Conventionals	Cyanide	mg/L	0.022	0.0025(0.0025-0.0025)	2	0	0	0.022	0.0025(0.0025-0.0025)	3	0	0
Conventionals	Dissolved Oxygen	mg/L	5	5.515(3.45-7.58)	2	**1**	2	5	6.31(5.78-7.09)**	3	0	3
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0.72(0.72-0.72)	3	0	0
Conventionals	pH	pH units	6.5-8.5	7.27(7.03-7.51)	2	0	2	6.5-8.5	7.34(7.2-7.41)**	3	0	3
General	Alkalinity as CaCO3	mg/L		208.5(168-249)	2	0	2		224(210-250)	3	0	3
General	Ammonia	mg/L	19.9-36.1	0.218(0.194-0.242)	2	0	2	23-36.1	0.496(0.424-0.69)	3	0	3
General	BioChemical Oxygen Demand	mg/L		0.5(0.5-0.5)	2	0	0		5.33(0.5-9.57)	3	0	2
General	Chemical Oxygen Demand	mg/L		5(5-5)	2	0	0		26(5-30)	3	0	2
General	Chloride	mg/L	150	119.5(118-121)	2	0	2	150	106(91.2-108)	3	0	3
General	Dissolved Phosphorus	mg/L		0.246(0.232-0.26)	2	0	2		0.26(0.24-0.26)	3	0	3
General	Fluoride	mg/L		0.5085(0.487-0.53)	2	0	2		0.495(0.454-0.51)	3	0	3
General	Hardness as CaCO3	mg/L		457.5(435-480)	2	0	2		395(360-457)	3	0	3
General	Kjeldahl-N	mg/L		0.92(0.84-1)	2	0	2		0.72(0.72-1.76)	3	0	3
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
General	Methylene Blue Active	mg/L		0(0-0)	2	0	0		0(0-0.96)	3	0	1
General	NH3-N	mg/L		0.18(0.16-0.2)	2	0	2		0.41(0.35-0.57)	3	0	3
General	Nitrate (NO3)	mg/L	45	5.86(4.49-7.23)	2	0	2	45	6.76(5.34-7.01)	3	0	3
General	Nitrate-N	mg/L	10	1.32(1.01-1.63)	2	0	2	10	1.53(1.21-1.58)	3	0	3
General	Nitrite-N	mg/L	1	0.005(0.005-0.005)	2	0	0	1	0.0456(0-0.0672)	3	0	2
General	Phosphorus- Total (as P)	mg/L		0.2625(0.235-0.29)	2	0	2		0.27(0.26-0.37)	3	0	3
General	Specific Conductance	umhos/cm		1280(1220-1340)	2	0	2		1299(1130-1310)**	3	0	3
General	Sulfate	mg/L	600	251(235-267)	2	0	2	600	213(201-235)	3	0	3
General	Total Dissolved Solids	mg/L	1200	938(938-938)	2	0	2	1200	766(738-874)	3	0	3
General	Total Organic Carbon	mg/L		2.06(1.44-2.68)	2	0	2		8.29(1.87-11.2)	3	0	3
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0.75-0.75)	3	0	0
General	Total Suspended Solids	mg/L		4.25(0.5-8)	2	0	1		27(0.5-209)	3	0	2
General	Turbidity	NTU		0.91(0.33-1.49)	2	0	2		7.52(3.2-23.8)**	3	0	3
General	Volatile Suspended Sol	mg/L		4.25(0.5-8)	2	0	1		8(0.5-46)	3	0	2
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	3	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	3	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-2.5)	3	0	0

Group	Parameter	Units	Table 4-4.7. Santa Clara River Dry & Wet Weather Exceedance Summary									
			Santa Clara River S29 2013-2014Dry					Santa Clara River S29 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		25(25-25)	2	0	0		232(25-1050)	3	0	2
Metals	Dissolved Antimony	ug/L		0.1(0.1-0.1)	2	0	0		0.791(0-1.57)	3	0	2
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	0(0-0)	2	0	0	340	0(0-1.55)	3	0	1
Metals	Dissolved Barium	ug/L		63.75(48.8-78.7)	2	0	2		61.3(54.1-91.6)	3	0	3
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	3	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	0.05(0.05-0.05)	2	0	0	17.1-19.1	0.05(0-0.432)	3	0	1
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	1.14(1.07-1.21)	2	0	2	1566.7-1707.9	3.43(1.13-5.13)	3	0	3
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0.125(0.125-0.125)	2	0	0	353.5-392.8	0.125(0-0.125)	3	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	3.265(3.08-3.45)	2	0	2	44.9-49.6	6.93(2.78-23.9)	3	0	3
Metals	Dissolved Iron	ug/L		12.5(0-25)	2	0	0		476(25-1630)	3	0	2
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	0.1(0.1-0.1)	2	0	0	252-280.9	0.966(0-25.1)	3	0	2
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	3	0	0
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	11.65(11.3-12)	2	0	2	1383.9-1512.9	11.8(10.8-12)	3	0	3
Metals	Dissolved Selenium	ug/L		4(3.54-4.46)	2	0	2		3.41(3.31-4.33)	3	0	3
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	31.2-37.4	0.05(0.05-0.05)	3	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	3	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	20.6(19.5-21.7)	2	0	2	346.9-379.3	24.9(19.5-121)	3	0	3
Metals	Aluminum	ug/L		0(0-0)	2	0	0		1530(0-3950)	3	0	2
Metals	Antimony	ug/L		0(0-0)	2	0	0		1.35(0.521-3.33)	3	0	3
Metals	Arsenic	ug/L		1.605(1.55-1.66)	2	0	2		1.69(1.67-2.16)	3	0	3
Metals	Barium	ug/L		83.65(61.3-106)	2	0	2		74.7(71.9-195)	3	0	3
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0-0.05)	3	0	0
Metals	Cadmium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0-0.531)	3	0	1
Metals	Chromium	ug/L		1.455(1.27-1.64)	2	0	2		4.1(3.71-7.93)	3	0	3
Metals	Chromium +6	ug/L		0.125(0.125-0.125)	2	0	0		0.125(0-0.125)	3	0	0
Metals	Copper	ug/L		5.27(4.41-6.13)	2	0	2		10.4(4.05-35.7)	3	0	3
Metals	Iron	ug/L		71(0-142)	2	0	1		2270(115-4950)	3	0	3
Metals	Lead	ug/L		0.3455(0.1-0.591)	2	0	1		1.8(0-34.9)	3	0	2
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	3	0	0
Metals	Nickel	ug/L		14.35(14.1-14.6)	2	0	2		14.8(14.1-17.4)	3	0	3
Metals	Selenium	ug/L		4.155(3.8-4.51)	2	0	2		4.09(3.59-5.13)	3	0	3
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0.05)	3	0	0
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	3	0	0
Metals	Zinc	ug/L		91.95(44.9-139)	2	0	2		71.5(41.8-162)	3	0	3
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	3	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	3	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	3	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	3	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	3	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	3	0	0
Semivolatile Organic Compounds (Acid)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Acid)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Acid)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Acid)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Acid)	4-Chloro-3-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Acid)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Acid)	Pentachlorophenol	ug/L	9-14.6	0.335(0.335-0.335)	2	0	0	8.6-13.2	0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Acid)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Acid)	Phenolics- Total recoverable	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	3	0	0

Group	Parameter	Units	Table 4-4.7. Santa Clara River Dry & Wet Weather Exceedance Summary									
			Santa Clara River S29 2013-2014Dry					Santa Clara River S29 2013-2014Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	3	0	0
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	3	0	0

* Field measurements fused in analysis for 2013-14Event13.

** Field measurements used in analysis for 2013-14Event13 and 2013-14Event15.