Group	Parameter	Units	Analysis Method	Ballona Creek at Sawtelle Blvd. S01 2013-14Event09 11/21/2013	Ballona Creek at Sawtelle Blvd. S01 2013-14Event10 11/29/2013	Ballona Creek at Sawtelle Blvd. S01 2013-14Event12 12/19/2013	Ballona Creek at Sawtelle Blvd. S01 2013-14Event13 2/27/2014	Ballona Creek at Sawtelle Blvd. S01 2013-14Event15 4/1/2014
Bacteria	E. Coli	MPN/100mL	SM 9223	**46110***	**30500***	**30760***	6310**	**47200***
Bacteria	Fecal Coliform	MPN/100mL	SM9221E	500000	160000	35000	17000	170000
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	900000	160000	2400000	35000	220000
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	900000	160000	2400000	160000	2400000
Bacteria	Total Coliform	MPN/100mL	SM9221B	500000	500000	1700000	160000	500000
Chlorinated Pesticides	4-4'-DDD	ug/L	EPA608	<0.011	<0.011	NS	<0.011	<0.011
Chlorinated Pesticides	4-4'-DDE	ug/L	EPA608	<0.004	<0.004	NS	<0.004	<0.004
Chlorinated Pesticides	4-4'-DDT	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01
Chlorinated Pesticides	Aldrin	ug/L	EPA608	<0.004	<0.004	NS	<0.004	<0.004
Chlorinated Pesticides	Dieldrin	ug/L	EPA608	<0.002	<0.002	NS	<0.002	<0.002
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	EPA608	<0.004	<0.004	NS	<0.004	<0.004
Chlorinated Pesticides	Endosulfan sulfate	ug/L	EPA608	<0.05	<0.05	NS	<0.05	<0.05
Chlorinated Pesticides	Endrin	ug/L	EPA608	<0.006	<0.006	NS	<0.006	<0.006
Chlorinated Pesticides	Endrin aldehyde	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01
Chlorinated Pesticides	Heptachlor	ug/L	EPA608	<0.003	<0.003	NS	<0.003	<0.003
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01
Chlorinated Pesticides	Methoxychlor	ug/L	EPA608	<0.5	<0.5	NS	<0.5	<0.5
Chlorinated Pesticides	Toxaphene	ug/L	EPA608	<0.24	<0.24	NS	<0.24	<0.24
Chlorinated Pesticides	alpha-BHC	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01
Chlorinated Pesticides	alpha-chlordane	ug/L	EPA608	<0.033	<0.033	NS	<0.033	<0.033
Chlorinated Pesticides	beta-BHC	ug/L	EPA608	<0.005	<0.005	NS	<0.005	<0.005
Chlorinated Pesticides	delta-BHC	ug/L	EPA608	<0.005	<0.005	NS	<0.005	<0.005
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	EPA608	<0.004	<0.004	NS	<0.004	<0.004
Chlorinated Pesticides	gamma-chlordane	ug/L	EPA608	<0.033	<0.033	NS	<0.033	<0.033
Conventionals	Cyanide	mg/L	SM4500-CNE	<0.005	<0.005	<0.005	<0.005	<0.005
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	9.41	8.94	9.31	9.8	**4.62***
Conventionals	Oil and Grease	mg/L	EPA1664A	>1.44&<5	6.8	7.83	>1.44&<5	>1.44&<5
Conventionals	pH	pH units	SM4500H B	7.31	6.52	NS	6.9	6.6
General	Alkalinity as CaCO3	mg/L	SM 2320B	149	81	NS	29	91
General	Ammonia	mg/L	SM 4500-NH3 C	0.169	1	NS	0.387	0.484
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	24.5	16.1	NS	7.28	35.7
General	Chemical Oxygen Demand	mg/L	SM5220D	73	58	NS	28	83
General	Chloride	mg/L	EPA300.0	71.3	33.2	NS	10.8	47
General	Dissolved Phosphorus	mg/L	"SM 4500-P E, Di	0.46	0.35	NS	0.24	0.24
General	Fluoride	mg/L	EPA300.0	0.57	0.435	NS	0.113	0.376
General	Hardness as CaCO3	mg/L	SM2340C	235	125	NS	45	140
General	Kjeldahl-N	mg/L	SM4500-NHorg C	1.48	3.04	NS	0.88	1.88
General	Methyl Tertiary Butyl Ether (MTBE)	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33
General	Methylene Blue Active Substances (MBAS)	mg/L	SM5540-C	0.66	0.79	NS	0.71	3.56
General	NH3-N	mg/L	SM 4500-NH3 C	0.14	0.83	NS	0.32	0.4
General	Nitrate (NO3)	mg/L	EPA300.0	9.55	5.48	NS	2.5	4.11
General	Nitrate-N	mg/L	EPA300.0	2.16	1.24	NS	0.565	0.929
General	Nitrite-N	mg/L	EPA300.0	0.15	0.105	NS	0.0544	0.0599
General	Phosphorus- Total (as P)	mg/L	SM4500-PE	0.52	0.48	NS	0.26	0.29
General	Specific Conductance	umhos/cm	SM2510 B	688	372	NS	102	423
General	Sulfate	mg/L	EPA300.0	97.1	41.5	NS	10.2	44.8
General	Total Dissolved Solids	mg/L	SM2540C	480	264	NS	96	316
General	Total Organic Carbon	mg/L	SM 5310	17	22.7	NS	7.94	53.5
General	Total Petroleum Hydrocarbons	mg/L	EPA418.1	<1.5	>1.5&<5	>1.5&<5	<1.5	<1.5
General	Total Suspended Solids	mg/L	SM2540D	367	231	624	702	343
General	Turbidity	NTU	SM2130B	12.6	13.2	NS	12.7	28.2
General	Volatile Suspended Solids	mg/L	SM2540E	104	70	NS	166	126

Group	Parameter	Units	Analysis Method	Ballona Creek at Sawtelle Blvd. S01 2013-14Event09 11/21/2013	Ballona Creek at Sawtelle Blvd. S01 2013-14Event10 11/29/2013	Ballona Creek at Sawtelle Blvd. S01 2013-14Event12 12/19/2013	Ballona Creek at Sawtelle Blvd. S01 2013-14Event13 2/27/2014	Ballona Creek at Sawtelle Blvd. S01 2013-14Event15 4/1/2014
Herbicides	2-4-5-TP-SILVEX	ug/L	EPA515.3	<0.067	<0.067	NS	<0.067	<0.067
Herbicides	2-4-D	ug/L	EPA515.3	<0.02	<0.02	NS	<0.02	<0.02
Herbicides	Glyphosate	ug/L	EPA547	<5	<5	NS	<5	<5
Metals	Dissolved Aluminum	ug/L	EPA200.8	2340	1000	NS	1650	1200
Metals	Dissolved Antimony	ug/L	EPA200.8	2.62	3.22	NS	1.52	3
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA200.8	3.1	2.04	NS	1.5	2.25
Metals	Dissolved Barium	ug/L	EPA200.8	111	72.4	NS	79.5	92.4
Metals	Dissolved Beryllium	ug/L	EPA200.8	>0.1&<0.5	<0.1	NS	<0.1	<0.1
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA200.8	0.94	0.477	NS	0.621	0.595
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA200.8	7.72	3.98	NS	7.33	4.18
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	<0.25	>0.25&<5	NS	>0.25&<5	<0.25
Metals-CMCCCC	Dissolved Copper	ug/L	EPA200.8	**94.7***	**53.9***	NS	**48.4***	**70.4***
Metals	Dissolved Iron	ug/L	EPA200.8	3640	1330	NS	2170	1810
Metals-CMCCCC	Dissolved Lead	ug/L	EPA200.8	39.1	23.5	NS	**47.8***	29.3
Metals	Dissolved Mercury	ug/L	EPA245.1	<0.1	<0.1	NS	<0.1	<0.1
Metals-CMCCCC	Dissolved Nickel	ug/L	EPA200.8	12.7	7.17	NS	5.87	8.71
Metals	Dissolved Selenium	ug/L	EPA200.8	1.6	>0.5&<1	NS	<0.5	>0.5&<1
Metals-CMCCCC	Dissolved Silver	ug/L	EPA200.8	<0.1	<0.1	NS	<0.1	<0.1
Metals	Dissolved Thallium	ug/L	EPA200.8	<0.1	<0.1	NS	<0.1	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA200.8	**535***	**284***	NS	**314***	**376***
Metals	Aluminum	ug/L	EPA200.8	11000	6030	NS	10200	5700
Metals	Antimony	ug/L	EPA200.8	7.06	7.13	NS	6.14	6.42
Metals	Arsenic	ug/L	EPA200.8	4.42	3	NS	2.87	2.87
Metals	Barium	ug/L	EPA200.8	233	127	NS	166	139
Metals	Beryllium	ug/L	EPA200.8	>0.1&<0.5	>0.1&<0.5	NS	>0.1&<0.5	>0.1&<0.5
Metals	Cadmium	ug/L	EPA200.8	1.25	0.62	NS	0.86	0.768
Metals	Chromium	ug/L	EPA200.8	19.5	12.2	NS	24.4	11.2
Metals	Chromium +6	ug/L	EPA218.6	<0.25	>0.25&<5	NS	>0.25&<5	<0.25
Metals	Copper	ug/L	EPA200.8	170	86.9	NS	80.6	125
Metals	Iron	ug/L	EPA200.8	14800	7950	NS	13100	7080
Metals	Lead	ug/L	EPA200.8	59.5	34.9	NS	70	39.4
Metals	Mercury	ug/L	EPA245.1	<0.1	<0.1	NS	<0.1	<0.1
Metals	Nickel	ug/L	EPA200.8	21.1	13.3	NS	15.6	13.9
Metals	Selenium	ug/L	EPA200.8	1.97	1.12	NS	<0.5	1.33
Metals	Silver	ug/L	EPA200.8	1.01	1.1	NS	0.878	0.894
Metals	Thallium	ug/L	EPA200.8	>0.1&<1	<0.1	NS	>0.1&<1	<0.1
Metals	Zinc	ug/L	EPA200.8	715	453	NS	374	580
Organophosphate Pesticides	Atrazine	ug/L	EPA507	<0.667	<0.667	NS	<0.667	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA507	<0.02	<0.02	NS	<0.02	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA507	<0.667	<0.667	NS	<0.667	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA507	<0.003	<0.003	NS	<0.003	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA507	<0.33	<0.33	NS	<0.33	<0.33
Organophosphate Pesticides	Prometryn	ug/L	EPA507	<0.67	<0.67	NS	<0.67	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA507	<0.67	<0.67	NS	<0.67	<0.67
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065
Semivolatile Organic Compounds (Acids)	2-4-6-Trichlorophenol	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Acids)	2-4-Dimethylphenol	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	2-4-Dinitrophenol	ug/L	EPA625	<1	<1	NS	<1	<1
Semivolatile Organic Compounds (Acids)	2-Chlorophenol	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	2-Nitrophenol	ug/L	EPA625	<1	<1	NS	<1	<1
Semivolatile Organic Compounds (Acids)	4-Chloro-3-methylphenol	ug/L	EPA625	<1	<1	NS	<1	<1
Semivolatile Organic Compounds (Acids)	4-Nitrophenol	ug/L	EPA625	<1	<1	NS	<1	<1
Semivolatile Organic Compounds (Acids)	Pentachlorophenol	ug/L	EPA625	<0.67	<0.67	NS	<0.67	>0.67&<2
Semivolatile Organic Compounds (Acids)	Phenol	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Acids)	Phenolics- Total recoverable	mg/L	EPA420.1	<0.03	<0.03	<0.03	<0.03	<0.03

Group	Parameter	Units	Analysis Method	Ballona Creek at Sawtelle Blvd. S01 2013-14Event09 11/21/2013	Ballona Creek at Sawtelle Blvd. S01 2013-14Event10 11/29/2013	Ballona Creek at Sawtelle Blvd. S01 2013-14Event12 12/19/2013	Ballona Creek at Sawtelle Blvd. S01 2013-14Event13 2/27/2014	Ballona Creek at Sawtelle Blvd. S01 2013-14Event15 4/1/2014
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	NS	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	NS	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	NS	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L	EPA625	<1	<1	NS	<1	<1
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L	EPA625	<0.033	<0.033	NS	<0.033	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L	EPA625	<1	<1	NS	<1	<1
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L	EPA625	<0.017	<0.017	NS	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L	EPA625	<0.033	<0.033	NS	<0.033	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L	EPA625	<0.017	<0.017	NS	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L	EPA625	<0.067	<0.067	NS	<0.067	<0.067
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L	EPA625	<0.017	<0.017	NS	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L	EPA625	<0.017	<0.017	NS	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33

NS = Sample not analyzed.
Values reported with a "< "are not detected at the method detection level, and reported as <MDL
Values reported with a "<" and a ">" were detected between the method detection limit and reporting limit, they are reported as >MDL& <RL
*Exceedance of Water Quality Objective
**Not an exceedance due to the High Flow Suspension Basin Plan Amendment (LARQCB 2003).
^ Field measurement

Group	Parameter	Units	Analysis Method	Malibu Creek at Piuma Rd. S02 2013-14Event09 11/21/2013	Malibu Creek at Piuma Rd. S02 2013-14Event13 2/27/2014	Los Angeles River at Wardlow Rd. S10 2013-14Event09 11/21/2013	Los Angeles River at Wardlow Rd. S10 2013-14Event10 11/29/2013	Los Angeles River at Wardlow Rd. S10 2013-14Event12 12/19/2013	Los Angeles River at Wardlow Rd. S10 2013-14Event13 2/27/2014
Bacteria	E. Coli	MPN/100mL	SM 9223	214	**677***	**137600***	43700**	**3255***	10430**
Bacteria	Fecal Coliform	MPN/100mL	SM9221E	2400	2400	900000	240000	9000	35000
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	2400	<20	160000	300000	2400	90000
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	2400	2400	160000	500000	2400	90000
Bacteria	Total Coliform	MPN/100mL	SM9221B	16000	9000	9000000	5000000	35000	240000
Chlorinated Pesticides	4-4'-DDD	ug/L	EPA608	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Chlorinated Pesticides	4-4'-DDE	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	4-4'-DDT	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Aldrin	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	Dieldrin	ug/L	EPA608	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	Endosulfan sulfate	ug/L	EPA608	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorinated Pesticides	Endrin	ug/L	EPA608	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Chlorinated Pesticides	Endrin aldehyde	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Heptachlor	ug/L	EPA608	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Methoxychlor	ug/L	EPA608	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorinated Pesticides	Toxaphene	ug/L	EPA608	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Chlorinated Pesticides	alpha-BHC	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	alpha-chlordane	ug/L	EPA608	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033
Chlorinated Pesticides	beta-BHC	ug/L	EPA608	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorinated Pesticides	delta-BHC	ug/L	EPA608	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	gamma-chlordane	ug/L	EPA608	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033
Conventionals	Cyanide	mg/L	SM4500-CNE	0.006	<0.005	**0.03***	0.006	0.012	<0.005
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	10.7	8.22^	5.74	7.98	17.3	9.25
Conventionals	Oil and Grease	mg/L	EPA1664A	<1.44	<1.44	>1.44&<5	>1.44&<5	<1.44	>1.44&<5
Conventionals	pH	pH units	SM4500H B	7.45	7.12^	7.01	**6.45***	7.36	6.85
General	Alkalinity as CaCO3	mg/L	SM 2320B	151	119	129	47	103	28
General	Ammonia	mg/L	SM 4500-NH3 C	0.714	0.254	0.327	0.823	0.581	0.182
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	2.75	5.03	26.1	13.1	23	5.88
General	Chemical Oxygen Demand	mg/L	SM5220D	23	>10&<20	87	59	49	>10&<20
General	Chloride	mg/L	EPA300.0	181	129	50.4	25.3	77.7	10.6
General	Dissolved Phosphorus	mg/L	"SM 4500-P E, Di	1.5	0.3	0.45	0.51	0.4	0.19
General	Fluoride	mg/L	EPA300.0	0.703	0.3	0.527	0.359	0.549	0.119
General	Hardness as CaCO3	mg/L	SM2340C	515	505	170	70	163	50
General	Kjeldahl-N	mg/L	SM4500-NHorg C	0.76	1.12	1.52	4.32	1.4	0.6
General	Methyl Tertiary Butyl Ether (MTBE)	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
General	Methylene Blue Active Substances (MBAS)	mg/L	SM5540-C	>0.01&<0.5	>0.01&<0.5	0.69	0.85	0.53	0.69
General	NH3-N	mg/L	SM 4500-NH3 C	0.59	0.21	0.27	0.68	0.48	0.15
General	Nitrate (NO3)	mg/L	EPA300.0	39.5	6.36	10.8	6.2	12.6	2.93
General	Nitrate-N	mg/L	EPA300.0	8.91	1.44	2.43	1.4	2.83	0.66
General	Nitrite-N	mg/L	EPA300.0	<0.01	>0.01&<0.03	0.583	0.159	0.191	0.0404
General	Phosphorus- Total (as P)	mg/L	SM4500-PE	1.53	0.35	0.58	0.537	0.42	0.23
General	Specific Conductance	umhos/cm	SM2510 B	1640	1295^	519	273	711	154
General	Sulfate	mg/L	EPA300.0	439	418	68.9	28.3	83.8	13.8
General	Total Dissolved Solids	mg/L	SM2540C	1210	1020	378	180	436	106
General	Total Organic Carbon	mg/L	SM 5310	6.99	11.8	31.4	14.9	15.5	6.69
General	Total Petroleum Hydrocarbons	mg/L	EPA418.1	<1.5	<1.5	>1.5&<5	<1.5	<1.5	<1.5
General	Total Suspended Solids	mg/L	SM2540D	6	298	693	38	410	344
General	Turbidity	NTU	SM2130B	0.67	514.1^	14.7	11.8	14.6	17.6
General	Volatile Suspended Solids	mg/L	SM2540E	6	53	194	17	118	63

Group	Parameter	Units	Analysis Method	Malibu Creek at Piuma Rd. S02 2013-14Event09 11/21/2013	Malibu Creek at Piuma Rd. S02 2013-14Event13 2/27/2014	Los Angeles River at Wardlow Rd. S10 2013-14Event09 11/21/2013	Los Angeles River at Wardlow Rd. S10 2013-14Event10 11/29/2013	Los Angeles River at Wardlow Rd. S10 2013-14Event12 12/19/2013	Los Angeles River at Wardlow Rd. S10 2013-14Event13 2/27/2014
Herbicides	2-4-5-TP-SILVEX	ug/L	EPA515.3	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
Herbicides	2-4-D	ug/L	EPA515.3	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Herbicides	Glyphosate	ug/L	EPA547	<5	<5	<5	9.5	<5	<5
Metals	Dissolved Aluminum	ug/L	EPA200.8	142	1050	2040	274	2820	1580
Metals	Dissolved Antimony	ug/L	EPA200.8	>0.2&<0.5	0.673	2.49	2.83	2.11	1.26
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA200.8	1.08	2.58	3.5	1.73	2.9	1.33
Metals	Dissolved Barium	ug/L	EPA200.8	35.4	46.4	108	35.5	172	64.1
Metals	Dissolved Beryllium	ug/L	EPA200.8	<0.1	<0.1	>0.1&<0.5	<0.1	>0.1&<0.5	>0.1&<0.5
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA200.8	0.306	2.15	1.64	>0.1&<0.25	1.81	0.647
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA200.8	2.66	3.71	7.34	2.51	7.57	2.56
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	<0.25	<0.25	<0.25	>0.25&<5	<0.25	>0.25&<5
Metals-CMCCCC	Dissolved Copper	ug/L	EPA200.8	8.06	10.6	**82.7***	**24.2***	**92***	**30.6***
Metals	Dissolved Iron	ug/L	EPA200.8	233	2310	4370	360	5750	1650
Metals-CMCCCC	Dissolved Lead	ug/L	EPA200.8	>0.2&<0.5	3.22	29.6	9.72	71	25.1
Metals	Dissolved Mercury	ug/L	EPA245.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Nickel	ug/L	EPA200.8	9.45	15.5	15.5	6.58	16.4	7.53
Metals	Dissolved Selenium	ug/L	EPA200.8	4.25	5.38	1.21	<0.5	>0.5&<1	<0.5
Metals-CMCCCC	Dissolved Silver	ug/L	EPA200.8	<0.1	<0.1	<0.1	<0.1	>0.1&<0.25	<0.1
Metals	Dissolved Thallium	ug/L	EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA200.8	50	63.1	**475***	**117***	**988***	**294***
Metals	Aluminum	ug/L	EPA200.8	408	6750	10300	1530	19700	9950
Metals	Antimony	ug/L	EPA200.8	0.671	1.58	6.25	4.24	9.25	3.75
Metals	Arsenic	ug/L	EPA200.8	2.4	2.67	5.2	1.77	5.39	2.75
Metals	Barium	ug/L	EPA200.8	46	106	222	54.7	359	151
Metals	Beryllium	ug/L	EPA200.8	<0.1	>0.1&<0.5	>0.1&<0.5	<0.1	>0.1&<0.5	>0.1&<0.5
Metals	Cadmium	ug/L	EPA200.8	0.397	2.96	2.16	>0.1&<0.25	2.47	0.916
Metals	Chromium	ug/L	EPA200.8	3.04	14	21.1	5.86	31.9	17.4
Metals	Chromium +6	ug/L	EPA218.6	<0.25	<0.25	<0.25	>0.25&<5	<0.25	>0.25&<5
Metals	Copper	ug/L	EPA200.8	11.5	21.2	154	33.8	217	57.8
Metals	Iron	ug/L	EPA200.8	555	10700	16000	1950	25800	14100
Metals	Lead	ug/L	EPA200.8	0.528	5.92	46.3	13.1	109	39.7
Metals	Mercury	ug/L	EPA245.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Nickel	ug/L	EPA200.8	12.5	27.8	26.6	9.34	39.3	18.9
Metals	Selenium	ug/L	EPA200.8	4.89	7.03	2.26	>0.5&<1	1.96	>0.5&<1
Metals	Silver	ug/L	EPA200.8	<0.1	>0.1&<0.25	0.747	>0.1&<0.25	1.4	0.355
Metals	Thallium	ug/L	EPA200.8	<0.1	>0.1&<1	>0.1&<1	<0.1	>0.1&<1	>0.1&<1
Metals	Zinc	ug/L	EPA200.8	65.2	118	620	197	1180	378
Organophosphate Pesticides	Atrazine	ug/L	EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA507	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA507	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA507	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Organophosphate Pesticides	Prometryn	ug/L	EPA507	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA507	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Semivolatile Organic Compounds (Acids)	2-4-6-Trichlorophenol	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Acids)	2-4-Dimethylphenol	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	2-4-Dinitrophenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	2-Chlorophenol	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	2-Nitrophenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	4-Chloro-3-methylphenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	4-Nitrophenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	Pentachlorophenol	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	Phenol	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Acids)	Phenolics- Total recoverable	mg/L	EPA420.1	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03

Group	Parameter	Units	Analysis Method	Malibu Creek at Piuma Rd. S02 2013-14Event09 11/21/2013	Malibu Creek at Piuma Rd. S02 2013-14Event13 2/27/2014	Los Angeles River at Wardlow Rd. S10 2013-14Event09 11/21/2013	Los Angeles River at Wardlow Rd. S10 2013-14Event10 11/29/2013	Los Angeles River at Wardlow Rd. S10 2013-14Event12 12/19/2013	Los Angeles River at Wardlow Rd. S10 2013-14Event13 2/27/2014
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L	EPA625	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L	EPA625	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L	EPA625	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L	EPA625	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33

NS = Sample not analyzed.
Values reported with a "< "are not detected at the method detection level, and reported as <MDL
Values reported with a "<" and a ">" were detected between the method detection limit and reporting limit, they are reported as >MDL& <RL
*Exceedance of Water Quality Objective
**Not an exceedance due to the High Flow Suspension Basin Plan Amendment (LARQCB 2003).
^ Field measurement

Group	Parameter	Units	Analysis Method	Coyote Creek at Spring Street S13 2013-14Event09 11/21/2013	Coyote Creek at Spring Street S13 2013-14Event10 11/29/2013	Coyote Creek at Spring Street S13 2013-14Event12 12/19/2013	Coyote Creek at Spring Street S13 2013-14Event13 2/27/2014	San Gabriel River at SGR Parkway S14 2013-14Event09 11/21/2013	San Gabriel River at SGR Parkway S14 2013-14Event13 2/27/2014	San Gabriel River at SGR Parkway S14 2013-14Event15 4/1/2014
Bacteria	E. Coli	MPN/100mL	SM 9223	**40400***	**12230***	**11690***	6130**	6867**	6131**	**14670***
Bacteria	Fecal Coliform	MPN/100mL	SM9221E	500000	50000	90000	35000	16000	240000	300000
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	160000	130000	300000	16000	22000	13000	50000
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	160000	130000	300000	16000	22000	14000	50000
Bacteria	Total Coliform	MPN/100mL	SM9221B	900000	220000	240000	240000	90000	900000	5000000
Chlorinated Pesticides	4-4'-DDD	ug/L	EPA608	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Chlorinated Pesticides	4-4'-DDE	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	4-4'-DDT	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Aldrin	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	Dieldrin	ug/L	EPA608	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	Endosulfan sulfate	ug/L	EPA608	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorinated Pesticides	Endrin	ug/L	EPA608	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006	<0.006
Chlorinated Pesticides	Endrin aldehyde	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Heptachlor	ug/L	EPA608	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Methoxychlor	ug/L	EPA608	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorinated Pesticides	Toxaphene	ug/L	EPA608	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Chlorinated Pesticides	alpha-BHC	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	alpha-chlordane	ug/L	EPA608	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033
Chlorinated Pesticides	beta-BHC	ug/L	EPA608	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorinated Pesticides	delta-BHC	ug/L	EPA608	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	gamma-chlordane	ug/L	EPA608	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033
Conventionals	Cyanide	mg/L	SM4500-CNE	0.007	<0.005	<0.005	<0.005	0.017	<0.005	0.009
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	9.35	9.55	11.2	9.04	10.9	8.52	**4.4***
Conventionals	Oil and Grease	mg/L	EPA1664A	<1.44	>1.44&<5	>1.44&<5	>1.44&<5	<1.44	<1.44	<1.44
Conventionals	pH	pH units	SM4500H B	7.39	**6.41***	6.82	6.9	7.1	6.92	7.29
General	Alkalinity as CaCO3	mg/L	SM 2320B	154	79	75	41	82	49	100
General	Ammonia	mg/L	SM 4500-NH3 C	2.87	1.5	1.9	0.363	2.12	0.169	0.169
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	19.2	10.6	13	5.01	13.6	7.67	23.9
General	Chemical Oxygen Demand	mg/L	SM5220D	72	42	>10&<20	>10&<20	54	>10&<20	34
General	Chloride	mg/L	EPA300.0	82	29.7	36.5	14.4	56.7	26.9	89.4
General	Dissolved Phosphorus	mg/L	"SM 4500-P E, Di	0.13	0.298	0.16	0.19	0.25	0.18	0.08
General	Fluoride	mg/L	EPA300.0	0.581	0.299	0.303	0.127	0.383	0.192	0.333
General	Hardness as CaCO3	mg/L	SM2340C	220	110	113	45	175	110	223
General	Kjeldahl-N	mg/L	SM4500-NHorg C	5.12	3.56	2.64	0.92	3.64	1.32	1.4
General	Methyl Tertiary Butyl Ether (MTBE)	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
General	Methylene Blue Active Substances (MBAS)	mg/L	SM5540-C	0.53	0.58	0.64	0.65	>0.01&<0.5	0.73	1.48
General	NH3-N	mg/L	SM 4500-NH3 C	2.37	1.24	1.57	0.3	1.75	0.14	0.14
General	Nitrate (NO3)	mg/L	EPA300.0	10.1	6.2	8.81	3.07	13.8	6.1	13.2
General	Nitrate-N	mg/L	EPA300.0	2.28	1.4	1.99	0.692	3.13	1.38	2.99
General	Nitrite-N	mg/L	EPA300.0	0.135	0.0742	0.111	0.0328	0.167	0.0508	0.188
General	Phosphorus- Total (as P)	mg/L	SM4500-PE	0.15	0.334	0.2	0.22	0.27	0.23	0.09
General	Specific Conductance	umhos/cm	SM2510 B	801	333	358	186	566	315	738
General	Sulfate	mg/L	EPA300.0	135	40.3	45.9	19.6	85.3	36.7	121
General	Total Dissolved Solids	mg/L	SM2540C	548	232	254	140	374	202	512
General	Total Organic Carbon	mg/L	SM 5310	26.2	14.6	21.1	7.38	19.6	8.52	20.7
General	Total Petroleum Hydrocarbons	mg/L	EPA418.1	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
General	Total Suspended Solids	mg/L	SM2540D	351	143	240	359	16	108	13
General	Turbidity	NTU	SM2130B	10.8	7.39	24	24	7.21	24.9	6.53
General	Volatile Suspended Solids	mg/L	SM2540E	78	45	88	72	11	24	6

Group	Parameter	Units	Analysis Method	Coyote Creek at Spring Street S13 2013-14Event09 11/21/2013	Coyote Creek at Spring Street S13 2013-14Event10 11/29/2013	Coyote Creek at Spring Street S13 2013-14Event12 12/19/2013	Coyote Creek at Spring Street S13 2013-14Event13 2/27/2014	San Gabriel River at SGR Parkway S14 2013-14Event09 11/21/2013	San Gabriel River at SGR Parkway S14 2013-14Event13 2/27/2014	San Gabriel River at SGR Parkway S14 2013-14Event15 4/1/2014
Herbicides	2-4-5-TP-SILVEX	ug/L	EPA515.3	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
Herbicides	2-4-D	ug/L	EPA515.3	<0.02	<0.02	<0.02	0.79	<0.02	<0.02	<0.02
Herbicides	Glyphosate	ug/L	EPA547	7.1	7.4	<5	<5	<5	<5	<5
Metals	Dissolved Aluminum	ug/L	EPA200.8	2620	440	2340	960	130	481	125
Metals	Dissolved Antimony	ug/L	EPA200.8	2.89	2.36	2.64	1.32	1.85	1.14	1.32
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA200.8	4.21	1.81	2.45	1.58	1.03	1.35	>0.2&<1
Metals	Dissolved Barium	ug/L	EPA200.8	162	53.7	137	64.2	44.9	49.8	49.8
Metals	Dissolved Beryllium	ug/L	EPA200.8	>0.1&<0.5	<0.1	>0.1&<0.5	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA200.8	1	0.504	1.17	0.536	<0.1	>0.1&<0.25	<0.1
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA200.8	8.99	1.94	6.02	1.9	3.89	1.08	2.05
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	<0.25	>0.25&<5	>0.25&<5	>0.25&<5	>0.25&<5	<0.25	<0.25
Metals-CMCCCC	Dissolved Copper	ug/L	EPA200.8	**60.7***	**29.2***	**72.8***	**24.9***	14.3	11.8	8.38
Metals	Dissolved Iron	ug/L	EPA200.8	4240	708	3750	1130	228	636	147
Metals-CMCCCC	Dissolved Lead	ug/L	EPA200.8	26.8	10.3	36.8	14.3	2.15	8.8	2.02
Metals	Dissolved Mercury	ug/L	EPA245.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Nickel	ug/L	EPA200.8	15.1	8.97	12.7	5.71	6.71	3.72	4.21
Metals	Dissolved Selenium	ug/L	EPA200.8	1.67	>0.5&<1	>0.5&<1	<0.5	2.39	<0.5	1.66
Metals-CMCCCC	Dissolved Silver	ug/L	EPA200.8	<0.1	<0.1	>0.1&<0.25	<0.1	<0.1	<0.1	<0.1
Metals	Dissolved Thallium	ug/L	EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA200.8	**505***	**145***	**765***	**155***	54.1	62.6	48.9
Metals	Aluminum	ug/L	EPA200.8	14000	3490	12800	7700	488	4250	695
Metals	Antimony	ug/L	EPA200.8	6.96	4.48	10.9	3.88	2.58	2.26	1.75
Metals	Arsenic	ug/L	EPA200.8	6.61	2.61	4.17	2.41	1.72	1.79	1.39
Metals	Barium	ug/L	EPA200.8	306	89.8	266	140	61.9	92.3	63.2
Metals	Beryllium	ug/L	EPA200.8	>0.1&<0.5	>0.1&<0.5	>0.1&<0.5	>0.1&<0.5	<0.1	>0.1&<0.5	<0.1
Metals	Cadmium	ug/L	EPA200.8	1.23	0.68	1.56	0.734	>0.1&<0.25	0.276	>0.1&<0.25
Metals	Chromium	ug/L	EPA200.8	22.3	8.15	25.7	15.6	4.4	9.78	2.51
Metals	Chromium +6	ug/L	EPA218.6	<0.25	>0.25&<5	>0.25&<5	>0.25&<5	>0.25&<5	<0.25	<0.25
Metals	Copper	ug/L	EPA200.8	130	48.3	173	48.8	16.4	25.5	11.1
Metals	Iron	ug/L	EPA200.8	19100	4800	16500	10100	755	5700	860
Metals	Lead	ug/L	EPA200.8	36.5	13.8	55.5	22.8	2.76	14.1	2.61
Metals	Mercury	ug/L	EPA245.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Nickel	ug/L	EPA200.8	29.1	14.6	25.9	15.8	7.7	9.68	5.49
Metals	Selenium	ug/L	EPA200.8	2.97	>0.5&<1	1.53	>0.5&<1	2.59	>0.5&<1	1.75
Metals	Silver	ug/L	EPA200.8	0.467	>0.1&<0.25	0.75	0.318	<0.1	>0.1&<0.25	<0.1
Metals	Thallium	ug/L	EPA200.8	>0.1&<1	<0.1	>0.1&<1	>0.1&<1	<0.1	<0.1	<0.1
Metals	Zinc	ug/L	EPA200.8	675	326	940	280	101	123	75.8
Organophosphate Pesticides	Atrazine	ug/L	EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA507	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA507	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA507	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Organophosphate Pesticides	Prometryn	ug/L	EPA507	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA507	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065	<0.065
Semivolatile Organic Compounds (Acids)	2-4-6-Trichlorophenol	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Acids)	2-4-Dimethylphenol	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	2-4-Dinitrophenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	2-Chlorophenol	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	2-Nitrophenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	4-Chloro-3-methylphenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	4-Nitrophenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	Pentachlorophenol	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	Phenol	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Acids)	Phenolics- Total recoverable	mg/L	EPA420.1	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03

Group	Parameter	Units	Analysis Method	Coyote Creek at Spring Street S13 2013-14Event09 11/21/2013	Coyote Creek at Spring Street S13 2013-14Event10 11/29/2013	Coyote Creek at Spring Street S13 2013-14Event12 12/19/2013	Coyote Creek at Spring Street S13 2013-14Event13 2/27/2014	San Gabriel River at SGR Parkway S14 2013-14Event09 11/21/2013	San Gabriel River at SGR Parkway S14 2013-14Event13 2/27/2014	San Gabriel River at SGR Parkway S14 2013-14Event15 4/1/2014
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L	EPA625	<1	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L	EPA625	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L	EPA625	<1	<1	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L	EPA625	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L	EPA625	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067	<0.067
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33	<3.33

NS = Sample not analyzed.
Values reported with a "< "are not detected at the method detection level, and reported as <MDL
Values reported with a "<" and a ">" were detected between the method detection limit and reporting limit, they are reported as >MDL& <RL
*Exceedance of Water Quality Objective
**Not an exceedance due to the High Flow Suspension Basin Plan Amendment (LARQCB 2003).
^ Field measurement

Group	Parameter	Units	Analysis Method	Dominguez Channel at Artesia Blvd. S28 2013-14Event09 11/21/2013	Dominguez Channel at Artesia Blvd. S28 2013-14Event10 11/29/2013	Dominguez Channel at Artesia Blvd. S28 2013-14Event12 12/19/2013	Dominguez Channel at Artesia Blvd. S28 2013-14Event13 2/27/2014	Dominguez Channel at Artesia Blvd. S28 2013-14Event15 4/1/2014	Santa Clara River S29 2013-14Event09 11/21/2013	Santa Clara River S29 2013-14Event13 2/27/2014	Santa Clara River S29 2013-14Event15 4/1/2014
Bacteria	E. Coli	MPN/100mL	SM 9223	**16070***	**15530***	**19350***	6770**	**33600***	**4130***	**547***	**260***
Bacteria	Fecal Coliform	MPN/100mL	SM9221E	17000	30000	160000	80000	50000	3000	3000	300
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	240000	220000	160000	24000	300000	30000	14000	2400
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	240000	220000	160000	30000	300000	30000	14000	5000
Bacteria	Total Coliform	MPN/100mL	SM9221B	500000	500000	240000	90000	3000000	5000	16000	24000
Chlorinated Pesticides	4-4'-DDD	ug/L	EPA608	<0.011	<0.011	NS	<0.011	<0.011	<0.011	<0.011	<0.011
Chlorinated Pesticides	4-4'-DDE	ug/L	EPA608	<0.004	<0.004	NS	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	4-4'-DDT	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Aldrin	ug/L	EPA608	<0.004	<0.004	NS	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	Dieldrin	ug/L	EPA608	<0.002	<0.002	NS	<0.002	<0.002	<0.002	<0.002	<0.002
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	EPA608	<0.004	<0.004	NS	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	Endosulfan sulfate	ug/L	EPA608	<0.05	<0.05	NS	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorinated Pesticides	Endrin	ug/L	EPA608	<0.006	<0.006	NS	<0.006	<0.006	<0.006	<0.006	<0.006
Chlorinated Pesticides	Endrin aldehyde	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Heptachlor	ug/L	EPA608	<0.003	<0.003	NS	<0.003	<0.003	<0.003	<0.003	<0.003
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	Methoxychlor	ug/L	EPA608	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
Chlorinated Pesticides	Toxaphene	ug/L	EPA608	<0.24	<0.24	NS	<0.24	<0.24	<0.24	<0.24	<0.24
Chlorinated Pesticides	alpha-BHC	ug/L	EPA608	<0.01	<0.01	NS	<0.01	<0.01	<0.01	<0.01	<0.01
Chlorinated Pesticides	alpha-chlordane	ug/L	EPA608	<0.033	<0.033	NS	<0.033	<0.033	<0.033	<0.033	<0.033
Chlorinated Pesticides	beta-BHC	ug/L	EPA608	<0.005	<0.005	NS	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorinated Pesticides	delta-BHC	ug/L	EPA608	<0.005	<0.005	NS	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	EPA608	<0.004	<0.004	NS	<0.004	<0.004	<0.004	<0.004	<0.004
Chlorinated Pesticides	gamma-chlordane	ug/L	EPA608	<0.033	<0.033	NS	<0.033	<0.033	<0.033	<0.033	<0.033
Conventionals	Cyanide	mg/L	SM4500-CNE	<0.005	<0.005	<0.005	<0.005	0.005	<0.005	<0.005	<0.005
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	10	9.92	10.4	9.21	**4.35***	7.09	5.78^	6.31^
Conventionals	Oil and Grease	mg/L	EPA1664A	>1.44&<5	>1.44&<5	6.68	>1.44&<5	>1.44&<5	<1.44	<1.44	<1.44
Conventionals	pH	pH units	SM4500H B	7.49	**6.33***	NS	6.95	6.82	7.41	7.2^	7.34^
General	Alkalinity as CaCO3	mg/L	SM 2320B	135	51	NS	29	65	224	210	250
General	Ammonia	mg/L	SM 4500-NH3 C	2.23	1.36	NS	0.557	0.399	0.69	0.424	0.496
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	13.3	15.7	NS	6.57	47.9	9.57	5.33	<1
General	Chemical Oxygen Demand	mg/L	SM5220D	61	49	NS	>10&<20	78	26	30	<10
General	Chloride	mg/L	EPA300.0	103	16.2	NS	19.1	34.6	106	91.2	108
General	Dissolved Phosphorus	mg/L	"SM 4500-P E, Di	0.24	0.385	NS	0.21	0.15	0.26	0.26	0.24
General	Fluoride	mg/L	EPA300.0	0.503	0.336	NS	0.143	0.373	0.454	0.51	0.495
General	Hardness as CaCO3	mg/L	SM2340C	190	55	NS	50	100	395	360	457
General	Kjeldahl-N	mg/L	SM4500-NHorg C	4	4.08	NS	1.08	2.44	1.76	0.72	0.72
General	Methyl Tertiary Butyl Ether (MTBE)	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
General	Methylene Blue Active Substances (MBAS)	mg/L	SM5540-C	0.53	0.83	NS	0.94	3.52	>0.01&<0.5	0.96	>0.01&<0.5
General	NH3-N	mg/L	SM 4500-NH3 C	1.84	1.12	NS	0.46	0.33	0.57	0.35	0.41
General	Nitrate (NO3)	mg/L	EPA300.0	8.25	4.25	NS	3.43	4.3	6.76	7.01	5.34
General	Nitrate-N	mg/L	EPA300.0	1.86	0.96	NS	0.775	0.97	1.53	1.58	1.21
General	Nitrite-N	mg/L	EPA300.0	0.0848	0.109	NS	>0.01&<0.03	0.0805	0.0456	0.0672	>0.01&<0.03
General	Phosphorus- Total (as P)	mg/L	SM4500-PE	0.27	0.425	NS	0.25	0.2	0.27	0.37	0.26
General	Specific Conductance	umhos/cm	SM2510 B	703	178	NS	182	274	1130	1310^	1299^
General	Sulfate	mg/L	EPA300.0	48.9	14.3	NS	15.8	26.5	213	201	235
General	Total Dissolved Solids	mg/L	SM2540C	452	148	NS	126	224	766	738	874
General	Total Organic Carbon	mg/L	SM 5310	19.9	18.5	NS	8.54	41.7	8.29	11.2	1.87
General	Total Petroleum Hydrocarbons	mg/L	EPA418.1	<1.5	<1.5	>1.5&<5	<1.5	<1.5	<1.5	<1.5	<1.5
General	Total Suspended Solids	mg/L	SM2540D	149	239	362	267	399	27	209	<1
General	Turbidity	NTU	SM2130B	8.98	16.5	NS	14.2	14.2	7.52	23.8^	3.2^
General	Volatile Suspended Solids	mg/L	SM2540E	43	81	NS	73	123	8	46	<1

Group	Parameter	Units	Analysis Method	Dominguez Channel at Artesia Blvd. S28 2013-14Event09 11/21/2013	Dominguez Channel at Artesia Blvd. S28 2013-14Event10 11/29/2013	Dominguez Channel at Artesia Blvd. S28 2013-14Event12 12/19/2013	Dominguez Channel at Artesia Blvd. S28 2013-14Event13 2/27/2014	Dominguez Channel at Artesia Blvd. S28 2013-14Event15 4/1/2014	Santa Clara River S29 2013-14Event09 11/21/2013	Santa Clara River S29 2013-14Event13 2/27/2014	Santa Clara River S29 2013-14Event15 4/1/2014
Herbicides	2-4-5-TP-SILVEX	ug/L	EPA515.3	<0.067	<0.067	NS	<0.067	<0.067	<0.067	<0.067	<0.067
Herbicides	2-4-D	ug/L	EPA515.3	<0.02	<0.02	NS	0.476	0.915	<0.02	<0.02	<0.02
Herbicides	Glyphosate	ug/L	EPA547	5.3	<5	NS	<5	<5	<5	<5	<5
Metals	Dissolved Aluminum	ug/L	EPA200.8	680	835	NS	540	1200	232	1050	<50
Metals	Dissolved Antimony	ug/L	EPA200.8	2.8	3.94	NS	2.27	3.31	0.791	1.57	>0.2&<0.5
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA200.8	1.9	2.18	NS	1.13	1.87	>0.2&<1	1.55	>0.2&<1
Metals	Dissolved Barium	ug/L	EPA200.8	79	66	NS	46.6	94.1	54.1	91.6	61.3
Metals	Dissolved Beryllium	ug/L	EPA200.8	<0.1	<0.1	NS	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA200.8	0.468	0.617	NS	0.328	0.573	>0.1&<0.25	0.432	<0.1
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA200.8	4.66	3.72	NS	2.47	4.19	3.43	5.13	1.13
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	>0.25&<5	>0.25&<5	NS	>0.25&<5	<0.25	<0.25	>0.25&<5	<0.25
Metals-CMCCCC	Dissolved Copper	ug/L	EPA200.8	**56.9***	**65.8***	NS	**34.9***	**69.2***	6.93	23.9	2.78
Metals	Dissolved Iron	ug/L	EPA200.8	1070	1140	NS	682	1350	476	1630	<50
Metals-CMCCCC	Dissolved Lead	ug/L	EPA200.8	10.5	21.8	NS	15	21.8	0.966	25.1	>0.2&<0.5
Metals	Dissolved Mercury	ug/L	EPA245.1	<0.1	<0.1	NS	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Nickel	ug/L	EPA200.8	8.28	7.72	NS	4.2	10.1	10.8	12	11.8
Metals	Dissolved Selenium	ug/L	EPA200.8	1.19	<0.5	NS	<0.5	>0.5&<1	3.31	3.41	4.33
Metals-CMCCCC	Dissolved Silver	ug/L	EPA200.8	<0.1	<0.1	NS	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Dissolved Thallium	ug/L	EPA200.8	<0.1	<0.1	NS	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA200.8	**266***	**448***	NS	**218***	**600***	24.9	121	19.5
Metals	Aluminum	ug/L	EPA200.8	3390	5230	NS	3000	8080	1530	3950	>50&<100
Metals	Antimony	ug/L	EPA200.8	5.14	8.68	NS	4.99	7.05	1.35	3.33	0.521
Metals	Arsenic	ug/L	EPA200.8	2.01	2.84	NS	1.63	2.28	1.67	2.16	1.69
Metals	Barium	ug/L	EPA200.8	119	118	NS	81.3	143	74.7	195	71.9
Metals	Beryllium	ug/L	EPA200.8	<0.1	>0.1&<0.5	NS	>0.1&<0.5	>0.1&<0.5	<0.1	>0.1&<0.5	<0.1
Metals	Cadmium	ug/L	EPA200.8	0.666	0.788	NS	0.34	0.717	>0.1&<0.25	0.531	<0.1
Metals	Chromium	ug/L	EPA200.8	8.07	11.7	NS	9.61	12.5	4.1	7.93	3.71
Metals	Chromium +6	ug/L	EPA218.6	>0.25&<5	>0.25&<5	NS	>0.25&<5	<0.25	<0.25	>0.25&<5	<0.25
Metals	Copper	ug/L	EPA200.8	75	121	NS	53.8	113	10.4	35.7	4.05
Metals	Iron	ug/L	EPA200.8	4260	6250	NS	3350	8480	2270	4950	115
Metals	Lead	ug/L	EPA200.8	13.8	31.1	NS	20.6	30.5	1.8	34.9	>0.2&<0.5
Metals	Mercury	ug/L	EPA245.1	<0.1	<0.1	NS	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Nickel	ug/L	EPA200.8	12.3	13.8	NS	8.28	16.5	14.8	17.4	14.1
Metals	Selenium	ug/L	EPA200.8	1.29	<0.5	NS	<0.5	>0.5&<1	3.59	4.09	5.13
Metals	Silver	ug/L	EPA200.8	>0.1&<0.25	0.269	NS	>0.1&<0.25	>0.1&<0.25	>0.1&<0.25	<0.1	>0.1&<0.25
Metals	Thallium	ug/L	EPA200.8	<0.1	<0.1	NS	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Zinc	ug/L	EPA200.8	380	625	NS	274	660	71.5	162	41.8
Organophosphate Pesticides	Atrazine	ug/L	EPA507	<0.667	<0.667	NS	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA507	<0.02	<0.02	NS	<0.02	<0.02	<0.02	<0.02	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA507	<0.667	<0.667	NS	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA507	<0.003	<0.003	NS	<0.003	<0.003	<0.003	<0.003	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA507	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Organophosphate Pesticides	Prometryn	ug/L	EPA507	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA507	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065	<0.065	<0.065	<0.065
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L	EPA608	<0.065	<0.065	NS	<0.065	<0.065	<0.065	<0.065	<0.065
Semivolatile Organic Compounds (Acids)	2-4-6-Trichlorophenol	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Acids)	2-4-Dimethylphenol	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	2-4-Dinitrophenol	ug/L	EPA625	<1	<1	NS	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	2-Chlorophenol	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	2-Nitrophenol	ug/L	EPA625	<1	<1	NS	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	4-Chloro-3-methylphenol	ug/L	EPA625	<1	<1	NS	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	4-Nitrophenol	ug/L	EPA625	<1	<1	NS	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Acids)	Pentachlorophenol	ug/L	EPA625	<0.67	<0.67	NS	<0.67	>0.67&<2	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Acids)	Phenol	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Acids)	Phenolics- Total recoverable	mg/L	EPA420.1	<0.03	<0.03	>0.03&<0.1	<0.03	<0.03	<0.03	<0.03	<0.03

Group	Parameter	Units	Analysis Method	Dominguez Channel at Artesia Blvd. S28 2013-14Event09 11/21/2013	Dominguez Channel at Artesia Blvd. S28 2013-14Event10 11/29/2013	Dominguez Channel at Artesia Blvd. S28 2013-14Event12 12/19/2013	Dominguez Channel at Artesia Blvd. S28 2013-14Event13 2/27/2014	Dominguez Channel at Artesia Blvd. S28 2013-14Event15 4/1/2014	Santa Clara River S29 2013-14Event09 11/21/2013	Santa Clara River S29 2013-14Event13 2/27/2014	Santa Clara River S29 2013-14Event15 4/1/2014
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	NS	<0.5	<0.5	<0.5	<0.5	<0.5
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L	EPA625	<1	<1	NS	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L	EPA625	<0.033	<0.033	NS	<0.033	<0.033	<0.033	<0.033	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L	EPA625	<1	<1	NS	<1	<1	<1	<1	<1
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L	EPA625	<0.67	<0.67	NS	<0.67	<0.67	<0.67	<0.67	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L	EPA625	<0.017	<0.017	NS	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L	EPA625	<0.033	<0.033	NS	<0.033	<0.033	<0.033	<0.033	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L	EPA625	<0.017	<0.017	NS	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L	EPA625	<1.67	<1.67	NS	<1.67	<1.67	<1.67	<1.67	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L	EPA625	<0.067	<0.067	NS	<0.067	<0.067	<0.067	<0.067	<0.067
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L	EPA625	<0.33	<0.33	NS	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L	EPA625	<0.017	<0.017	NS	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L	EPA625	<0.017	<0.017	NS	<0.017	<0.017	<0.017	<0.017	<0.017
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33	<3.33	<3.33	<3.33
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L	EPA625	<3.33	<3.33	NS	<3.33	<3.33	<3.33	<3.33	<3.33

NS = Sample not analyzed.
Values reported with a "< "are not detected at the method detection level, and reported as <MDL
Values reported with a "<" and a ">" were detected between the method detection limit and reporting limit, they are reported as >MDL& <RL
*Exceedance of Water Quality Objective
**Not an exceedance due to the High Flow Suspension Basin Plan Amendment (LARQCB 2003).
^ Field measurement

Group	Parameter	Units	Analysis Method	Upper Las Virgenes Creek TS25 2013-14Event09 11/21/2013	Upper Las Virgenes Creek TS25 2013-14Event13 2/27/2014	Cheseboro Canyon TS26 2013-14Event09 11/21/2013	Cheseboro Canyon TS26 2013-14Event13 2/27/2014	Lower Lindero Creek TS27 2013-14Event09 11/21/2013	Lower Lindero Creek TS27 2013-14Event13 2/27/2014
Bacteria	E. Coli	MPN/100mL	SM 9223	**14136***	**7270***	**13960***	**1580***	**4500***	**8130***
Bacteria	Fecal Coliform	MPN/100mL	SM9221E	5000	16000	300000	3000	16000	90000
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	50000	24000	90000	3000	22000	90000
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	50000	24000	90000	17000	22000	90000
Bacteria	Total Coliform	MPN/100mL	SM9221B	30000	16000	300000	30000	35000	90000
Chlorinated Pesticides	4-4'-DDD	ug/L	EPA608	NS	<0.011	NS	<0.011	NS	<0.011
Chlorinated Pesticides	4-4'-DDE	ug/L	EPA608	NS	<0.004	NS	<0.004	NS	<0.004
Chlorinated Pesticides	4-4'-DDT	ug/L	EPA608	NS	<0.01	NS	<0.01	NS	<0.01
Chlorinated Pesticides	Aldrin	ug/L	EPA608	NS	<0.004	NS	<0.004	NS	<0.004
Chlorinated Pesticides	Dieldrin	ug/L	EPA608	NS	<0.002	NS	<0.002	NS	<0.002
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	EPA608	NS	<0.01	NS	<0.01	NS	<0.01
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	EPA608	NS	<0.004	NS	<0.004	NS	<0.004
Chlorinated Pesticides	Endosulfan sulfate	ug/L	EPA608	NS	<0.05	NS	<0.05	NS	<0.05
Chlorinated Pesticides	Endrin	ug/L	EPA608	NS	<0.006	NS	<0.006	NS	<0.006
Chlorinated Pesticides	Endrin aldehyde	ug/L	EPA608	NS	<0.01	NS	<0.01	NS	<0.01
Chlorinated Pesticides	Heptachlor	ug/L	EPA608	NS	<0.003	NS	<0.003	NS	<0.003
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	EPA608	NS	<0.01	NS	<0.01	NS	<0.01
Chlorinated Pesticides	Methoxychlor	ug/L	EPA608	NS	<0.5	NS	<0.5	NS	<0.5
Chlorinated Pesticides	Toxaphene	ug/L	EPA608	NS	<0.24	NS	<0.24	NS	<0.24
Chlorinated Pesticides	alpha-BHC	ug/L	EPA608	NS	<0.01	NS	<0.01	NS	<0.01
Chlorinated Pesticides	alpha-chlordane	ug/L	EPA608	NS	<0.033	NS	<0.033	NS	<0.033
Chlorinated Pesticides	beta-BHC	ug/L	EPA608	NS	<0.005	NS	<0.005	NS	<0.005
Chlorinated Pesticides	delta-BHC	ug/L	EPA608	NS	<0.005	NS	<0.005	NS	<0.005
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	EPA608	NS	<0.004	NS	<0.004	NS	<0.004
Chlorinated Pesticides	gamma-chlordane	ug/L	EPA608	NS	<0.033	NS	<0.033	NS	<0.033
Conventionals	Cyanide	mg/L	SM4500-CNE	<0.005	<0.005	0.011	<0.005	<0.005	<0.005
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	17.4	9.76^	11.7	9.64^	13	9.6^
Conventionals	Oil and Grease	mg/L	EPA1664A	<1.44	<1.44	<1.44	<1.44	<1.44	<1.44
Conventionals	pH	pH units	SM4500H B	NS	7.88^	NS	7.69^	NS	7.99^
General	Alkalinity as CaCO3	mg/L	SM 2320B	NS	81	NS	61	NS	95
General	Ammonia	mg/L	SM 4500-NH3 C	NS	1.05	NS	0.823	NS	0.145
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	NS	8.21	NS	7.11	NS	6.99
General	Chemical Oxygen Demand	mg/L	SM5220D	NS	108	NS	30	NS	>10&<20
General	Chloride	mg/L	EPA300.0	NS	67.3	NS	18.1	NS	97.8
General	Dissolved Phosphorus	mg/L	"SM 4500-P E, Di	NS	0.43	NS	0.28	NS	0.11
General	Fluoride	mg/L	EPA300.0	NS	0.219	NS	0.182	NS	0.308
General	Hardness as CaCO3	mg/L	SM2340C	NS	230	NS	125	NS	370
General	Kjeldahl-N	mg/L	SM4500-NHorg C	NS	1.92	NS	1.16	NS	1.08
General	Methyl Tertiary Butyl Ether (MTBE)	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
General	Methylene Blue Active Substances (MBAS)	mg/L	SM5540-C	NS	>0.01&<0.5	NS	0.82	NS	>0.01&<0.5
General	NH3-N	mg/L	SM 4500-NH3 C	NS	0.87	NS	0.68	NS	0.12
General	Nitrate (NO3)	mg/L	EPA300.0	NS	4.26	NS	3.4	NS	2.21
General	Nitrate-N	mg/L	EPA300.0	NS	0.962	NS	0.768	NS	0.5
General	Nitrite-N	mg/L	EPA300.0	NS	0.0404	NS	0.0635	NS	>0.01&<0.03
General	Phosphorus- Total (as P)	mg/L	SM4500-PE	NS	0.54	NS	0.33	NS	0.2
General	Specific Conductance	umhos/cm	SM2510 B	NS	286^	NS	181^	NS	1795^
General	Sulfate	mg/L	EPA300.0	NS	142	NS	62.3	NS	329
General	Total Dissolved Solids	mg/L	SM2540C	NS	462	NS	248	NS	774
General	Total Organic Carbon	mg/L	SM 5310	NS	7.05	NS	12.9	NS	8.38
General	Total Petroleum Hydrocarbons	mg/L	EPA418.1	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
General	Total Suspended Solids	mg/L	SM2540D	NS	448	NS	1480	NS	183
General	Turbidity	NTU	SM2130B	NS	19.3^	NS	19.2^	NS	24.9^
General	Volatile Suspended Solids	mg/L	SM2540E	NS	71	NS	245	NS	86

Group	Parameter	Units	Analysis Method	Upper Las Virgenes Creek TS25 2013-14Event09 11/21/2013	Upper Las Virgenes Creek TS25 2013-14Event13 2/27/2014	Cheseboro Canyon TS26 2013-14Event09 11/21/2013	Cheseboro Canyon TS26 2013-14Event13 2/27/2014	Lower Lindero Creek TS27 2013-14Event09 11/21/2013	Lower Lindero Creek TS27 2013-14Event13 2/27/2014
Herbicides	2-4-5-TP-SILVEX	ug/L	EPA515.3	NS	<0.067	NS	<0.067	NS	<0.067
Herbicides	2-4-D	ug/L	EPA515.3	NS	<0.02	NS	<0.02	NS	<0.02
Herbicides	Glyphosate	ug/L	EPA547	NS	<5	NS	<5	NS	<5
Metals	Dissolved Aluminum	ug/L	EPA200.8	NS	1400	NS	1690	NS	367
Metals	Dissolved Antimony	ug/L	EPA200.8	NS	0.725	NS	1.01	NS	0.785
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA200.8	NS	2.73	NS	1.34	NS	>0.2&<1
Metals	Dissolved Barium	ug/L	EPA200.8	NS	72.1	NS	63.3	NS	28
Metals	Dissolved Beryllium	ug/L	EPA200.8	NS	>0.1&<0.5	NS	>0.1&<0.5	NS	<0.1
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA200.8	NS	2.3	NS	2.01	NS	1.99
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA200.8	NS	4.08	NS	3.78	NS	2.37
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	NS	>0.25&<5	NS	>0.25&<5	NS	<0.25
Metals-CMCCCC	Dissolved Copper	ug/L	EPA200.8	NS	28.2	NS	**19.9***	NS	12.4
Metals	Dissolved Iron	ug/L	EPA200.8	NS	1700	NS	2130	NS	780
Metals-CMCCCC	Dissolved Lead	ug/L	EPA200.8	NS	3.85	NS	11.1	NS	2.12
Metals	Dissolved Mercury	ug/L	EPA245.1	NS	<0.1	NS	<0.1	NS	<0.1
Metals-CMCCCC	Dissolved Nickel	ug/L	EPA200.8	NS	18.3	NS	10.7	NS	10.3
Metals	Dissolved Selenium	ug/L	EPA200.8	NS	4.51	NS	3.28	NS	1.83
Metals-CMCCCC	Dissolved Silver	ug/L	EPA200.8	NS	<0.1	NS	<0.1	NS	<0.1
Metals	Dissolved Thallium	ug/L	EPA200.8	NS	<0.1	NS	<0.1	NS	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA200.8	NS	105	NS	**151***	NS	59.8
Metals	Aluminum	ug/L	EPA200.8	NS	12200	NS	20400	NS	3340
Metals	Antimony	ug/L	EPA200.8	NS	2.49	NS	2.85	NS	1.98
Metals	Arsenic	ug/L	EPA200.8	NS	4.24	NS	2.63	NS	1.52
Metals	Barium	ug/L	EPA200.8	NS	190	NS	172	NS	54.1
Metals	Beryllium	ug/L	EPA200.8	NS	>0.1&<0.5	NS	>0.1&<0.5	NS	>0.1&<0.5
Metals	Cadmium	ug/L	EPA200.8	NS	3.12	NS	3.48	NS	2.63
Metals	Chromium	ug/L	EPA200.8	NS	24.1	NS	31.3	NS	8.25
Metals	Chromium +6	ug/L	EPA218.6	NS	>0.25&<5	NS	>0.25&<5	NS	<0.25
Metals	Copper	ug/L	EPA200.8	NS	55.4	NS	49.4	NS	25.2
Metals	Iron	ug/L	EPA200.8	NS	16500	NS	27200	NS	4630
Metals	Lead	ug/L	EPA200.8	NS	9.01	NS	25.1	NS	4.36
Metals	Mercury	ug/L	EPA245.1	NS	<0.1	NS	<0.1	NS	<0.1
Metals	Nickel	ug/L	EPA200.8	NS	43.2	NS	38.9	NS	17
Metals	Selenium	ug/L	EPA200.8	NS	6.2	NS	3.72	NS	2.17
Metals	Silver	ug/L	EPA200.8	NS	0.506	NS	>0.1&<0.25	NS	>0.1&<0.25
Metals	Thallium	ug/L	EPA200.8	NS	>0.1&<1	NS	>0.1&<1	NS	<0.1
Metals	Zinc	ug/L	EPA200.8	NS	180	NS	294	NS	112
Organophosphate Pesticides	Atrazine	ug/L	EPA507	NS	<0.667	NS	<0.667	NS	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA507	NS	<0.02	NS	<0.02	NS	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA507	NS	<0.667	NS	<0.667	NS	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA507	NS	<0.003	NS	<0.003	NS	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA507	NS	<0.33	NS	<0.33	NS	<0.33
Organophosphate Pesticides	Prometryn	ug/L	EPA507	NS	<0.67	NS	<0.67	NS	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA507	NS	<0.67	NS	<0.67	NS	<0.67
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L	EPA608	NS	<0.065	NS	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L	EPA608	NS	<0.065	NS	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L	EPA608	NS	<0.065	NS	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L	EPA608	NS	<0.065	NS	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L	EPA608	NS	<0.065	NS	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L	EPA608	NS	<0.065	NS	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L	EPA608	NS	<0.065	NS	<0.065	NS	<0.065
Semivolatile Organic Compounds (Acids)	2-4-6-Trichlorophenol	ug/L	EPA625	NS	<3.33	NS	<3.33	NS	<3.33
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Acids)	2-4-Dimethylphenol	ug/L	EPA625	NS	<0.67	NS	<0.67	NS	<0.67
Semivolatile Organic Compounds (Acids)	2-4-Dinitrophenol	ug/L	EPA625	NS	<1	NS	<1	NS	<1
Semivolatile Organic Compounds (Acids)	2-Chlorophenol	ug/L	EPA625	NS	<0.67	NS	<0.67	NS	<0.67
Semivolatile Organic Compounds (Acids)	2-Nitrophenol	ug/L	EPA625	NS	<1	NS	<1	NS	<1
Semivolatile Organic Compounds (Acids)	4-Chloro-3-methylphenol	ug/L	EPA625	NS	<1	NS	<1	NS	<1
Semivolatile Organic Compounds (Acids)	4-Nitrophenol	ug/L	EPA625	NS	<1	NS	<1	NS	<1
Semivolatile Organic Compounds (Acids)	Pentachlorophenol	ug/L	EPA625	NS	<0.67	NS	<0.67	NS	<0.67
Semivolatile Organic Compounds (Acids)	Phenol	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Acids)	Phenolics- Total recoverable	mg/L	EPA420.1	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03

Group	Parameter	Units	Analysis Method	Upper Las Virgenes Creek TS25 2013-14Event09 11/21/2013	Upper Las Virgenes Creek TS25 2013-14Event13 2/27/2014	Cheseboro Canyon TS26 2013-14Event09 11/21/2013	Cheseboro Canyon TS26 2013-14Event13 2/27/2014	Lower Lindero Creek TS27 2013-14Event09 11/21/2013	Lower Lindero Creek TS27 2013-14Event13 2/27/2014
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L	EPA625	NS	<0.5	NS	<0.5	NS	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L	EPA625	NS	<0.5	NS	<0.5	NS	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L	EPA625	NS	<0.5	NS	<0.5	NS	<0.5
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L	EPA625	NS	<3.33	NS	<3.33	NS	<3.33
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L	EPA625	NS	<1	NS	<1	NS	<1
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl ether	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L	EPA625	NS	<0.67	NS	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L	EPA625	NS	<0.67	NS	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L	EPA625	NS	<0.67	NS	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L	EPA625	NS	<0.67	NS	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L	EPA625	NS	<3.33	NS	<3.33	NS	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L	EPA625	NS	<0.67	NS	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	8.5
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L	EPA625	NS	<3.33	NS	<3.33	NS	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L	EPA625	NS	<0.033	NS	<0.033	NS	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L	EPA625	NS	<1	NS	<1	NS	<1
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L	EPA625	NS	<0.67	NS	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L	EPA625	NS	<0.017	NS	<0.017	NS	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L	EPA625	NS	<0.033	NS	<0.033	NS	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L	EPA625	NS	<0.017	NS	<0.017	NS	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L	EPA625	NS	<1.67	NS	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L	EPA625	NS	<0.067	NS	<0.067	NS	<0.067
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L	EPA625	NS	<0.33	NS	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L	EPA625	NS	<0.017	NS	<0.017	NS	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L	EPA625	NS	<0.017	NS	<0.017	NS	<0.017
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L	EPA625	NS	<3.33	NS	<3.33	NS	<3.33
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L	EPA625	NS	<3.33	NS	<3.33	NS	<3.33

NS = Sample not analyzed.
Values reported with a "< "are not detected at the method detection level, and reported as <MDL
Values reported with a "<" and a ">" were detected between the method detection limit and reporting limit, they are reported as >MDL& <RL
*Exceedance of Water Quality Objective
**Not an exceedance due to the High Flow Suspension Basin Plan Amendment (LARQCB 2003).
^ Field measurement

Group	Parameter	Units	Analysis Method	Medea Creek TS28 2013-14Event09 11/21/2013	Medea Creek TS28 2013-14Event13 2/27/2014	Liberty Canyon Channel TS29 2013-14Event09 11/21/2013	Liberty Canyon Channel TS29 2013-14Event13 2/27/2014	PD 728 at Foxfield Dr. TS30 2013-14Event09 11/21/2013	PD 728 at Foxfield Dr. TS30 2013-14Event13 2/27/2014
Bacteria	E. Coli	MPN/100mL	SM 9223	**14136***	**3448***	**150000***	**17300***	**2160***	**4884***
Bacteria	Fecal Coliform	MPN/100mL	SM9221E	16000	17000	240000	28000	2400	11000
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	28000	2400	240000	5000	14000	24000
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	28000	2400	240000	5000	17000	24000
Bacteria	Total Coliform	MPN/100mL	SM9221B	160000	300000	240000	35000	90000	28000
Chlorinated Pesticides	4-4'-DDD	ug/L	EPA608	<0.011	<0.011	<0.011	<0.011	NS	<0.011
Chlorinated Pesticides	4-4'-DDE	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	NS	<0.004
Chlorinated Pesticides	4-4'-DDT	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	NS	<0.01
Chlorinated Pesticides	Aldrin	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	NS	<0.004
Chlorinated Pesticides	Dieldrin	ug/L	EPA608	<0.002	<0.002	<0.002	<0.002	NS	<0.002
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	NS	<0.01
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	NS	<0.004
Chlorinated Pesticides	Endosulfan sulfate	ug/L	EPA608	<0.05	<0.05	<0.05	<0.05	NS	<0.05
Chlorinated Pesticides	Endrin	ug/L	EPA608	<0.006	<0.006	<0.006	<0.006	NS	<0.006
Chlorinated Pesticides	Endrin aldehyde	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	NS	<0.01
Chlorinated Pesticides	Heptachlor	ug/L	EPA608	<0.003	<0.003	<0.003	<0.003	NS	<0.003
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	NS	<0.01
Chlorinated Pesticides	Methoxychlor	ug/L	EPA608	<0.5	<0.5	<0.5	<0.5	NS	<0.5
Chlorinated Pesticides	Toxaphene	ug/L	EPA608	<0.24	<0.24	<0.24	<0.24	NS	<0.24
Chlorinated Pesticides	alpha-BHC	ug/L	EPA608	<0.01	<0.01	<0.01	<0.01	NS	<0.01
Chlorinated Pesticides	alpha-chlordane	ug/L	EPA608	<0.033	<0.033	<0.033	<0.033	NS	<0.033
Chlorinated Pesticides	beta-BHC	ug/L	EPA608	<0.005	<0.005	<0.005	<0.005	NS	<0.005
Chlorinated Pesticides	delta-BHC	ug/L	EPA608	<0.005	<0.005	<0.005	<0.005	NS	<0.005
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	EPA608	<0.004	<0.004	<0.004	<0.004	NS	<0.004
Chlorinated Pesticides	gamma-chlordane	ug/L	EPA608	<0.033	<0.033	<0.033	<0.033	NS	<0.033
Conventionals	Cyanide	mg/L	SM4500-CNE	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	16.5	9.23^	10.2	9.86^	17.6	9.32^
Conventionals	Oil and Grease	mg/L	EPA1664A	<1.44	<1.44	<1.44	<1.44	<1.44	<1.44
Conventionals	pH	pH units	SM4500H B	7.48	7.54^	6.75	7.65^	NS	7.56^
General	Alkalinity as CaCO3	mg/L	SM 2320B	227	71	107	48	NS	48
General	Ammonia	mg/L	SM 4500-NH3 C	3.67	0.278	5.6	0.641	NS	0.557
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	2.59	5.99	22.2	6.89	NS	7.99
General	Chemical Oxygen Demand	mg/L	SM5220D	50	>10&<20	136	43	NS	83
General	Chloride	mg/L	EPA300.0	163	67.3	55.3	57.9	NS	38.2
General	Dissolved Phosphorus	mg/L	"SM 4500-P E, Di	0.52	0.23	0.75	0.29	NS	0.42
General	Fluoride	mg/L	EPA300.0	0.486	0.241	0.425	0.266	NS	0.178
General	Hardness as CaCO3	mg/L	SM2340C	785	260	175	160	NS	115
General	Kjeldahl-N	mg/L	SM4500-NHorg C	4	0.8	4.84	1.4	NS	1.2
General	Methyl Tertiary Butyl Ether (MTBE)	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
General	Methylene Blue Active Substances (MBAS)	mg/L	SM5540-C	>0.01&<0.5	0.5	0.59	0.61	NS	0.78
General	NH3-N	mg/L	SM 4500-NH3 C	3.03	0.23	4.63	0.53	NS	0.46
General	Nitrate (NO3)	mg/L	EPA300.0	7.35	3.09	17.1	5.69	NS	2.97
General	Nitrate-N	mg/L	EPA300.0	1.66	0.696	3.86	1.29	NS	0.671
General	Nitrite-N	mg/L	EPA300.0	0.0571	>0.01&<0.03	0.226	0.041	NS	>0.01&<0.03
General	Phosphorus- Total (as P)	mg/L	SM4500-PE	0.53	0.26	0.85	0.33	NS	0.46
General	Specific Conductance	umhos/cm	SM2510 B	1830	1239^	593	154^	NS	248^
General	Sulfate	mg/L	EPA300.0	**635***	195	116	103	NS	54.5
General	Total Dissolved Solids	mg/L	SM2540C	1510	520	450	346	NS	258
General	Total Organic Carbon	mg/L	SM 5310	17.4	9.42	41.6	11.9	NS	10.4
General	Total Petroleum Hydrocarbons	mg/L	EPA418.1	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
General	Total Suspended Solids	mg/L	SM2540D	338	122	406	453	NS	70
General	Turbidity	NTU	SM2130B	8.8	13.5^	6.55	42.6^	NS	18.2^
General	Volatile Suspended Solids	mg/L	SM2540E	75	26	130	84	NS	23

Group	Parameter	Units	Analysis Method	Medea Creek TS28 2013-14Event09 11/21/2013	Medea Creek TS28 2013-14Event13 2/27/2014	Liberty Canyon Channel TS29 2013-14Event09 11/21/2013	Liberty Canyon Channel TS29 2013-14Event13 2/27/2014	PD 728 at Foxfield Dr. TS30 2013-14Event09 11/21/2013	PD 728 at Foxfield Dr. TS30 2013-14Event13 2/27/2014
Herbicides	2-4-5-TP-SILVEX	ug/L	EPA515.3	<0.067	<0.067	<0.067	<0.067	NS	<0.067
Herbicides	2-4-D	ug/L	EPA515.3	<0.02	<0.02	<0.02	<0.02	NS	<0.02
Herbicides	Glyphosate	ug/L	EPA547	<5	<5	<5	<5	NS	<5
Metals	Dissolved Aluminum	ug/L	EPA200.8	499	283	1270	1080	NS	394
Metals	Dissolved Antimony	ug/L	EPA200.8	0.953	0.696	1.58	0.868	NS	0.933
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA200.8	1.96	>0.2&<1	3.86	1.76	NS	1.33
Metals	Dissolved Barium	ug/L	EPA200.8	44.4	24.8	55.1	46.8	NS	27.3
Metals	Dissolved Beryllium	ug/L	EPA200.8	<0.1	<0.1	>0.1&<0.5	<0.1	NS	<0.1
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA200.8	8.21	3.3	3.45	2.79	NS	0.878
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA200.8	4.23	1.51	5.29	2.48	NS	1.74
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	<0.25	<0.25	<0.25	>0.25&<5	NS	<0.25
Metals-CMCCCC	Dissolved Copper	ug/L	EPA200.8	28.4	15.1	**78.2***	**21.3***	NS	14.1
Metals	Dissolved Iron	ug/L	EPA200.8	1430	740	2450	1710	NS	658
Metals-CMCCCC	Dissolved Lead	ug/L	EPA200.8	3.63	2.03	6.74	9.11	NS	3.02
Metals	Dissolved Mercury	ug/L	EPA245.1	<0.1	<0.1	<0.1	<0.1	NS	<0.1
Metals-CMCCCC	Dissolved Nickel	ug/L	EPA200.8	24	9.34	14.7	9.26	NS	5.5
Metals	Dissolved Selenium	ug/L	EPA200.8	4.66	2.03	1.22	2.78	NS	2.33
Metals-CMCCCC	Dissolved Silver	ug/L	EPA200.8	<0.1	<0.1	<0.1	<0.1	NS	<0.1
Metals	Dissolved Thallium	ug/L	EPA200.8	<0.1	<0.1	<0.1	<0.1	NS	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA200.8	126	55	186	102	NS	95.7
Metals	Aluminum	ug/L	EPA200.8	2770	2540	6050	9050	NS	3210
Metals	Antimony	ug/L	EPA200.8	2.13	1.52	3.92	2.83	NS	2.16
Metals	Arsenic	ug/L	EPA200.8	2.36	1.32	4.95	3.29	NS	1.34
Metals	Barium	ug/L	EPA200.8	80.2	45.3	104	112	NS	50.4
Metals	Beryllium	ug/L	EPA200.8	>0.1&<0.5	>0.1&<0.5	>0.1&<0.5	>0.1&<0.5	NS	<0.1
Metals	Cadmium	ug/L	EPA200.8	10.6	4.46	4.73	4.02	NS	1.24
Metals	Chromium	ug/L	EPA200.8	6.25	6.32	14.1	15.1	NS	8.48
Metals	Chromium +6	ug/L	EPA218.6	<0.25	<0.25	<0.25	>0.25&<5	NS	<0.25
Metals	Copper	ug/L	EPA200.8	41.5	26.9	120	37.7	NS	26
Metals	Iron	ug/L	EPA200.8	4630	3730	9400	13300	NS	4200
Metals	Lead	ug/L	EPA200.8	5.15	3.63	11	16.9	NS	5.58
Metals	Mercury	ug/L	EPA245.1	<0.1	<0.1	<0.1	<0.1	NS	<0.1
Metals	Nickel	ug/L	EPA200.8	31.2	14.7	22.6	21.6	NS	12.1
Metals	Selenium	ug/L	EPA200.8	5.35	2.85	2.1	3.25	NS	3.55
Metals	Silver	ug/L	EPA200.8	>0.1&<0.25	>0.1&<0.25	0.553	>0.1&<0.25	NS	<0.1
Metals	Thallium	ug/L	EPA200.8	<0.1	<0.1	>0.1&<1	>0.1&<1	NS	<0.1
Metals	Zinc	ug/L	EPA200.8	169	99.4	280	177	NS	166
Organophosphate Pesticides	Atrazine	ug/L	EPA507	<0.667	<0.667	<0.667	<0.667	NS	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA507	<0.02	<0.02	<0.02	<0.02	NS	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA507	<0.667	<0.667	<0.667	<0.667	NS	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA507	<0.003	<0.003	<0.003	<0.003	NS	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA507	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Organophosphate Pesticides	Prometryn	ug/L	EPA507	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA507	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	NS	<0.065
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260)	ug/L	EPA608	<0.065	<0.065	<0.065	<0.065	NS	<0.065
Semivolatile Organic Compounds (Acids)	2-4-6-Trichlorophenol	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	NS	<3.33
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Acids)	2-4-Dimethylphenol	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Semivolatile Organic Compounds (Acids)	2-4-Dinitrophenol	ug/L	EPA625	<1	<1	<1	<1	NS	<1
Semivolatile Organic Compounds (Acids)	2-Chlorophenol	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Semivolatile Organic Compounds (Acids)	2-Nitrophenol	ug/L	EPA625	<1	<1	<1	<1	NS	<1
Semivolatile Organic Compounds (Acids)	4-Chloro-3-methylphenol	ug/L	EPA625	<1	<1	<1	<1	NS	<1
Semivolatile Organic Compounds (Acids)	4-Nitrophenol	ug/L	EPA625	<1	<1	<1	<1	NS	<1
Semivolatile Organic Compounds (Acids)	Pentachlorophenol	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Semivolatile Organic Compounds (Acids)	Phenol	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Acids)	Phenolics- Total recoverable	mg/L	EPA420.1	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03

Group	Parameter	Units	Analysis Method	Medea Creek TS28 2013-14Event09 11/21/2013	Medea Creek TS28 2013-14Event13 2/27/2014	Liberty Canyon Channel TS29 2013-14Event09 11/21/2013	Liberty Canyon Channel TS29 2013-14Event13 2/27/2014	PD 728 at Foxfield Dr. TS30 2013-14Event09 11/21/2013	PD 728 at Foxfield Dr. TS30 2013-14Event13 2/27/2014
Semivolatile Organic Compounds (Base/Neutral)	1-2-4-Trichlorobenzene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-2-Benzanthracene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	1-2-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	<0.5	<0.5	NS	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-2-Diphenylhydrazine	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	1-3-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	<0.5	<0.5	NS	<0.5
Semivolatile Organic Compounds (Base/Neutral)	1-4-Dichlorobenzene	ug/L	EPA625	<0.5	<0.5	<0.5	<0.5	NS	<0.5
Semivolatile Organic Compounds (Base/Neutral)	2-4-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-6-Dinitrotoluene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	2-Chloroethyl vinyl ether	ug/L	EPA624	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Semivolatile Organic Compounds (Base/Neutral)	2-Chloronaphthalene	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	NS	<3.33
Semivolatile Organic Compounds (Base/Neutral)	3-3-Dichlorobenzidine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-6-Dinitro-2-methylphenol	ug/L	EPA625	<1	<1	<1	<1	NS	<1
Semivolatile Organic Compounds (Base/Neutral)	4-Bromophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	4-Chlorophenyl phenyl ether	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Acenaphthylene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Anthracene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzidine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(a)pyrene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo(k)flouranthene	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Benzo[b]fluoranthene	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	NS	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Benzo[g-h-i]perylene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethoxy) methane	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroethyl) ether	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Chloroisopropyl) ether	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Bis(2-Ethylhexl) phthalate	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Butyl benzyl phthalate	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	NS	<3.33
Semivolatile Organic Compounds (Base/Neutral)	Chrysene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Dibenzo(a-h)anthracene	ug/L	EPA625	<0.033	<0.033	<0.033	<0.033	NS	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Diethyl phthalate	ug/L	EPA625	<1	<1	<1	<1	NS	<1
Semivolatile Organic Compounds (Base/Neutral)	Dimethyl phthalate	ug/L	EPA625	<0.67	<0.67	<0.67	<0.67	NS	<0.67
Semivolatile Organic Compounds (Base/Neutral)	Fluoranthene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	NS	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Fluorene	ug/L	EPA625	<0.033	<0.033	<0.033	<0.033	NS	<0.033
Semivolatile Organic Compounds (Base/Neutral)	Hexachloro-cyclopentadiene	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobenzene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachlorobutadiene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Hexachloroethane	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Indeno(1-2-3-c-d)pyrene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	NS	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Isophorone	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-di-n-propyl amine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-dimethyl amine	ug/L	EPA625	<1.67	<1.67	<1.67	<1.67	NS	<1.67
Semivolatile Organic Compounds (Base/Neutral)	N-Nitroso-diphenyl amine	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Naphthalene	ug/L	EPA625	<0.067	<0.067	<0.067	<0.067	NS	<0.067
Semivolatile Organic Compounds (Base/Neutral)	Nitrobenzene	ug/L	EPA625	<0.33	<0.33	<0.33	<0.33	NS	<0.33
Semivolatile Organic Compounds (Base/Neutral)	Phenanthrene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	NS	<0.017
Semivolatile Organic Compounds (Base/Neutral)	Pyrene	ug/L	EPA625	<0.017	<0.017	<0.017	<0.017	NS	<0.017
Semivolatile Organic Compounds (Base/Neutral)	di-n-Butyl phthalate	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	NS	<3.33
Semivolatile Organic Compounds (Base/Neutral)	di-n-Octyl phthalate	ug/L	EPA625	<3.33	<3.33	<3.33	<3.33	NS	<3.33

NS = Sample not analyzed.
Values reported with a "< "are not detected at the method detection level, and reported as <MDL
Values reported with a "<" and a ">" were detected between the method detection limit and reporting limit, they are reported as >MDL& <RL
*Exceedance of Water Quality Objective
**Not an exceedance due to the High Flow Suspension Basin Plan Amendment (LARQCB 2003).
^ Field measurement