Group	Parameter	Units	Table 4-5.1. Upper Las Virgenes Creek Dry & Wet Weather Exceedance Summary									
			Upper Las Virgenes Creek TS25 2013-14Dry					Upper Las Virgenes Creek TS25 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	1425.25(0.5-2850)	2	1	1	235	10703(7270-14136)	2	2	2
Bacteria	Fecal Coliform	MPN/100mL		4505(10-9000)	2	0	1		10500(5000-16000)	2	0	2
Bacteria	Fecal Enterococcus	MPN/100mL		25005(10-50000)	2	0	1		37000(24000-50000)	2	0	2
Bacteria	Fecal Streptococcus	MPN/100mL		25005(10-50000)	2	0	1		37000(24000-50000)	2	0	2
Bacteria	Total Coliform	MPN/100mL		25005(10-50000)	2	0	1		23000(16000-30000)	2	0	2
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	1	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	1	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	1	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	1	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	1	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	1	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	1	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	1	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Conventionals	Cyanide	mg/L	0.022	0.00425(0.0025-0.006)	2	0	1	0.022	0.0025(0.0025-0.0025)	2	0	0
Conventionals	Dissolved Oxygen	mg/L	5	9.3(6.1-12.5)	2	0	2	5	13.58(9.76-17.4)*	2	0	2
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0.72(0.72-0.72)	2	0	0
Conventionals	pH	pH units	6.5-8.5	8.185(8.11-8.26)	2	0	2	6.5-8.5	7.88(7.88-7.88)*	1	0	1
General	Alkalinity as CaCO3	mg/L		179(155-203)	2	0	2		81(81-81)	1	0	1
General	Ammonia	mg/L	4.71-6.95	0.611(0.569-0.653)	2	0	2	19.9-19.9	1.05(1.05-1.05)	1	0	1
General	BioChemical Oxygen Dem	mg/L		2.87(2.3-3.44)	2	0	2		8.21(8.21-8.21)	1	0	1
General	Chemical Oxygen Demand	mg/L		12.5(5-20)	2	0	1		108(108-108)	1	0	1
General	Chloride	mg/L	500	343(247-439)	2	0	2	500	67.3(67.3-67.3)	1	0	1
General	Dissolved Phosphorus	mg/L		0.188(0.066-0.31)	2	0	2		0.43(0.43-0.43)	1	0	1
General	Fluoride	mg/L		0.7295(0.581-0.878)	2	0	2		0.219(0.219-0.219)	1	0	1
General	Hardness as CaCO3	mg/L		1310(1120-1500)	2	0	2		230(230-230)	1	0	1
General	Kjeldahl-N	mg/L		3.2(1.92-4.48)	2	0	2		1.92(1.92-1.92)	1	0	1
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
General	Methylene Blue Active Substances	mg/L		0(0-0)	2	0	0		0(0-0)	1	0	0
General	NH3-N	mg/L		0.505(0.47-0.54)	2	0	2		0.87(0.87-0.87)	1	0	1
General	Nitrate (NO3)	mg/L	45	6.445(2.09-10.8)	2	0	2	45	4.26(4.26-4.26)	1	0	1
General	Nitrate-N	mg/L	10	1.456(0.472-2.44)	2	0	2	10	0.962(0.962-0.962)	1	0	1
General	Nitrite-N	mg/L	1	0.03205(0-0.0641)	2	0	1	1	0.0404(0.0404-0.0404)	1	0	1
General	Phosphorus- Total (as P)	mg/L		0.2(0.07-0.33)	2	0	2		0.54(0.54-0.54)	1	0	1
General	Specific Conductance	umhos/cm		2.87(2.85-2.89)	2	0	2		286(286-286)*	1	0	1
General	Sulfate	mg/L	500	1124.5(849-1400)	2	2	2	500	142(142-142)	1	0	1
General	Total Dissolved Solids	mg/L	2000	2600(2290-2910)	2	2	2	2000	462(462-462)	1	0	1
General	Total Organic Carbon	mg/L		9.38(8.16-10.6)	2	0	2		7.05(7.05-7.05)	1	0	1
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0.75-0.75)	2	0	0
General	Total Suspended Solids	mg/L		7(4-10)	2	0	2		448(448-448)	1	0	1
General	Turbidity	NTU		0.955(0.67-1.24)	2	0	2		19.3(19.3-19.3)*	1	0	1
General	Volatile Suspended Sol	mg/L		6(4-8)	2	0	2		71(71-71)	1	0	1
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	1	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	1	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-2.5)	1	0	0

Group	Parameter	Units	Table 4-5.1. Upper Las Virgenes Creek Dry & Wet Weather Exceedance Summary									
			Upper Las Virgenes Creek TS25 2013-14Dry					Upper Las Virgenes Creek TS25 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		25(25-25)	2	0	0		1400(1400-1400)	1	0	1
Metals	Dissolved Antimony	ug/L		0.4055(0-0.811)	2	0	1		0.725(0.725-0.725)	1	0	1
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	3.485(3.07-3.9)	2	0	2	340	2.73(2.73-2.73)	1	0	1
Metals	Dissolved Barium	ug/L		39.25(28.7-49.8)	2	0	2		72.1(72.1-72.1)	1	0	1
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	1	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	0.211(0.05-0.372)	2	0	1	10.5-10.5	2.3(2.3-2.3)	1	0	1
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	1.88(1.27-2.49)	2	0	2	1085.5-1085.5	4.08(4.08-4.08)	1	0	1
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0.0625(0-0.125)	2	0	0	225.9-225.9	0(0-0)	1	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	7.96(7.7-8.22)	2	0	2	29.4-29.4	28.2(28.2-28.2)	1	0	1
Metals	Dissolved Iron	ug/L		25(25-25)	2	0	0		1700(1700-1700)	1	0	1
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	0.3695(0.1-0.639)	2	0	1	157.9-157.9	3.85(3.85-3.85)	1	0	1
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	24.1(17.5-30.7)	2	0	2	947.3-947.3	18.3(18.3-18.3)	1	0	1
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Dissolved Selenium	ug/L		29.9(21.9-37.9)	2	0	2		4.51(4.51-4.51)	1	0	1
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	14.5-14.5	0.05(0.05-0.05)	1	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	20.45(15.9-25)	2	0	2	237.3-237.3	105(105-105)	1	0	1
Metals	Aluminum	ug/L		12.5(0-25)	2	0	0		12200(12200-12200)	1	0	1
Metals	Antimony	ug/L		0.85(0.61-1.09)	2	0	2		2.49(2.49-2.49)	1	0	1
Metals	Arsenic	ug/L		5.155(5.06-5.25)	2	0	2		4.24(4.24-4.24)	1	0	1
Metals	Barium	ug/L		51.4(37.8-65)	2	0	2		190(190-190)	1	0	1
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	1	0	0
Metals	Cadmium	ug/L		0.2005(0-0.401)	2	0	1		3.12(3.12-3.12)	1	0	1
Metals	Chromium	ug/L		2.345(1.99-2.7)	2	0	2		24.1(24.1-24.1)	1	0	1
Metals	Chromium +6	ug/L		0.0625(0-0.125)	2	0	0		0(0-0)	1	0	0
Metals	Copper	ug/L		10.655(9.41-11.9)	2	0	2		55.4(55.4-55.4)	1	0	1
Metals	Iron	ug/L		72.5(0-145)	2	0	1		16500(16500-16500)	1	0	1
Metals	Lead	ug/L		0.59(0.1-1.08)	2	0	1		9.01(9.01-9.01)	1	0	1
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Nickel	ug/L		30(22-38)	2	0	2		43.2(43.2-43.2)	1	0	1
Metals	Selenium	ug/L		30.9(22.7-39.1)	2	0	2		6.2(6.2-6.2)	1	0	1
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0.506(0.506-0.506)	1	0	1
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	1	0	0
Metals	Zinc	ug/L		51.9(28.6-75.2)	2	0	2		180(180-180)	1	0	1
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	1	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	1	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	1	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	1	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	4-Chloro-3-methylpheno	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	Pentachlorophenol	ug/L	26.6-30.9	0.335(0.335-0.335)	2	0	0	15-15	0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Carbon (Acids)	Phenolics- Total recov	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	2	0	0

Group	Parameter	Units	Table 4-5.1. Upper Las Virgenes Creek Dry & Wet Weather Exceedance Summary									
			Upper Las Virgenes Creek TS25 2013-14Dry					Upper Las Virgenes Creek TS25 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutra	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloroethyl vinyl et	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-6-Dinitro-2-methylph	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Bromophenyl phenyl e	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0

* Field measurements used in analysis for 2013-14Event13

Group	Parameter	Units	Table 4-5.2. Cheseboro Canyon Dry & Wet Weather Exceedance Summary									
			Cheseboro Canyon TS26 2013-14Dry					Cheseboro Canyon TS26 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	192.25(0.5-384)	2	**1**	1	235	7770(1580-13960)	2	**2**	2
Bacteria	Fecal Coliform	MPN/100mL		405(10-800)	2	0	1		151500(3000-300000)	2	0	2
Bacteria	Fecal Enterococcus	MPN/100mL		2505(10-5000)	2	0	1		46500(3000-90000)	2	0	2
Bacteria	Fecal Streptococcus	MPN/100mL		4505(10-9000)	2	0	1		53500(17000-90000)	2	0	2
Bacteria	Total Coliform	MPN/100mL		4505(10-9000)	2	0	1		165000(30000-300000)	2	0	2
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	1	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	1	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	1	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	1	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	1	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	1	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	1	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	1	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Conventionals	Cyanide	mg/L	0.022	0.0025(0.0025-0.0025)	2	0	0	0.022	0.00675(0.0025-0.011)	2	0	1
Conventionals	Dissolved Oxygen	mg/L	5	7.47(4.24-10.7)	2	**1**	2	5	10.67(9.64-11.7)*	2	0	2
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0.72(0.72-0.72)	2	0	0
Conventionals	pH	pH units	6.5-8.5	7.98(7.96-8)	2	0	2	6.5-8.5	7.69(7.69-7.69)*	1	0	1
General	Alkalinity as CaCO3	mg/L		314.5(219-410)	2	0	2		61(61-61)	1	0	1
General	Ammonia	mg/L	8.4	0.7845(0.339-1.23)	2	0	2	32.28-32.28	0.823(0.823-0.823)	1	0	1
General	BioChemical Oxygen Dem	mg/L		10.37(2.74-18)	2	0	2		7.11(7.11-7.11)	1	0	1
General	Chemical Oxygen Demand	mg/L		22(0-44)	2	0	1		30(30-30)	1	0	1
General	Chloride	mg/L	500	296.5(281-312)	2	0	2	500	18.1(18.1-18.1)	1	0	1
General	Dissolved Phosphorus	mg/L		0.175(0.07-0.28)	2	0	2		0.28(0.28-0.28)	1	0	1
General	Fluoride	mg/L		0.529(0.433-0.625)	2	0	2		0.182(0.182-0.182)	1	0	1
General	Hardness as CaCO3	mg/L		1440(1430-1450)	2	0	2		125(125-125)	1	0	1
General	Kjeldahl-N	mg/L		1.98(1.28-2.68)	2	0	2		1.16(1.16-1.16)	1	0	1
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
General	Methylene Blue Active Substances	mg/L		0.29(0-0.58)	2	0	1		0.82(0.82-0.82)	1	0	1
General	NH3-N	mg/L		0.65(0.28-1.02)	2	0	2		0.68(0.68-0.68)	1	0	1
General	Nitrate (NO3)	mg/L	45	0.025(0-0.05)	2	0	0	45	3.4(3.4-3.4)	1	0	1
General	Nitrate-N	mg/L	10	0.0075(0-0.015)	2	0	0	10	0.768(0.768-0.768)	1	0	1
General	Nitrite-N	mg/L	1	0.005(0.005-0.005)	2	0	0	1	0.0635(0.0635-0.0635)	1	0	1
General	Phosphorus- Total (as P)	mg/L		0.205(0.12-0.29)	2	0	2		0.33(0.33-0.33)	1	0	1
General	Specific Conductance	umhos/cm		3.24(3.08-3.4)	2	0	2		181(181-181)*	1	0	1
General	Sulfate	mg/L	500	1455(1420-1490)	2	**2**	2	500	62.3(62.3-62.3)	1	0	1
General	Total Dissolved Solids	mg/L	2000	2990(2990-2990)	2	**2**	2	2000	248(248-248)	1	0	1
General	Total Organic Carbon	mg/L		13.22(6.74-19.7)	2	0	2		12.9(12.9-12.9)	1	0	1
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0.75-0.75)	2	0	0
General	Total Suspended Solids	mg/L		5.5(2-9)	2	0	2		1480(1480-1480)	1	0	1
General	Turbidity	NTU		1.67(0.64-2.7)	2	0	2		19.2(19.2-19.2)*	1	0	1
General	Volatile Suspended Sol	mg/L		4(1-7)	2	0	2		245(245-245)	1	0	1
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	1	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	1	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-2.5)	1	0	0

Group	Parameter	Units	Table 4-5.2. Cheseboro Canyon Dry & Wet Weather Exceedance Summary									
			Cheseboro Canyon TS26 2013-14Dry					Cheseboro Canyon TS26 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		25(25-25)	2	0	0		1690(1690-1690)	1	0	1
Metals	Dissolved Antimony	ug/L		0.354(0-0.708)	2	0	1		1.01(1.01-1.01)	1	0	1
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	1.55(1.16-1.94)	2	0	2	340	1.34(1.34-1.34)	1	0	1
Metals	Dissolved Barium	ug/L		21.85(18.2-25.5)	2	0	2		63.3(63.3-63.3)	1	0	1
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	1	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	0.05(0.05-0.05)	2	0	0	5.4-5.4	2.01(2.01-2.01)	1	0	1
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	1.66(1.54-1.78)	2	0	2	658.8-658.8	3.78(3.78-3.78)	1	0	1
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0.125(0.125-0.125)	2	0	0	122.8-122.8	0(0-0)	1	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	6.465(6.24-6.69)	2	0	2	16.6-16.6	19.9(19.9-19.9)	1	**1**	1
Metals	Dissolved Iron	ug/L		12.5(0-25)	2	0	0		2130(2130-2130)	1	0	1
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	0(0-0)	2	0	0	82.3-82.3	11.1(11.1-11.1)	1	0	1
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	11.8(11.2-12.4)	2	0	2	565.5-565.5	10.7(10.7-10.7)	1	0	1
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Dissolved Selenium	ug/L		14.4(11.3-17.5)	2	0	2		3.28(3.28-3.28)	1	0	1
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	5.1-5.1	0.05(0.05-0.05)	1	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	19.35(10.3-28.4)	2	0	2	141.6-141.6	151(151-151)	1	**1**	1
Metals	Aluminum	ug/L		12.5(0-25)	2	0	0		20400(20400-20400)	1	0	1
Metals	Antimony	ug/L		0.765(0.52-1.01)	2	0	2		2.85(2.85-2.85)	1	0	1
Metals	Arsenic	ug/L		2.7(2.63-2.77)	2	0	2		2.63(2.63-2.63)	1	0	1
Metals	Barium	ug/L		30.3(26-34.6)	2	0	2		172(172-172)	1	0	1
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	1	0	0
Metals	Cadmium	ug/L		0.025(0-0.05)	2	0	0		3.48(3.48-3.48)	1	0	1
Metals	Chromium	ug/L		2.28(1.95-2.61)	2	0	2		31.3(31.3-31.3)	1	0	1
Metals	Chromium +6	ug/L		0.125(0.125-0.125)	2	0	0		0(0-0)	1	0	0
Metals	Copper	ug/L		9.86(7.42-12.3)	2	0	2		49.4(49.4-49.4)	1	0	1
Metals	Iron	ug/L		137.5(107-168)	2	0	2		27200(27200-27200)	1	0	1
Metals	Lead	ug/L		0.58(0-1.16)	2	0	1		25.1(25.1-25.1)	1	0	1
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Nickel	ug/L		15.95(15.8-16.1)	2	0	2		38.9(38.9-38.9)	1	0	1
Metals	Selenium	ug/L		15.6(12.4-18.8)	2	0	2		3.72(3.72-3.72)	1	0	1
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	1	0	0
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	1	0	0
Metals	Zinc	ug/L		48.55(24-73.1)	2	0	2		294(294-294)	1	0	1
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	1	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	1	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	1	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	1	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	4-Chloro-3-methylpheno	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	Pentachlorophenol	ug/L	22.9-23.8	0.335(0.335-0.335)	2	0	0	9.9-9.9	0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Carbon (Acids)	Phenolics- Total recov	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	2	0	0

Group	Parameter	Units	Table 4-5.2. Cheseboro Canyon Dry & Wet Weather Exceedance Summary									
			Cheseboro Canyon TS26 2013-14Dry					Cheseboro Canyon TS26 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutra	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloroethyl vinyl et	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-6-Dinitro-2-methylph	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Bromophenyl phenyl e	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0

* Field measurements used in analysis for 2013-14Event13

Group	Parameter	Units	Table 4-5.3. Lower Lindero Creek Dry & Wet Weather Exceedance Summary									
			Lower Lindero Creek TS27 2013-14Dry					Lower Lindero Creek TS7 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	346.75(0.5-693)	2	**1**	1	235	6315(4500-8130)	2	**2**	2
Bacteria	Fecal Coliform	MPN/100mL		1105(10-2200)	2	0	1		53000(16000-90000)	2	0	2
Bacteria	Fecal Enterococcus	MPN/100mL		8005(10-16000)	2	0	1		56000(22000-90000)	2	0	2
Bacteria	Fecal Streptococcus	MPN/100mL		8005(10-16000)	2	0	1		56000(22000-90000)	2	0	2
Bacteria	Total Coliform	MPN/100mL		25005(10-50000)	2	0	1		62500(35000-90000)	2	0	2
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	1	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	1	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	1	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	1	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	1	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	1	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	1	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	1	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Conventionals	Cyanide	mg/L	0.022	0.0025(0.0025-0.0025)	2	0	0	0.022	0.0025(0.0025-0.0025)	2	0	0
Conventionals	Dissolved Oxygen	mg/L	5	7.56(4.62-10.5)	2	**1**	2	5	11.3(9.6-13)*	2	0	2
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0.72(0.72-0.72)	2	0	0
Conventionals	pH	pH units	6.5-8.5	8.07(7.95-8.19)	2	0	2	6.5-8.5	7.99(7.99-7.99)*	1	0	1
General	Alkalinity as CaCO3	mg/L		204(169-239)	2	0	2		95(95-95)	1	0	1
General	Ammonia	mg/L	5.72-8.4	0.266(0.266-0.266)	2	0	2	19.9-19.9	0.145(0.145-0.145)	1	0	1
General	BioChemical Oxygen Dem	mg/L		2.555(2.01-3.1)	2	0	2		6.99(6.99-6.99)	1	0	1
General	Chemical Oxygen Demand	mg/L		0(0-0)	2	0	0		0(0-0)	1	0	0
General	Chloride	mg/L	500	212(195-229)	2	0	2	500	97.8(97.8-97.8)	1	0	1
General	Dissolved Phosphorus	mg/L		0.185(0.13-0.24)	2	0	2		0.11(0.11-0.11)	1	0	1
General	Fluoride	mg/L		0.5525(0.476-0.629)	2	0	2		0.308(0.308-0.308)	1	0	1
General	Hardness as CaCO3	mg/L		967.5(935-1000)	2	0	2		370(370-370)	1	0	1
General	Kjeldahl-N	mg/L		1.14(1.12-1.16)	2	0	2		1.08(1.08-1.08)	1	0	1
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
General	Methylene Blue Active Substances	mg/L		0(0-0)	2	0	0		0(0-0)	1	0	0
General	NH3-N	mg/L		0.22(0.22-0.22)	2	0	2		0.12(0.12-0.12)	1	0	1
General	Nitrate (NO3)	mg/L	45	5.39(4.28-6.5)	2	0	2	45	2.21(2.21-2.21)	1	0	1
General	Nitrate-N	mg/L	10	1.218(0.966-1.47)	2	0	2	10	0.5(0.5-0.5)	1	0	1
General	Nitrite-N	mg/L	1	0.005(0.005-0.005)	2	0	0	1	0(0-0)	1	0	0
General	Phosphorus- Total (as P)	mg/L		0.2(0.14-0.26)	2	0	2		0.2(0.2-0.2)	1	0	1
General	Specific Conductance	umhos/cm		2.165(1.99-2.34)	2	0	2		1795(1795-1795)*	1	0	1
General	Sulfate	mg/L	500	761.5(659-864)	2	**2**	2	500	329(329-329)	1	0	1
General	Total Dissolved Solids	mg/L	2000	1865(1690-2040)	2	**1**	2	2000	774(774-774)	1	0	1
General	Total Organic Carbon	mg/L		6.795(5.71-7.88)	2	0	2		8.38(8.38-8.38)	1	0	1
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0.75-0.75)	2	0	0
General	Total Suspended Solids	mg/L		12(8-16)	2	0	2		183(183-183)	1	0	1
General	Turbidity	NTU		2.16(1.9-2.42)	2	0	2		24.9(24.9-24.9)*	1	0	1
General	Volatile Suspended Sol	mg/L		7(6-8)	2	0	2		86(86-86)	1	0	1
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	1	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	1	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-2.5)	1	0	0

Group	Parameter	Units	Table 4-5.3. Lower Lindero Creek Dry & Wet Weather Exceedance Summary									
			Lower Lindero Creek TS27 2013-14Dry					Lower Lindero Creek TS7 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		25(25-25)	2	0	0		367(367-367)	1	0	1
Metals	Dissolved Antimony	ug/L		0.05(0-0.1)	2	0	0		0.785(0.785-0.785)	1	0	1
Metals-CMCCCC	Dissolved Arsenic	ug/L	340-340	0(0-0)	2	0	0	340	0(0-0)	1	0	0
Metals	Dissolved Barium	ug/L		29.05(27.6-30.5)	2	0	2		28(28-28)	1	0	1
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	1.53(0.9-2.16)	2	0	2	17.6-17.6	1.99(1.99-1.99)	1	0	1
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	1.2245(0.969-1.48)	2	0	2	1602.2-1602.2	2.37(2.37-2.37)	1	0	1
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0.125(0.125-0.125)	2	0	0	363.3-363.3	0.125(0.125-0.125)	1	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	7.23(5.96-8.5)	2	0	2	46-46	12.4(12.4-12.4)	1	0	1
Metals	Dissolved Iron	ug/L		12.5(0-25)	2	0	0		780(780-780)	1	0	1
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	0.05(0-0.1)	2	0	0	259.2-259.2	2.12(2.12-2.12)	1	0	1
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	14(12.8-15.2)	2	0	2	1416.3-1416.3	10.3(10.3-10.3)	1	0	1
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Dissolved Selenium	ug/L		4.91(4.25-5.57)	2	0	2		1.83(1.83-1.83)	1	0	1
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	32.7-32.7	0.05(0.05-0.05)	1	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	15.8(12.1-19.5)	2	0	2	355.1-355.1	59.8(59.8-59.8)	1	0	1
Metals	Aluminum	ug/L		157.5(138-177)	2	0	2		3340(3340-3340)	1	0	1
Metals	Antimony	ug/L		0.2875(0-0.575)	2	0	1		1.98(1.98-1.98)	1	0	1
Metals	Arsenic	ug/L		1.72(1.52-1.92)	2	0	2		1.52(1.52-1.52)	1	0	1
Metals	Barium	ug/L		39.1(36.6-41.6)	2	0	2		54.1(54.1-54.1)	1	0	1
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	1	0	0
Metals	Cadmium	ug/L		1.97(1.16-2.78)	2	0	2		2.63(2.63-2.63)	1	0	1
Metals	Chromium	ug/L		1.74(1.66-1.82)	2	0	2		8.25(8.25-8.25)	1	0	1
Metals	Chromium +6	ug/L		0.125(0.125-0.125)	2	0	0		0.125(0.125-0.125)	1	0	0
Metals	Copper	ug/L		10.36(7.62-13.1)	2	0	2		25.2(25.2-25.2)	1	0	1
Metals	Iron	ug/L		220(217-223)	2	0	2		4630(4630-4630)	1	0	1
Metals	Lead	ug/L		0.372(0.1-0.644)	2	0	1		4.36(4.36-4.36)	1	0	1
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Nickel	ug/L		17.65(16.5-18.8)	2	0	2		17(17-17)	1	0	1
Metals	Selenium	ug/L		5.185(4.75-5.62)	2	0	2		2.17(2.17-2.17)	1	0	1
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	1	0	0
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Zinc	ug/L		54.95(32.6-77.3)	2	0	2		112(112-112)	1	0	1
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	1	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	1	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	1	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	1	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	4-Chloro-3-methylpheno	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	Pentachlorophenol	ug/L	22.7-28.8	0.335(0.335-0.335)	2	0	0	14.6-14.6	0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Carbon (Acids)	Phenolics- Total recov	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	2	0	0

Group	Parameter	Units	Table 4-5.3. Lower Lindero Creek Dry & Wet Weather Exceedance Summary									
			Lower Lindero Creek TS27 2013-14Dry					Lower Lindero Creek TS7 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutra	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloroethyl vinyl et	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-6-Dinitro-2-methylph	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Bromophenyl phenyl e	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		8.5(8.5-8.5)	1	0	1
Semivolatile Organic Compounds (Base/Neutra	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0

* Field measurements used in analysis for 2013-14Event13

Group	Parameter	Units	Table 4-5.4. Medea Creek Dry & Wet Weather Exceedance Summary									
			Medea Creek TS28 2013-14Dry					Medea Creek TS28 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	57.9(0.5-115.3)	2	0	1	235	8792(3448-14136)	2	**2**	2
Bacteria	Fecal Coliform	MPN/100mL		75(10-140)	2	0	1		16500(16000-17000)	2	0	2
Bacteria	Fecal Enterococcus	MPN/100mL		1205(10-2400)	2	0	1		15200(2400-28000)	2	0	2
Bacteria	Fecal Streptococcus	MPN/100mL		1205(10-2400)	2	0	1		15200(2400-28000)	2	0	2
Bacteria	Total Coliform	MPN/100mL		705(10-1400)	2	0	1		230000(160000-300000)	2	0	2
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	2	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	2	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	2	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	2	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	2	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	2	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	2	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	2	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Conventionals	Cyanide	mg/L	0.022	0.0025(0.0025-0.0025)	2	0	0	0.022	0.0025(0.0025-0.0025)	2	0	0
Conventionals	Dissolved Oxygen	mg/L	5	10.515(8.23-12.8)	2	0	2	5	12.865(9.23-16.5)*	2	0	2
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0.72(0.72-0.72)	2	0	0
Conventionals	pH	pH units	6.5-8.5	7.915(7.91-7.92)	2	0	2	6.5-8.5	7.51(7.48-7.54)*	2	0	2
General	Alkalinity as CaCO3	mg/L		217(214-220)	2	0	2		149(71-227)	2	0	2
General	Ammonia	mg/L	10.1-10.1	0.4175(0.363-0.472)	2	0	2	19.9-26.2	1.974(0.278-3.67)	2	0	2
General	BioChemical Oxygen Dem	mg/L		0.5(0.5-0.5)	2	0	0		4.29(2.59-5.99)	2	0	2
General	Chemical Oxygen Demand	mg/L		0(0-0)	2	0	0		25(0-50)	2	0	1
General	Chloride	mg/L	500	262(256-268)	2	0	2	500	115.15(67.3-163)	2	0	2
General	Dissolved Phosphorus	mg/L		0.117(0.096-0.138)	2	0	2		0.375(0.23-0.52)	2	0	2
General	Fluoride	mg/L		0.7685(0.719-0.818)	2	0	2		0.3635(0.241-0.486)	2	0	2
General	Hardness as CaCO3	mg/L		1375(1350-1400)	2	0	2		522.5(260-785)	2	0	2
General	Kjeldahl-N	mg/L		1.26(1.08-1.44)	2	0	2		2.4(0.8-4)	2	0	2
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
General	Methylene Blue Active Substances	mg/L		0(0-0)	2	0	0		0.25(0-0.5)	2	0	1
General	NH3-N	mg/L		0.345(0.3-0.39)	2	0	2		1.63(0.23-3.03)	2	0	2
General	Nitrate (NO3)	mg/L	45	0(0-0)	2	0	0	45	5.22(3.09-7.35)	2	0	2
General	Nitrate-N	mg/L	10	0(0-0)	2	0	0	10	1.178(0.696-1.66)	2	0	2
General	Nitrite-N	mg/L	1	0.0025(0-0.005)	2	0	0	1	0.02855(0-0.0571)	2	0	1
General	Phosphorus- Total (as P)	mg/L		0.1185(0.097-0.14)	2	0	2		0.395(0.26-0.53)	2	0	2
General	Specific Conductance	umhos/cm		2.875(2.76-2.99)	2	0	2		1534.5(1239-1830)*	2	0	2
General	Sulfate	mg/L	500	1170(1150-1190)	2	**2**	2	500	415(195-635)	2	**1**	2
General	Total Dissolved Solids	mg/L	2000	2525(2510-2540)	2	**2**	2	2000	1015(520-1510)	2	0	2
General	Total Organic Carbon	mg/L		5.73(5.15-6.31)	2	0	2		13.41(9.42-17.4)	2	0	2
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0.75-0.75)	2	0	0
General	Total Suspended Solids	mg/L		36.25(0.5-72)	2	0	1		230(122-338)	2	0	2
General	Turbidity	NTU		0.715(0.7-0.73)	2	0	2		11.15(8.8-13.5)*	2	0	2
General	Volatile Suspended Sol	mg/L		9.25(0.5-18)	2	0	1		50.5(26-75)	2	0	2
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	2	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	2	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-2.5)	2	0	0

Group	Parameter	Units	Table 4-5.4. Medea Creek Dry & Wet Weather Exceedance Summary									
			Medea Creek TS28 2013-14Dry					Medea Creek TS28 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		25(25-25)	2	0	0		391(283-499)	2	0	2
Metals	Dissolved Antimony	ug/L		0.05(0-0.1)	2	0	0		0.8245(0.696-0.953)	2	0	2
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	0(0-0)	2	0	0	340	0.98(0-1.96)	2	0	1
Metals	Dissolved Barium	ug/L		32.3(27.3-37.3)	2	0	2		34.6(24.8-44.4)	2	0	2
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	1.36(1.18-1.54)	2	0	2	12-19.1	5.755(3.3-8.21)	2	0	2
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	2.39(1.08-3.7)	2	0	2	1200.1-1707.9	2.87(1.51-4.23)	2	0	2
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0.125(0.125-0.125)	2	0	0	255.3-392.8	0.125(0.125-0.125)	2	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	4.775(4.48-5.07)	2	0	2	33-49.6	21.75(15.1-28.4)	2	0	2
Metals	Dissolved Iron	ug/L		12.5(0-25)	2	0	0		1085(740-1430)	2	0	2
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	0.05(0-0.1)	2	0	0	179.6-280.9	2.83(2.03-3.63)	2	0	2
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	19.1(18.9-19.3)	2	0	2	1050.8-1512.9	16.67(9.34-24)	2	0	2
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals	Dissolved Selenium	ug/L		5.995(5.14-6.85)	2	0	2		3.345(2.03-4.66)	2	0	2
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	17.8-37.4	0.05(0.05-0.05)	2	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	11.75(11.1-12.4)	2	0	2	263.3-379.3	90.5(55-126)	2	0	2
Metals	Aluminum	ug/L		12.5(0-25)	2	0	0		2655(2540-2770)	2	0	2
Metals	Antimony	ug/L		0.2985(0-0.597)	2	0	1		1.825(1.52-2.13)	2	0	2
Metals	Arsenic	ug/L		1.895(1.76-2.03)	2	0	2		1.84(1.32-2.36)	2	0	2
Metals	Barium	ug/L		43.15(37.1-49.2)	2	0	2		62.75(45.3-80.2)	2	0	2
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	2	0	0
Metals	Cadmium	ug/L		1.615(1.4-1.83)	2	0	2		7.53(4.46-10.6)	2	0	2
Metals	Chromium	ug/L		1.69(1.31-2.07)	2	0	2		6.285(6.25-6.32)	2	0	2
Metals	Chromium +6	ug/L		0.125(0.125-0.125)	2	0	0		0.125(0.125-0.125)	2	0	0
Metals	Copper	ug/L		7.02(5.72-8.32)	2	0	2		34.2(26.9-41.5)	2	0	2
Metals	Iron	ug/L		93(0-186)	2	0	1		4180(3730-4630)	2	0	2
Metals	Lead	ug/L		0.2505(0-0.501)	2	0	1		4.39(3.63-5.15)	2	0	2
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals	Nickel	ug/L		23.9(23.7-24.1)	2	0	2		22.95(14.7-31.2)	2	0	2
Metals	Selenium	ug/L		6.22(5.44-7)	2	0	2		4.1(2.85-5.35)	2	0	2
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	2	0	0
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals	Zinc	ug/L		46(27.6-64.4)	2	0	2		134.2(99.4-169)	2	0	2
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	2	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	2	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	2	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	2	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Semivolatile Organic Carbon (Acids)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Carbon (Acids)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Carbon (Acids)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Carbon (Acids)	4-Chloro-3-methylpheno	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Carbon (Acids)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Carbon (Acids)	Pentachlorophenol	ug/L	21.8-22	0.335(0.335-0.335)	2	0	0	12-14.1	0.335(0.335-0.335)	2	0	0
Semivolatile Organic Carbon (Acids)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Carbon (Acids)	Phenolics- Total recov	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	2	0	0

Group	Parameter	Units	Table 4-5.4. Medea Creek Dry & Wet Weather Exceedance Summary									
			Medea Creek TS28 2013-14Dry					Medea Creek TS28 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutra	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloroethyl vinyl et	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	4-6-Dinitro-2-methylph	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Bromophenyl phenyl e	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0

* Field measurements used in analysis for 2013-14Event13

Group	Parameter	Units	Table 4-5.5. Liberty Canyon Channel Dry & Wet Weather Exceedance Summary									
			Liberty Canyon Channel TS29 2013-14Dry					Liberty Canyon Channel TS29 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	1025.25(0.5-2050)	2	**1**	1	235	83650(17300-150000)	2	**2**	2
Bacteria	Fecal Coliform	MPN/100mL		1405(10-2800)	2	0	1		134000(28000-240000)	2	0	2
Bacteria	Fecal Enterococcus	MPN/100mL		25005(10-50000)	2	0	1		122500(5000-240000)	2	0	2
Bacteria	Fecal Streptococcus	MPN/100mL		25005(10-50000)	2	0	1		122500(5000-240000)	2	0	2
Bacteria	Total Coliform	MPN/100mL		17505(10-35000)	2	0	1		137500(35000-240000)	2	0	2
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	2	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	2	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	2	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	2	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	2	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	2	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	2	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	2	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	2	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	2	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Conventionals	Cyanide	mg/L	0.022	0.0025(0.0025-0.0025)	2	0	0	0.022	0.0025(0.0025-0.0025)	2	0	0
Conventionals	Dissolved Oxygen	mg/L	5	7.765(4.63-10.9)	2	**1**	2	5	10.03(9.86-10.2)*	2	0	2
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0.72(0.72-0.72)	2	0	0
Conventionals	pH	pH units	6.5-8.5	8.175(8.1-8.25)	2	0	2	6.5-8.5	7.2(6.75-7.65)*	2	0	2
General	Alkalinity as CaCO3	mg/L		163(155-171)	2	0	2		77.5(48-107)	2	0	2
General	Ammonia	mg/L	4.71-6.95	0.599(0.472-0.726)	2	0	2	29.5-42	3.1205(0.641-5.6)	2	0	2
General	BioChemical Oxygen Dem	mg/L		3.755(0.5-7.01)	2	0	1		14.545(6.89-22.2)	2	0	2
General	Chemical Oxygen Demand	mg/L		35(23-47)	2	0	2		89.5(43-136)	2	0	2
General	Chloride	mg/L	500	219.5(210-229)	2	0	2	500	56.6(55.3-57.9)	2	0	2
General	Dissolved Phosphorus	mg/L		0.46(0.1-0.82)	2	0	2		0.52(0.29-0.75)	2	0	2
General	Fluoride	mg/L		0.9695(0.954-0.985)	2	0	2		0.3455(0.266-0.425)	2	0	2
General	Hardness as CaCO3	mg/L		627.5(440-815)	2	0	2		167.5(160-175)	2	0	2
General	Kjeldahl-N	mg/L		2.6(2.32-2.88)	2	0	2		3.12(1.4-4.84)	2	0	2
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
General	Methylene Blue Active Substances	mg/L		0.365(0-0.73)	2	0	1		0.6(0.59-0.61)	2	0	2
General	NH3-N	mg/L		0.495(0.39-0.6)	2	0	2		2.58(0.53-4.63)	2	0	2
General	Nitrate (NO3)	mg/L	45	6.15(0-12.3)	2	0	1	45	11.395(5.69-17.1)	2	0	2
General	Nitrate-N	mg/L	10	1.385(0-2.77)	2	0	1	10	2.575(1.29-3.86)	2	0	2
General	Nitrite-N	mg/L	1	0.0322(0.0316-0.0328)	2	0	2	1	0.1335(0.041-0.226)	2	0	2
General	Phosphorus- Total (as P)	mg/L		0.495(0.12-0.87)	2	0	2		0.59(0.33-0.85)	2	0	2
General	Specific Conductance	umhos/cm		791.06(2.12-1580)	2	0	2		373.5(154-593)*	2	0	2
General	Sulfate	mg/L	500	577(342-812)	2	**1**	2	500	109.5(103-116)	2	0	2
General	Total Dissolved Solids	mg/L	2000	1420(1050-1790)	2	0	2	2000	398(346-450)	2	0	2
General	Total Organic Carbon	mg/L		10.95(10.6-11.3)	2	0	2		26.75(11.9-41.6)	2	0	2
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0.75-0.75)	2	0	0
General	Total Suspended Solids	mg/L		17.25(0.5-34)	2	0	1		429.5(406-453)	2	0	2
General	Turbidity	NTU		1.475(0.88-2.07)	2	0	2		24.575(6.55-42.6)*	2	0	2
General	Volatile Suspended Sol	mg/L		5.75(0.5-11)	2	0	1		107(84-130)	2	0	2
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	2	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	2	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-2.5)	2	0	0

Group	Parameter	Units	Table 4-5.5. Liberty Canyon Channel Dry & Wet Weather Exceedance Summary									
			Liberty Canyon Channel TS29 2013-14Dry					Liberty Canyon Channel TS29 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		96(25-167)	2	0	1		1175(1080-1270)	2	0	2
Metals	Dissolved Antimony	ug/L		0.2515(0-0.503)	2	0	1		1.224(0.868-1.58)	2	0	2
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	0.67(0-1.34)	2	0	1	340	2.81(1.76-3.86)	2	0	2
Metals	Dissolved Barium	ug/L		39.55(37.1-42)	2	0	2		50.95(46.8-55.1)	2	0	2
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.025(0-0.05)	2	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	0.496(0.395-0.597)	2	0	2	7.1-7.8	3.12(2.79-3.45)	2	0	2
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	0.8895(0.833-0.946)	2	0	2	806.4-867.8	3.885(2.48-5.29)	2	0	2
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0.0625(0-0.125)	2	0	0	157.1-171.9	0.0625(0-0.125)	2	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	33.7(11.2-56.2)	2	**1**	2	20.9-22.7	49.75(21.3-78.2)	2	**2**	2
Metals	Dissolved Iron	ug/L		102(25-179)	2	0	1		2080(1710-2450)	2	0	2
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	0.4585(0.1-0.817)	2	0	1	107.3-118.1	7.925(6.74-9.11)	2	0	2
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	8.84(7.58-10.1)	2	0	2	696.9-751.8	11.98(9.26-14.7)	2	0	2
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals	Dissolved Selenium	ug/L		3.59(1.74-5.44)	2	0	2		2(1.22-2.78)	2	0	2
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	7.7-9	0.05(0.05-0.05)	2	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	22.8(16.1-29.5)	2	0	2	174.5-188.3	144(102-186)	2	0	2
Metals	Aluminum	ug/L		450(25-875)	2	0	1		7550(6050-9050)	2	0	2
Metals	Antimony	ug/L		0.67(0.637-0.703)	2	0	2		3.375(2.83-3.92)	2	0	2
Metals	Arsenic	ug/L		1.78(1.43-2.13)	2	0	2		4.12(3.29-4.95)	2	0	2
Metals	Barium	ug/L		54.1(53-55.2)	2	0	2		108(104-112)	2	0	2
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	2	0	0
Metals	Cadmium	ug/L		0.6745(0.571-0.778)	2	0	2		4.375(4.02-4.73)	2	0	2
Metals	Chromium	ug/L		2.74(2.18-3.3)	2	0	2		14.6(14.1-15.1)	2	0	2
Metals	Chromium +6	ug/L		0.0625(0-0.125)	2	0	0		0.0625(0-0.125)	2	0	0
Metals	Copper	ug/L		42.1(15.7-68.5)	2	0	2		78.85(37.7-120)	2	0	2
Metals	Iron	ug/L		585(120-1050)	2	0	2		11350(9400-13300)	2	0	2
Metals	Lead	ug/L		1.1155(0.671-1.56)	2	0	2		13.95(11-16.9)	2	0	2
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	2	0	0
Metals	Nickel	ug/L		12.015(9.83-14.2)	2	0	2		22.1(21.6-22.6)	2	0	2
Metals	Selenium	ug/L		4.06(2.09-6.03)	2	0	2		2.675(2.1-3.25)	2	0	2
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0.2765(0-0.553)	2	0	1
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0(0-0)	2	0	0
Metals	Zinc	ug/L		62.05(50.2-73.9)	2	0	2		228.5(177-280)	2	0	2
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	2	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	2	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	2	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	2	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	2	0	0
Semivolatile Organic Carbon (Acids)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Carbon (Acids)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Carbon (Acids)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Carbon (Acids)	4-Chloro-3-methylpheno	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Carbon (Acids)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Carbon (Acids)	Pentachlorophenol	ug/L	26.4-30.6	0.335(0.335-0.335)	2	0	0	6.8-10.3	0.335(0.335-0.335)	2	0	0
Semivolatile Organic Carbon (Acids)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Carbon (Acids)	Phenolics- Total recov	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	2	0	0

Group	Parameter	Units	Table 4-5.5. Liberty Canyon Channel Dry & Wet Weather Exceedance Summary									
			Liberty Canyon Channel TS29 2013-14Dry					Liberty Canyon Channel TS29 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutra	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloroethyl vinyl et	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	4-6-Dinitro-2-methylph	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Bromophenyl phenyl e	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	2	0	0

* Field measurements used in analysis for 2013-14Event13

Group	Parameter	Units	Table 4-5.6. PD 728 at Foxfield Drive Dry & Wet Weather Exceedance Summary									
			PD 728 at Foxfield Drive T30 2013-14Dry					PD 728 at Foxfield Drive TS30 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Bacteria	E. Coli	MPN/100mL	235	394.25(0.5-788)	2	1	1	235	3522(2160-4884)	2	2	2
Bacteria	Fecal Coliform	MPN/100mL		405(10-800)	2	0	1		6700(2400-11000)	2	0	2
Bacteria	Fecal Enterococcus	MPN/100mL		15005(10-30000)	2	0	1		19000(14000-24000)	2	0	2
Bacteria	Fecal Streptococcus	MPN/100mL		15005(10-30000)	2	0	1		20500(17000-24000)	2	0	2
Bacteria	Total Coliform	MPN/100mL		8005(10-16000)	2	0	1		59000(28000-90000)	2	0	2
Chlorinated Pesticides	4-4'-DDD	ug/L		0.0055(0.0055-0.0055)	2	0	0		0.0055(0.0055-0.0055)	1	0	0
Chlorinated Pesticides	4-4'-DDE	ug/L		0.002(0.002-0.002)	2	0	0		0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	4-4'-DDT	ug/L	1.1	0.005(0.005-0.005)	2	0	0	1.1	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Aldrin	ug/L	3	0.002(0.002-0.002)	2	0	0	3	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	Dieldrin	ug/L	0.24	0.001(0.001-0.001)	2	0	0	0.24	0.001(0.001-0.001)	1	0	0
Chlorinated Pesticides	Endosulfan I (alpha)	ug/L	0.22	0.005(0.005-0.005)	2	0	0	0.22	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Endosulfan II (beta)	ug/L	0.22	0.002(0.002-0.002)	2	0	0	0.22	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	Endosulfan sulfate	ug/L		0.025(0.025-0.025)	2	0	0		0.025(0.025-0.025)	1	0	0
Chlorinated Pesticides	Endrin	ug/L	0.086	0.003(0.003-0.003)	2	0	0	0.086	0.003(0.003-0.003)	1	0	0
Chlorinated Pesticides	Endrin aldehyde	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Heptachlor	ug/L	0.52	0.0015(0.0015-0.0015)	2	0	0	0.52	0.0015(0.0015-0.0015)	1	0	0
Chlorinated Pesticides	Heptachlor Epoxide	ug/L	0.52	0.005(0.005-0.005)	2	0	0	0.52	0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	Methoxychlor	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Chlorinated Pesticides	Toxaphene	ug/L	0.73	0.12(0.12-0.12)	2	0	0	0.73	0.12(0.12-0.12)	1	0	0
Chlorinated Pesticides	alpha-BHC	ug/L		0.005(0.005-0.005)	2	0	0		0.005(0.005-0.005)	1	0	0
Chlorinated Pesticides	alpha-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Chlorinated Pesticides	beta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	1	0	0
Chlorinated Pesticides	delta-BHC	ug/L		0.0025(0.0025-0.0025)	2	0	0		0.0025(0.0025-0.0025)	1	0	0
Chlorinated Pesticides	gamma-BHC (lindane)	ug/L	0.95	0.002(0.002-0.002)	2	0	0	0.95	0.002(0.002-0.002)	1	0	0
Chlorinated Pesticides	gamma-chlordane	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Conventionals	Cyanide	mg/L	0.022	0.00625(0.0025-0.01)	2	0	1	0.022	0.0025(0.0025-0.0025)	2	0	0
Conventionals	Dissolved Oxygen	mg/L	5	10.76(7.02-14.5)	2	0	2	5	13.46(9.32-17.6)*	2	0	2
Conventionals	Oil and Grease	mg/L		0.72(0.72-0.72)	2	0	0		0.72(0.72-0.72)	2	0	0
Conventionals	pH	pH units	6.5-8.5	8.18(8.04-8.32)	2	0	2	6.5-8.5	7.56(7.56-7.56)*	1	0	1
General	Alkalinity as CaCO3	mg/L		205(140-270)	2	0	2		48(48-48)	1	0	1
General	Ammonia	mg/L	4.71-8.4	0.6595(0.629-0.69)	2	0	2	36.1-36.1	0.557(0.557-0.557)	1	0	1
General	BioChemical Oxygen Dem	mg/L		6.185(4.36-8.01)	2	0	2		7.99(7.99-7.99)	1	0	1
General	Chemical Oxygen Demand	mg/L		12.5(0-25)	2	0	1		83(83-83)	1	0	1
General	Chloride	mg/L	500	287(266-308)	2	0	2	500	38.2(38.2-38.2)	1	0	1
General	Dissolved Phosphorus	mg/L		0.255(0.11-0.4)	2	0	2		0.42(0.42-0.42)	1	0	1
General	Fluoride	mg/L		0.6175(0.568-0.667)	2	0	2		0.178(0.178-0.178)	1	0	1
General	Hardness as CaCO3	mg/L		785(730-840)	2	0	2		115(115-115)	1	0	1
General	Kjeldahl-N	mg/L		3.06(2.12-4)	2	0	2		1.2(1.2-1.2)	1	0	1
General	Methyl Tertiary Butyl	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
General	Methylene Blue Active Substances	mg/L		0(0-0)	2	0	0		0.78(0.78-0.78)	1	0	1
General	NH3-N	mg/L		0.545(0.52-0.57)	2	0	2		0.46(0.46-0.46)	1	0	1
General	Nitrate (NO3)	mg/L	45	1.86(0-3.72)	2	0	1	45	2.97(2.97-2.97)	1	0	1
General	Nitrate-N	mg/L	10	0.4195(0-0.839)	2	0	1	10	0.671(0.671-0.671)	1	0	1
General	Nitrite-N	mg/L	1	0.0025(0-0.005)	2	0	0	1	0(0-0)	1	0	0
General	Phosphorus- Total (as P)	mg/L		0.32(0.23-0.41)	2	0	2		0.46(0.46-0.46)	1	0	1
General	Specific Conductance	umhos/cm		2.185(2.06-2.31)	2	0	2		248(248-248)*	1	0	1
General	Sulfate	mg/L	500	602(509-695)	2	2	2	500	54.5(54.5-54.5)	1	0	1
General	Total Dissolved Solids	mg/L	2000	1760(1520-2000)	2	0	2	2000	258(258-258)	1	0	1
General	Total Organic Carbon	mg/L		8.215(5.93-10.5)	2	0	2		10.4(10.4-10.4)	1	0	1
General	Total Petroleum Hydrocarbons	mg/L		0.75(0.75-0.75)	2	0	0		0.75(0.75-0.75)	2	0	0
General	Total Suspended Solids	mg/L		9.5(7-12)	2	0	2		70(70-70)	1	0	1
General	Turbidity	NTU		1.025(0.67-1.38)	2	0	2		18.2(18.2-18.2)*	1	0	1
General	Volatile Suspended Sol	mg/L		7(5-9)	2	0	2		23(23-23)	1	0	1
Herbicides	2-4-5-TP-SILVEX	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	1	0	0
Herbicides	2-4-D	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	1	0	0
Herbicides	Glyphosate	ug/L		2.5(2.5-2.5)	2	0	0		2.5(2.5-2.5)	1	0	0

Group	Parameter	Units	Table 4-5.6. PD 728 at Foxfield Drive Dry & Wet Weather Exceedance Summary									
			PD 728 at Foxfield Drive T30 2013-14Dry					PD 728 at Foxfield Drive TS30 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Metals	Dissolved Aluminum	ug/L		25(25-25)	2	0	0		394(394-394)	1	0	1
Metals	Dissolved Antimony	ug/L		0.385(0.1-0.67)	2	0	1		0.933(0.933-0.933)	1	0	1
Metals-CMCCCC	Dissolved Arsenic	ug/L	340	0.61(0-1.22)	2	0	1	340	1.33(1.33-1.33)	1	0	1
Metals	Dissolved Barium	ug/L		36.95(32.3-41.6)	2	0	2		27.3(27.3-27.3)	1	0	1
Metals	Dissolved Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals-CMCCCC	Dissolved Cadmium	ug/L	19.1-19.1	0.4995(0.383-0.616)	2	0	2	5	0.878(0.878-0.878)	1	0	1
Metals-CMCCCC	Dissolved Chromium	ug/L	1707.9-1707.9	1.745(1.14-2.35)	2	0	2	615.3-615.3	1.74(1.74-1.74)	1	0	1
Metals-CMCCCC	Dissolved Chromium +6	ug/L	392.8-392.8	0.125(0.125-0.125)	2	0	0	112.9-112.9	0.125(0.125-0.125)	1	0	0
Metals-CMCCCC	Dissolved Copper	ug/L	49.6-49.6	6.885(5.58-8.19)	2	0	2	15.3-15.3	14.1(14.1-14.1)	1	0	1
Metals	Dissolved Iron	ug/L		25(25-25)	2	0	0		658(658-658)	1	0	1
Metals-CMCCCC	Dissolved Lead	ug/L	280.9-280.9	0.05(0-0.1)	2	0	0	75.2-75.2	3.02(3.02-3.02)	1	0	1
Metals-CMCCCC	Dissolved Nickel	ug/L	1512.9-1512.9	13.2(11.9-14.5)	2	0	2	527-527	5.5(5.5-5.5)	1	0	1
Metals	Dissolved Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Dissolved Selenium	ug/L		5.225(3.34-7.11)	2	0	2		2.33(2.33-2.33)	1	0	1
Metals-CMCCCC	Dissolved Silver	ug/L	37.4-37.4	0.05(0.05-0.05)	2	0	0	4.4-4.4	0.05(0.05-0.05)	1	0	0
Metals	Dissolved Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals-CMCCCC	Dissolved Zinc	ug/L	379.3-379.3	30.3(22-38.6)	2	0	2	131.9-131.9	95.7(95.7-95.7)	1	0	1
Metals	Aluminum	ug/L		123(122-124)	2	0	2		3210(3210-3210)	1	0	1
Metals	Antimony	ug/L		0.459(0-0.918)	2	0	1		2.16(2.16-2.16)	1	0	1
Metals	Arsenic	ug/L		1.985(1.84-2.13)	2	0	2		1.34(1.34-1.34)	1	0	1
Metals	Barium	ug/L		46.95(42.2-51.7)	2	0	2		50.4(50.4-50.4)	1	0	1
Metals	Beryllium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Cadmium	ug/L		0.691(0.507-0.875)	2	0	2		1.24(1.24-1.24)	1	0	1
Metals	Chromium	ug/L		2.05(1.46-2.64)	2	0	2		8.48(8.48-8.48)	1	0	1
Metals	Chromium +6	ug/L		0.125(0.125-0.125)	2	0	0		0.125(0.125-0.125)	1	0	0
Metals	Copper	ug/L		10.35(7.2-13.5)	2	0	2		26(26-26)	1	0	1
Metals	Iron	ug/L		168.5(155-182)	2	0	2		4200(4200-4200)	1	0	1
Metals	Lead	ug/L		0.3145(0-0.629)	2	0	1		5.58(5.58-5.58)	1	0	1
Metals	Mercury	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Nickel	ug/L		16.5(15.1-17.9)	2	0	2		12.1(12.1-12.1)	1	0	1
Metals	Selenium	ug/L		5.535(3.48-7.59)	2	0	2		3.55(3.55-3.55)	1	0	1
Metals	Silver	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Thallium	ug/L		0.05(0.05-0.05)	2	0	0		0.05(0.05-0.05)	1	0	0
Metals	Zinc	ug/L		62.05(36.8-87.3)	2	0	2		166(166-166)	1	0	1
Organophosphate Pesticides	Atrazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	1	0	0
Organophosphate Pesticides	Chlorpyrifos	ug/L		0.01(0.01-0.01)	2	0	0		0.01(0.01-0.01)	1	0	0
Organophosphate Pesticides	Cyanazine	ug/L		0.3335(0.3335-0.3335)	2	0	0		0.3335(0.3335-0.3335)	1	0	0
Organophosphate Pesticides	Diazinon	ug/L		0.0015(0.0015-0.0015)	2	0	0		0.0015(0.0015-0.0015)	1	0	0
Organophosphate Pesticides	Malathion	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Organophosphate Pesticides	Prometryn	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Organophosphate Pesticides	Simazine	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Polychlorinated Biphenyls	PCB-1016 (Aroclor 1016	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1221 (Aroclor 1221	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1232 (Aroclor 1232	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1242 (Aroclor 1242	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1248 (Aroclor 1248	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1254 (Aroclor 1254	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Polychlorinated Biphenyls	PCB-1260 (Aroclor 1260	ug/L		0.0325(0.0325-0.0325)	2	0	0		0.0325(0.0325-0.0325)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-6-Trichlorophenol	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dichlorophenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dimethylphenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	2-4-Dinitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	2-Chlorophenol	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	2-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	4-Chloro-3-methylpheno	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	4-Nitrophenol	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Carbon (Acids)	Pentachlorophenol	ug/L	24.8-32.9	0.335(0.335-0.335)	2	0	0	8.9-8.9	0.335(0.335-0.335)	1	0	0
Semivolatile Organic Carbon (Acids)	Phenol	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Carbon (Acids)	Phenolics- Total recov	mg/L		0.015(0.015-0.015)	2	0	0		0.015(0.015-0.015)	2	0	0

Group	Parameter	Units	Table 4-5.6. PD 728 at Foxfield Drive Dry & Wet Weather Exceedance Summary									
			PD 728 at Foxfield Drive T30 2013-14Dry					PD 728 at Foxfield Drive TS30 2013-14Wet				
			WQO	Median (range)	#samples	#exceed	#detected	WQO	Median (range)	#samples	#exceed	#detected
Semivolatile Organic Compounds (Base/Neutra	1-2-4-Trichlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Benzanthracene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-2-Diphenylhydrazine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-3-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	1-4-Dichlorobenzene	ug/L		0.25(0.25-0.25)	2	0	0		0.25(0.25-0.25)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-4-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-6-Dinitrotoluene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloroethyl vinyl et	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	2	0	0
Semivolatile Organic Compounds (Base/Neutra	2-Chloronaphthalene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	3-3-Dichlorobenzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-6-Dinitro-2-methylph	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Bromophenyl phenyl e	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	4-Chlorophenyl phenyl	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Acenaphthylene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Anthracene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzidine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(a)pyrene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo(k)flouranthene	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[b]fluoranthene	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Benzo[g-h-i]perylene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethoxy) methane	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroethyl) ether	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Chloroisopropyl) ether	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Bis(2-Ethylhexl) phthalate	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Butyl benzyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Chrysene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Dibenzo(a-h)anthracene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Diethyl phthalate	ug/L		0.5(0.5-0.5)	2	0	0		0.5(0.5-0.5)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Dimethyl phthalate	ug/L		0.335(0.335-0.335)	2	0	0		0.335(0.335-0.335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluoranthene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Fluorene	ug/L		0.0165(0.0165-0.0165)	2	0	0		0.0165(0.0165-0.0165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloro-cyclopentadiene	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachlorobutadiene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Hexachloroethane	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Indeno(1-2-3-c-d)pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Isophorone	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-di-n-propyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-dimethyl amine	ug/L		0.835(0.835-0.835)	2	0	0		0.835(0.835-0.835)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	N-Nitroso-diphenyl amine	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Naphthalene	ug/L		0.0335(0.0335-0.0335)	2	0	0		0.0335(0.0335-0.0335)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Nitrobenzene	ug/L		0.165(0.165-0.165)	2	0	0		0.165(0.165-0.165)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Phenanthrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	Pyrene	ug/L		0.0085(0.0085-0.0085)	2	0	0		0.0085(0.0085-0.0085)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Butyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0
Semivolatile Organic Compounds (Base/Neutra	di-n-Octyl phthalate	ug/L		1.665(1.665-1.665)	2	0	0		1.665(1.665-1.665)	1	0	0

* Field measurements used in analysis for 2013-14Event13