Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

Group	Parameter	Units	Analysis Method	Ballona Creek at Sawtelle Blvd. S01 Dry 2014-15Event13 01/05/2015	Ballona Creek at Sawtelle Blvd. S01 Dry 2014-15Event18 02/09/2015	Malibu Creek at Piuma Rd. S02 Dry 2014-15Event13 01/05/2015	Malibu Creek at Piuma Rd. S02 Dry 2014-15Event18 02/09/2015	Los Angeles River at Wardlow Rd. S10 Dry 2014-15Event13	Los Angeles River at Wardlow Rd. S10 Dry 2014-15Event18
Bacteria	E. Coli	MPN/100mL	SM 9223/SM9221B/F	203.5	193.5	9.7	10.9	100	**288***
Bacteria	Fecal Coliform	MPN/100mL	SM9221E/SM9221B	110	300	<20	20	40	170
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	170	220	170	20	130	230
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	170	220	170	40	130	230
Bacteria	Total Coliform	MPN/100mL	SM9221B	5000	1100	330	260	230	300
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	0.009	<0.005	<0.005	<0.005	0.013	<0.005
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	11.3	15.9	12.2	8.56	17.3	17.6
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	8.43	8.35	7.84	7.65	**9.48***	**9.29***
General	Alkalinity as $CaCO_3$	mg/L	SM 2320B	240	243	186	204	144	135
General	Ammonia	mg/L	EPA350.1/SM 4500-NH3 C	<0.121	<0.121	<0.121	<0.121	0.246	0.387
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	2.57	2.18	3.64	>1&<2	7.24	10.3
General	Chemical Oxygen Demand	mg/L	EPA410.4/SM5220D	<10	>10&<20	>10&<20	>10&<20	24	43
General	Chloride	mg/L	EPA 300.0	108	129	181	186	136	144
General	Dissolved Phosphorus	mg/L	EPA365.1/SM 4500-P E	0.105	<0.05	1.02	0.318	0.143	0.159
General	Fluoride	mg/L	EPA300.0	0.64	0.629	0.51	0.556	0.71	0.719
General	Hardness as $CaCO_3$	mg/L	SM2340C	394	410	656	625	258	233
General	Kjeldahl-N	mg/L	EPA351.2/SM4500-NHorg C	0.436	0.76	0.228	0.18	1.09	2.2
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	0.55	<0.01	>0.01&<0.5	0.61	>0.01&<0.5
General	NH_3-N	mg/L	EPA350.1/SM 4500-NH3 C	<0.1	<0.1	<0.1	<0.1	0.203	0.32
General	Nitrate (NO_3)	mg/L	EPA300.0	7.74	6.52	22.5	16	10.9	3.61
General	Nitrate-N	mg/L	EPA300.0	1.75	1.47	5.08	3.62	2.46	0.814
General	Nitrite-N	mg/L	EPA300.0	0.109	>0.02&<0.1	<0.02	<0.02	0.255	0.306
General	Phosphorus- Total (as P)	mg/L	EPA365.1/SM4500-PE	0.183	0.067	1.23	1.14	0.401	0.467
General	Specific Conductance	umhos/cm	SM2510 B	1170	1150	1850	1640	1130	1010
General	Sulfate	mg/L	EPA300.0	189	216	**531***	**527***	171	183
General	Total Dissolved Solids	mg/L	SM2540C	774	824	1380	1310	696	660
General	Total Organic Carbon	mg/L	SM5310	3.18	2.07	4.66	3.25	6.76	5.26
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	23	8	<1	<1	11	9
General	Turbidity	NTU	SM2130B	7.2	2.22	0.53	2.77	1.7	2.86
General	Volatile Suspended Solids	mg/L	SM2540D/E/EPA160.4	9	6	<1	<1	8	8

Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

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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	<5	<5	<5
Metals	Dissolved Aluminum	ug/L	EPA1640/EPA200.8	165	<50	<50	<50	<50	<50
Metals	Dissolved Antimony	ug/L	EPA1640/EPA200.8	0.504	0.538	>0.2&<0.5	>0.2&<0.5	0.683	1.08
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA1640/EPA200.8	1.63	1.94	>0.2&<1	1.94	>0.2&<1	1.65
Metals	Dissolved Barium	ug/L	EPA1640/EPA200.8	83.5	58.5	34.7	31.7	51.1	45.8
Metals	Dissolved Beryllium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	>0.1&<0.25	>0.1&<0.25	>0.1&<0.25	<0.1
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA1640/EPA200.8	2.87	0.641	<0.5	<0.5	1.55	0.646
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	1.08	1.091	<0.25	<0.25	<0.25	<0.25
Metals-CMCCCC	Dissolved Copper	ug/L	EPA1640/EPA200.8	7.09	6.04	3.43	13.9	7.23	10.3
Metals	Dissolved Iron	ug/L	EPA1640/EPA200.8	208	<50	<50	<50	<50	>50&<100
Metals-CMCCCC	Dissolved Lead	ug/L	EPA1640/EPA200.8	1.63	>0.2&<0.5	<0.2	>0.2&<0.5	0.63	1.04
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	EPA1640/EPA200.8	3.91	3.55	7.63	8.33	4.52	4.59
Metals	Dissolved Selenium	ug/L	EPA1640/EPA200.8	2.3	2.73	3.8	3.55	2.14	2.22
Metals-CMCCCC	Dissolved Silver	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Dissolved Thallium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA1640/EPA200.8	20.6	17.9	27.3	42.2	33.1	56.3
Metals	Aluminum	ug/L	EPA1640/EPA200.8	720	>50&<100	<50	>50&<100	>50&<100	120
Metals	Antimony	ug/L	EPA1640/EPA200.8	0.748	0.654	0.566	0.607	0.839	1.28
Metals	Arsenic	ug/L	EPA 200.8	2.13	2.6	1.82	2.37	1.42	1.94
Metals	Barium	ug/L	EPA1640/EPA200.8	109	85.7	44.9	46.5	64.9	62.1
Metals	Beryllium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Cadmium	ug/L	EPA1640/EPA200.8	>0.1&<0.25	<0.1	>0.1&<0.25	>0.1&<0.25	>0.1&<0.25	>0.1&<0.25
Metals	Chromium	ug/L	EPA1640/EPA200.8	3.35	1.09	0.83	<0.5	2.13	1.17
Metals	Chromium +6	ug/L	EPA218.6	1.08	1.09	<0.25	<0.25	<0.25	<0.25
Metals	Copper	ug/L	EPA1640/EPA200.8	9.38	8.79	5.26	17.9	9.68	12.9
Metals	Iron	ug/L	EPA1640/EPA200.8	845	131	>50&<100	>50&<100	104	188
Metals	Lead	ug/L	EPA1640/EPA200.8	2.18	1.01	>0.2&<0.5	0.654	0.723	1.57
Metals	Mercury	ug/L	EPA245.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Nickel	ug/L	EPA1640/EPA200.8	6.28	5.37	11	11.3	6.64	6.3
Metals	Selenium	ug/L	EPA1640/EPA200.8	2.7	3.59	4.13	4.39	2.15	2.97
Metals	Silver	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Thallium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Zinc	ug/L	EPA1640/EPA200.8	25.8	55.4	36.5	52.4	27.8	60.8
Organophosphate Pesticides	Atrazine	ug/L	EPA8141B/EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA8141B/EPA507	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA8141B/EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA8141B/EPA507	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA8141B/EPA507	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Organophosphate Pesticides	Prometryn	ug/L	EPA8141B/EPA507	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA8141B/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	<3	<3	<3	<3	<3
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
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	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Semivolatile Organic Compounds (Acids)	Phenolics- Total recoverable	mg/L	EPA420.1	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03

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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	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
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-Ethylhexyl) 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	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4

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

† Laboratory measurement of the composite sample.

Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

Group	Parameter	Units	Analysis Method	Coyote Creek at Spring Street S13 Dry 2014-15Event13 01/05/2015	Coyote Creek at Spring Street S13 Dry 2014-15Event18 02/09/2015	San Gabriel River at SGR Parkway S14 Dry 2014-15Event18	Dominguez Channel at Artesia Blvd. S28 Dry 2014-15Event16	Dominguez Channel at Artesia Blvd. S28 Dry 2014-15Event18	Santa Clara River S29 Dry 2014-15Event13 01/05/2015	Santa Clara River S29 Dry 2014-15Event18 02/09/2015
Bacteria	E. Coli	MPN/100mL	SM 9223/SM9221B/F	**305***	**546***	88	**520***	63	7.4	1
Bacteria	Fecal Coliform	MPN/100mL	SM9221E/SM9221B	220	500	110	800	20	<20	20
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	90	1300	170	230	800	20	70
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	140	1300	170	230	800	20	70
Bacteria	Total Coliform	MPN/100mL	SM9221B	35000	5000	500	9000	230	70	80
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	0.009	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	19.4	11.5	9.71	17.7	16.7	5.03	6.26
Conventionals	Oil and Grease	mg/L	EPA1664A	<1.44	<1.44	<1.44	<1.44	<1.44	<1.44	<1.44
Conventionals	pH†	pH units	SM4500H B	**8.77***	**8.55***	7.98	**8.51***	**8.63***	7.69	7.3
General	Alkalinity as $CaCO_3$	mg/L	SM 2320B	222	194	88	174	182	273	272
General	Ammonia	mg/L	EPA350.1/SM 4500-NH3 C	<0.121	0.169	<0.121	<0.121	<0.121	<0.121	<0.121
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	4.46	8.94	2.52	4.16	8.33	<1	>1&<2
General	Chemical Oxygen Demand	mg/L	EPA410.4/SM5220D	23	21	<10	22	>10&<20	>10&<20	<10
General	Chloride	mg/L	EPA 300.0	192	151	94.4	211	223	103	107
General	Dissolved Phosphorus	mg/L	EPA365.1/SM 4500-P E	<0.05	0.33	<0.05	<0.05	0.057	0.262	0.254
General	Fluoride	mg/L	EPA300.0	0.98	0.734	0.227	0.626	0.295	0.46	0.498
General	Hardness as $CaCO_3$	mg/L	SM2340C	356	295	140	310	305	498	485
General	Kjeldahl-N	mg/L	EPA351.2/SM4500-NHorg C	1.01	0.72	0.38	0.302	0.68	0.134	<0.1
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	>0.01&<0.5	1.21	>0.01&<0.5	>0.01&<0.5	>0.01&<0.5
General	NH_3-N	mg/L	EPA350.1/SM 4500-NH3 C	<0.1	0.14	<0.1	<0.1	<0.1	<0.1	<0.1
General	Nitrate (NO_3)	mg/L	EPA300.0	11.6	4.6	4.54	10.5	9.58	6.61	5.76
General	Nitrate-N	mg/L	EPA300.0	2.62	1.04	1.02	2.36	2.16	1.49	1.3
General	Nitrite-N	mg/L	EPA300.0	0.152	0.133	>0.02&<0.1	<0.02	>0.02&<0.1	<0.02	<0.02
General	Phosphorus- Total (as P)	mg/L	EPA365.1/SM4500-PE	<0.05	0.445	0.072	0.067	0.08	0.278	0.291
General	Specific Conductance	umhos/cm	SM2510 B	1810	1250	674	1290	1220	1490	1340
General	Sulfate	mg/L	EPA300.0	366	270	95.7	158	137	294	290
General	Total Dissolved Solids	mg/L	SM2540C	1160	848	404	866	788	946	940
General	Total Organic Carbon	mg/L	SM5310	8.08	3.3	2.91	3.43	2.58	2.58	2.28
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	8	3	5	>1&<2	9	>1&<2	<1
General	Turbidity	NTU	SM2130B	1.61	1.23	2.14	2.29	5.55	0.46	0.34
General	Volatile Suspended Solids	mg/L	SM2540D/E/EPA160.4	6	3	4	<1	7	<1	<1

Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

Group	Parameter	Units	Analysis Method	Coyote Creek at Spring Street S13 Dry 2014-15Event13 01/05/2015	Coyote Creek at Spring Street S13 Dry 2014-15Event18 02/09/2015	San Gabriel River at SGR Parkway S14 Dry 2014-15Event18	Dominguez Channel at Artesia Blvd. S28 Dry 2014-15Event16	Dominguez Channel at Artesia Blvd. S28 Dry 2014-15Event18	Santa Clara River S29 Dry 2014-15Event13 01/05/2015	Santa Clara River S29 Dry 2014-15Event18 02/09/2015
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	<0.02	<0.02	<0.02	<0.02
Herbicides	Glyphosate	ug/L	EPA547	<5	<5	<5	<5	<5	<5	<5
Metals	Dissolved Aluminum	ug/L	EPA1640/EPA200.8	<50	<50	<50	<50	<50	<50	<50
Metals	Dissolved Antimony	ug/L	EPA1640/EPA200.8	0.654	0.597	>0.2&<0.5	1.18	1.82	>0.2&<0.5	>0.2&<0.5
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA1640/EPA200.8	3.16	5.73	4.36	>0.2&<1	1.42	>0.2&<1	2.06
Metals	Dissolved Barium	ug/L	EPA1640/EPA200.8	55.2	88.1	43.1	83.2	79.4	61.5	64.4
Metals	Dissolved Beryllium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA1640/EPA200.8	1.99	0.902	0.626	1.92	<0.5	1.19	<0.5
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	>0.25&<5	>0.25&<5	>0.25&<5	>0.25&<5	>0.25&<5	<0.25	<0.25
Metals-CMCCCC	Dissolved Copper	ug/L	EPA1640/EPA200.8	8.69	5.79	3.99	11.6	11.9	1.82	3.72
Metals	Dissolved Iron	ug/L	EPA1640/EPA200.8	<50	<50	<50	<50	<50	<50	<50
Metals-CMCCCC	Dissolved Lead	ug/L	EPA1640/EPA200.8	>0.2&<0.5	>0.2&<0.5	0.531	0.508	0.507	>0.2&<0.5	<0.2
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	EPA1640/EPA200.8	3.92	3.25	1.54	3.77	5.15	10.2	12.9
Metals	Dissolved Selenium	ug/L	EPA1640/EPA200.8	4.53	3.39	1.66	1.54	1.87	5.5	5.31
Metals-CMCCCC	Dissolved Silver	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Dissolved Thallium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA1640/EPA200.8	7.26	11.4	20.2	20.8	42.2	14.7	16.6
Metals	Aluminum	ug/L	EPA1640/EPA200.8	>50&<100	<50	180	131	>50&<100	<50	>50&<100
Metals	Antimony	ug/L	EPA1640/EPA200.8	0.869	0.739	0.536	1.58	2.21	>0.2&<0.5	>0.2&<0.5
Metals	Arsenic	ug/L	EPA 200.8	3.92	6.66	4.66	1.7	1.53	1.55	1.77
Metals	Barium	ug/L	EPA1640/EPA200.8	72.2	118	57.4	111	107	74.7	64.4
Metals	Beryllium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Cadmium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	>0.1&<0.25
Metals	Chromium	ug/L	EPA1640/EPA200.8	2.2	1.19	0.758	2.33	0.598	1.42	1.02
Metals	Chromium +6	ug/L	EPA218.6	>0.25&<5	>0.25&<5	>0.25&<5	>0.25&<5	>0.25&<5	<0.25	<0.25
Metals	Copper	ug/L	EPA1640/EPA200.8	9.98	7.99	4.23	15.7	15	2.95	3.79
Metals	Iron	ug/L	EPA1640/EPA200.8	>50&<100	>50&<100	223	129	127	<50	>50&<100
Metals	Lead	ug/L	EPA1640/EPA200.8	0.508	0.853	0.967	0.784	0.956	>0.2&<0.5	>0.2&<0.5
Metals	Mercury	ug/L	EPA245.1	<0.1	>0.1&<0.5	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Nickel	ug/L	EPA1640/EPA200.8	5.94	4.93	2.58	5.83	7.15	13.5	13.6
Metals	Selenium	ug/L	EPA1640/EPA200.8	5.09	4.73	2.34	2.04	2.06	5.69	6.68
Metals	Silver	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Thallium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Zinc	ug/L	EPA1640/EPA200.8	20.8	28.4	28.7	36.6	70.8	19	38.6
Organophosphate Pesticides	Atrazine	ug/L	EPA8141B/EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA8141B/EPA507	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA8141B/EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA8141B/EPA507	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA8141B/EPA507	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Organophosphate Pesticides	Prometryn	ug/L	EPA8141B/EPA507	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA8141B/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	<3	<3	<3	<3	<3	<3
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
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	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Semivolatile Organic Compounds (Acids)	Phenolics- Total recoverable	mg/L	EPA420.1	<0.03	<0.03	<0.03	>0.03&<0.1	<0.03	<0.03	<0.03

Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

Group	Parameter	Units	Analysis Method	Coyote Creek at Spring Street S13 Dry 2014-15Event13 01/05/2015	Coyote Creek at Spring Street S13 Dry 2014-15Event18 02/09/2015	San Gabriel River at SGR Parkway S14 Dry 2014-15Event18	Dominguez Channel at Artesia Blvd. S28 Dry 2014-15Event16	Dominguez Channel at Artesia Blvd. S28 Dry 2014-15Event18	Santa Clara River S29 Dry 2014-15Event13 01/05/2015	Santa Clara River S29 Dry 2014-15Event18 02/09/2015
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	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
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-Ethylhexyl) 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	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4

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

† Laboratory measurement of the composite sample.

Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

Group	Parameter	Units	Analysis Method	Upper Las Virgenes Creek TS25 Dry 2014-15Event13 01/05/2015	Upper Las Virgenes Creek TS25 Dry 2014-15Event18 02/09/2015	Cheseboro Canyon TS26 Dry 2014-15Event13 01/05/2015	Cheseboro Canyon TS26 Dry 2014-15Event18 02/09/2015	Lower Lindero Creek TS27 Dry 2014-15Event13 01/05/2015	Lower Lindero Creek TS27 Dry 2014-15Event15 01/15/2015	Lower Lindero Creek TS27 Dry 2014-15Event18 02/09/2015
Bacteria	E. Coli	MPN/100mL	SM 9223/SM9221B/F	79.4	**1000***	25.3	74	100	155.3	**630***
Bacteria	Fecal Coliform	MPN/100mL	SM9221E/SM9221B	110	300	80	500	230	300	800
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	500	1700	70	40	170	300	500
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	500	1700	70	300	170	300	500
Bacteria	Total Coliform	MPN/100mL	SM9221B	2800	2400	5000	6000	2200	2400	6000
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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	12.6	11	11.6	8.99	10.9	10.5	8.83
Conventionals	Oil and Grease	mg/L	EPA1664A	21.4	<1.44	<1.44	<1.44	<1.44	<1.44	<1.44
Conventionals	pH†	pH units	SM4500H B	8.11	8.33	8.14	8.3	8.03	7.98	8.11
General	Alkalinity as $CaCO_3$	mg/L	SM 2320B	205	216	278	281	284	276	288
General	Ammonia	mg/L	EPA350.1/SM 4500-NH3 C	0.18	<0.121	<0.121	<0.121	<0.121	<0.121	<0.121
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	3.59	3.17	2.14	2.64	5.37	3.19	>1&<2
General	Chemical Oxygen Demand	mg/L	EPA410.4/SM5220D	32	20	>10&<20	23	>10&<20	>10&<20	>10&<20
General	Chloride	mg/L	EPA 300.0	177	246	240	262	181	171	202
General	Dissolved Phosphorus	mg/L	EPA365.1/SM 4500-P E	<0.05	0.064	<0.05	0.053	0.077	0.074	0.142
General	Fluoride	mg/L	EPA300.0	0.59	0.479	0.46	0.471	0.59	0.42	0.591
General	Hardness as $CaCO_3$	mg/L	SM2340C	1330	1500	1270	1320	884	832	938
General	Kjeldahl-N	mg/L	EPA351.2/SM4500-NHorg C	1.08	0.62	0.238	0.42	0.586	0.514	0.3
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	>0.01&<0.5	>0.01&<0.5	0.84	0.95	>0.01&<0.5	>0.01&<0.5	>0.01&<0.5
General	NH_3-N	mg/L	EPA350.1/SM 4500-NH3 C	0.149	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
General	Nitrate (NO_3)	mg/L	EPA300.0	5.99	2.66	1.07	>0.2&<0.4	3.13	3.53	4.43
General	Nitrate-N	mg/L	EPA300.0	1.35	0.601	0.242	>0.05&<0.1	0.707	0.797	1
General	Nitrite-N	mg/L	EPA300.0	>0.02&<0.1	>0.02&<0.1	<0.02	<0.02	<0.02	<0.02	<0.02
General	Phosphorus- Total (as P)	mg/L	EPA365.1/SM4500-PE	0.056	0.087	<0.05	0.093	0.172	0.158	0.19
General	Specific Conductance	umhos/cm	SM2510 B	2.65	2.87	3.1	2.97	2.19	2.13	2.19
General	Sulfate	mg/L	EPA300.0	**1130***	**1410***	**1190***	**1330***	**656***	**604***	**762***
General	Total Dissolved Solids	mg/L	SM2540C	**2430***	**2890***	**2620***	**2710***	1700	1620	1810
General	Total Organic Carbon	mg/L	SM5310	9.05	4.57	7.09	6.13	6.26	3.51	3.89
General	Total Petroleum Hydrocarbons	mg/L	EPA418.1	10.9	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
General	Total Suspended Solids	mg/L	SM2540D	6	4	<1	<1	11	4	7
General	Turbidity	NTU	SM2130B	0.75	0.76	0.87	0.57	5.91	2.63	0.66
General	Volatile Suspended Solids	mg/L	SM2540D/E/EPA160.4	4	4	<1	<1	11	2	5

Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

Group	Parameter	Units	Analysis Method	Upper Las Virgenes Creek TS25 Dry 2014-15Event13 01/05/2015	Upper Las Virgenes Creek TS25 Dry 2014-15Event18 02/09/2015	Cheseboro Canyon TS26 Dry 2014-15Event13 01/05/2015	Cheseboro Canyon TS26 Dry 2014-15Event18 02/09/2015	Lower Lindero Creek TS27 Dry 2014-15Event13 01/05/2015	Lower Lindero Creek TS27 Dry 2014-15Event15 01/15/2015	Lower Lindero Creek TS27 Dry 2014-15Event18 02/09/2015
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	<0.02	<0.02	<0.02	<0.02
Herbicides	Glyphosate	ug/L	EPA547	<5	<5	<5	<5	<5	<5	<5
Metals	Dissolved Aluminum	ug/L	EPA1640/EPA200.8	<50	<50	<50	<50	<50	<50	<50
Metals	Dissolved Antimony	ug/L	EPA1640/EPA200.8	0.599	0.664	0.62	0.702	>0.2&<0.5	>0.2&<0.5	>0.2&<0.5
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA1640/EPA200.8	3.96	5.1	1.55	3.04	>0.2&<1	<0.2	1.79
Metals	Dissolved Barium	ug/L	EPA1640/EPA200.8	33.5	29.9	22.7	27.9	27.2	26.9	26.8
Metals	Dissolved Beryllium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA1640/EPA200.8	0.33	0.399	>0.1&<0.25	>0.1&<0.25	0.895	0.637	0.63
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA1640/EPA200.8	<0.5	<0.5	1.36	<0.5	1.5	1.52	<0.5
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	>0.25&<5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Metals-CMCCCC	Dissolved Copper	ug/L	EPA1640/EPA200.8	6.15	10.2	6.43	10.9	4.73	4.43	14.3
Metals	Dissolved Iron	ug/L	EPA1640/EPA200.8	<50	<50	<50	<50	<50	<50	>50&<100
Metals-CMCCCC	Dissolved Lead	ug/L	EPA1640/EPA200.8	<0.2	<0.2	>0.2&<0.5	>0.2&<0.5	<0.2	<0.2	<0.2
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	EPA1640/EPA200.8	25.6	28.1	10.2	12.8	11.7	10.9	11.8
Metals	Dissolved Selenium	ug/L	EPA1640/EPA200.8	74.5	35.4	21.9	21.6	4.62	4.54	4.9
Metals-CMCCCC	Dissolved Silver	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Dissolved Thallium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA1640/EPA200.8	4.86	19.3	7.26	17.7	3.06	1.24	12
Metals	Aluminum	ug/L	EPA1640/EPA200.8	<50	<50	>50&<100	<50	>50&<100	<50	>50&<100
Metals	Antimony	ug/L	EPA1640/EPA200.8	0.857	0.732	0.797	0.793	0.617	0.586	0.525
Metals	Arsenic	ug/L	EPA 200.8	5.59	5.42	2.5	3.37	1.63	1.6	2.14
Metals	Barium	ug/L	EPA1640/EPA200.8	43	40.3	29.3	36.6	36.6	33.4	37.6
Metals	Beryllium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Cadmium	ug/L	EPA1640/EPA200.8	0.413	0.454	>0.1&<0.25	>0.1&<0.25	1.12	0.787	0.741
Metals	Chromium	ug/L	EPA1640/EPA200.8	0.68	<0.5	1.51	0.528	1.56	1.71	1.24
Metals	Chromium +6	ug/L	EPA218.6	>0.25&<5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Metals	Copper	ug/L	EPA1640/EPA200.8	8.49	12.5	8.25	12.8	7.34	6.28	17.9
Metals	Iron	ug/L	EPA1640/EPA200.8	<50	>50&<100	>50&<100	>50&<100	100	>50&<100	153
Metals	Lead	ug/L	EPA1640/EPA200.8	>0.2&<0.5	>0.2&<0.5	0.614	0.592	>0.2&<0.5	>0.2&<0.5	>0.2&<0.5
Metals	Mercury	ug/L	EPA245.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Nickel	ug/L	EPA1640/EPA200.8	32.8	33.5	13.9	15	16.6	14.6	15.3
Metals	Selenium	ug/L	EPA1640/EPA200.8	83.6	38	24.4	22.2	4.66	4.59	5.58
Metals	Silver	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Thallium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Zinc	ug/L	EPA1640/EPA200.8	11.3	31.9	16.8	30.2	12.8	15.8	19.9
Organophosphate Pesticides	Atrazine	ug/L	EPA8141B/EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA8141B/EPA507	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA8141B/EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA8141B/EPA507	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA8141B/EPA507	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Organophosphate Pesticides	Prometryn	ug/L	EPA8141B/EPA507	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA8141B/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	<3	<3	<3	<3	<3	<3
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
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	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
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

Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

Group	Parameter	Units	Analysis Method	Upper Las Virgenes Creek TS25 Dry 2014-15Event13 01/05/2015	Upper Las Virgenes Creek TS25 Dry 2014-15Event18 02/09/2015	Cheseboro Canyon TS26 Dry 2014-15Event13 01/05/2015	Cheseboro Canyon TS26 Dry 2014-15Event18 02/09/2015	Lower Lindero Creek TS27 Dry 2014-15Event13 01/05/2015	Lower Lindero Creek TS27 Dry 2014-15Event15 01/15/2015	Lower Lindero Creek TS27 Dry 2014-15Event18 02/09/2015
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	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
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-Ethylhexyl) 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	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4

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

† Laboratory measurement of the composite sample.

Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

Group	Parameter	Units	Analysis Method	Medea Creek TS28 Dry 2014-15Event13 01/05/2015	Medea Creek TS28 Dry 2014-15Event18 02/09/2015	Liberty Canyon Channel TS29 Dry 2014-15Event13 01/05/2015	Liberty Canyon Channel TS29 Dry 2014-15Event18 02/09/2015	PD 728 at Foxfield Dr. TS30 Dry 2014-15Event13 01/05/2015	PD 728 at Foxfield Dr. TS30 Dry 2014-15Event18 02/09/2015
Bacteria	E. Coli	MPN/100mL	SM 9223/SM9221B/F	83.9	145	98	**410***	**1750***	175
Bacteria	Fecal Coliform	MPN/100mL	SM9221E/SM9221B	130	70	80	300	800	170
Bacteria	Fecal Enterococcus	MPN/100mL	SM9230B	80	80	3000	7000	1700	30000
Bacteria	Fecal Streptococcus	MPN/100mL	SM9230B	80	80	3000	9000	2800	30000
Bacteria	Total Coliform	MPN/100mL	SM9221B	3000	1100	24000	17000	16000	5000
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	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Conventionals	Dissolved Oxygen	mg/L	SM4500O G	13.3	13.7	11.1	9.4	13.6	14
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	7.87	7.88	7.95	8.24	7.97	8.24
General	Alkalinity as $CaCO_3$	mg/L	SM 2320B	244	283	197	183	290	256
General	Ammonia	mg/L	EPA350.1/SM 4500-NH3 C	<0.121	<0.121	0.189	0.278	0.246	<0.121
General	BioChemical Oxygen Demand- Five-Day	mg/L	SM 5210	>1&<2	>1&<2	2.99	3.66	4.42	2.33
General	Chemical Oxygen Demand	mg/L	EPA410.4/SM5220D	>10&<20	>10&<20	21	31	29	>10&<20
General	Chloride	mg/L	EPA 300.0	268	255	197	241	289	268
General	Dissolved Phosphorus	mg/L	EPA365.1/SM 4500-P E	<0.05	<0.05	0.092	0.076	0.055	0.068
General	Fluoride	mg/L	EPA300.0	0.64	0.634	0.95	0.925	0.55	0.55
General	Hardness as $CaCO_3$	mg/L	SM2340C	1470	1290	684	793	910	845
General	Kjeldahl-N	mg/L	EPA351.2/SM4500-NHorg C	0.332	0.16	1.28	1.82	1.05	0.24
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	0.53	0.82	0.55	>0.01&<0.5	>0.01&<0.5
General	NH_3-N	mg/L	EPA350.1/SM 4500-NH3 C	<0.1	<0.1	0.156	0.23	0.203	<0.1
General	Nitrate (NO_3)	mg/L	EPA300.0	0.47	>0.2&<0.4	3.29	3.44	1.27	0.714
General	Nitrate-N	mg/L	EPA300.0	0.106	>0.05&<0.1	0.743	0.777	0.287	0.161
General	Nitrite-N	mg/L	EPA300.0	0.246	<0.02	0.137	>0.02&<0.1	>0.02&<0.1	<0.02
General	Phosphorus- Total (as P)	mg/L	EPA365.1/SM4500-PE	0.057	0.055	0.125	0.097	0.242	0.097
General	Specific Conductance	umhos/cm	SM2510 B	3.28	2.94	2.14	2.31	2.48	2.17
General	Sulfate	mg/L	EPA300.0	**1250***	**1250***	**654***	**849***	**619***	**636***
General	Total Dissolved Solids	mg/L	SM2540C	**2820***	**2680***	1570	1870	1830	1710
General	Total Organic Carbon	mg/L	SM5310	3.82	2.19	9.05	3.57	5.88	2.67
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	23	7	7	3	66	9
General	Turbidity	NTU	SM2130B	0.99	0.64	1.56	1.34	5.51	1.72
General	Volatile Suspended Solids	mg/L	SM2540D/E/EPA160.4	8	5	5	3	19	7

Appendix B.2 2014-2015 Annual Monitoring Report Dry Weather Concentrations

Group	Parameter	Units	Analysis Method	Medea Creek TS28 Dry 2014-15Event13 01/05/2015	Medea Creek TS28 Dry 2014-15Event18 02/09/2015	Liberty Canyon Channel TS29 Dry 2014-15Event13 01/05/2015	Liberty Canyon Channel TS29 Dry 2014-15Event18 02/09/2015	PD 728 at Foxfield Dr. TS30 Dry 2014-15Event13 01/05/2015	PD 728 at Foxfield Dr. TS30 Dry 2014-15Event18 02/09/2015
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	<5	<5	<5
Metals	Dissolved Aluminum	ug/L	EPA1640/EPA200.8	<50	<50	<50	<50	292	<50
Metals	Dissolved Antimony	ug/L	EPA1640/EPA200.8	>0.2&<0.5	>0.2&<0.5	0.689	0.65	0.686	0.558
Metals-CMCCCC	Dissolved Arsenic	ug/L	EPA1640/EPA200.8	<0.2	1.76	>0.2&<1	2.15	>0.2&<1	1.95
Metals	Dissolved Barium	ug/L	EPA1640/EPA200.8	25.7	27.3	52.7	49.4	59.4	37
Metals	Dissolved Beryllium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Cadmium	ug/L	EPA1640/EPA200.8	0.811	1.2	0.361	0.508	0.593	0.38
Metals-CMCCCC	Dissolved Chromium	ug/L	EPA1640/EPA200.8	1.04	<0.5	0.609	0.684	2.67	<0.5
Metals-CMCCCC	Dissolved Chromium +6	ug/L	EPA218.6	<0.25	<0.25	>0.25&<5	>0.25&<5	<0.25	<0.25
Metals-CMCCCC	Dissolved Copper	ug/L	EPA1640/EPA200.8	5.33	6.19	18	18.3	36.2	6.28
Metals	Dissolved Iron	ug/L	EPA1640/EPA200.8	<50	<50	>50&<100	<50	375	<50
Metals-CMCCCC	Dissolved Lead	ug/L	EPA1640/EPA200.8	<0.2	<0.2	>0.2&<0.5	<0.2	1.14	<0.2
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	EPA1640/EPA200.8	20.6	19.1	8.18	10	14.1	12.6
Metals	Dissolved Selenium	ug/L	EPA1640/EPA200.8	6.46	5.75	3.43	3.94	7.21	6.17
Metals-CMCCCC	Dissolved Silver	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Dissolved Thallium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals-CMCCCC	Dissolved Zinc	ug/L	EPA1640/EPA200.8	<1	20.4	8.86	22.2	16.1	29.3
Metals	Aluminum	ug/L	EPA1640/EPA200.8	>50&<100	<50	146	106	1070	114
Metals	Antimony	ug/L	EPA1640/EPA200.8	0.528	>0.2&<0.5	0.93	0.791	1.09	0.605
Metals	Arsenic	ug/L	EPA 200.8	1.54	2.15	1.49	2.21	2.61	2.11
Metals	Barium	ug/L	EPA1640/EPA200.8	32	36.5	65.4	63.3	76.7	50.4
Metals	Beryllium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Cadmium	ug/L	EPA1640/EPA200.8	0.929	1.37	0.491	0.538	0.701	0.409
Metals	Chromium	ug/L	EPA1640/EPA200.8	1.45	1.16	1.04	1.04	2.8	0.682
Metals	Chromium +6	ug/L	EPA218.6	<0.25	<0.25	>0.25&<5	>0.25&<5	<0.25	<0.25
Metals	Copper	ug/L	EPA1640/EPA200.8	6.79	7.58	23.9	21.8	56.1	8.54
Metals	Iron	ug/L	EPA1640/EPA200.8	110	>50&<100	164	157	1160	271
Metals	Lead	ug/L	EPA1640/EPA200.8	>0.2&<0.5	>0.2&<0.5	>0.2&<0.5	0.575	2.53	0.583
Metals	Mercury	ug/L	EPA245.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Nickel	ug/L	EPA1640/EPA200.8	27.2	22.6	11.5	12.3	17.9	16.2
Metals	Selenium	ug/L	EPA1640/EPA200.8	6.88	6.59	3.45	4.03	8.13	6.28
Metals	Silver	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Thallium	ug/L	EPA1640/EPA200.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Metals	Zinc	ug/L	EPA1640/EPA200.8	13.7	21.7	14.8	52.4	22.2	38.5
Organophosphate Pesticides	Atrazine	ug/L	EPA8141B/EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Chlorpyrifos	ug/L	EPA8141B/EPA507	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Organophosphate Pesticides	Cyanazine	ug/L	EPA8141B/EPA507	<0.667	<0.667	<0.667	<0.667	<0.667	<0.667
Organophosphate Pesticides	Diazinon	ug/L	EPA8141B/EPA507	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Organophosphate Pesticides	Malathion	ug/L	EPA8141B/EPA507	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Organophosphate Pesticides	Prometryn	ug/L	EPA8141B/EPA507	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Organophosphate Pesticides	Simazine	ug/L	EPA8141B/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	<3	<3	<3	<3	<3
Semivolatile Organic Compounds (Acids)	2-4-Dichlorophenol	ug/L	EPA625	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
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	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Semivolatile Organic Compounds (Acids)	Phenolics- Total recoverable	mg/L	EPA420.1	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03

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Group	Parameter	Units	Analysis Method	Medea Creek TS28 Dry 2014-15Event13 01/05/2015	Medea Creek TS28 Dry 2014-15Event18 02/09/2015	Liberty Canyon Channel TS29 Dry 2014-15Event13 01/05/2015	Liberty Canyon Channel TS29 Dry 2014-15Event18 02/09/2015	PD 728 at Foxfield Dr. TS30 Dry 2014-15Event13 01/05/2015	PD 728 at Foxfield Dr. TS30 Dry 2014-15Event18 02/09/2015
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	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
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-Ethylhexyl) phthalate	ug/L	EPA625	<1.67	<1.67	14	<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	<3.4	<3.4	<3.4	<3.4	<3.4	<3.4

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

† Laboratory measurement of the composite sample.