| Group | Parameter | Units | Table 4-4.1. Ballona Creek at Sawtelle Blvd. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ballona Creek at Sawtelle Blvd. S01 2014-2015Dry | | | | | Ballona Creek at Sawtelle Blvd. S01 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Bacteria | E. Coli | MPN/100mL | 576 | 198.5(193.5-203.5) | 2 | 0 | 2 | 576 | 49500(34500-57940) | 3 | **1**** | 3 |
| Bacteria | Fecal Coliform | MPN/100mL | | 205(110-300) | 2 | 0 | 2 | | 160000(130000-300000) | 3 | 0 | 3 |
| Bacteria | Fecal Enterococcus | MPN/100mL | | 195(170-220) | 2 | 0 | 2 | | 500000(300000-500000) | 3 | 0 | 3 |
| Bacteria | Fecal Streptococcus | MPN/100mL | | 195(170-220) | 2 | 0 | 2 | | 500000(300000-900000) | 3 | 0 | 3 |
| Bacteria | Total Coliform | MPN/100mL | | 3050(1100-5000) | 2 | 0 | 2 | | 240000(170000-500000) | 3 | 0 | 3 |
| Chlorinated Pesticides | 4-4'-DDD | ug/L | | 0.0055(0.0055-0.0055) | 2 | 0 | 0 | | 0.0055(0.0055-0.0055) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDE | ug/L | | 0.002(0.002-0.002) | 2 | 0 | 0 | | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDT | ug/L | 1.1 | 0.005(0.005-0.005) | 2 | 0 | 0 | 1.1 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Aldrin | ug/L | 3 | 0.002(0.002-0.002) | 2 | 0 | 0 | 3 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Dieldrin | ug/L | 0.24 | 0.001(0.001-0.001) | 2 | 0 | 0 | 0.24 | 0.001(0.001-0.001) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan I (alpha) | ug/L | 0.22 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.22 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan II (beta) | ug/L | 0.22 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.22 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan sulfate | ug/L | | 0.025(0.025-0.025) | 2 | 0 | 0 | | 0.025(0.025-0.025) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin | ug/L | 0.086 | 0.003(0.003-0.003) | 2 | 0 | 0 | 0.086 | 0.003(0.003-0.003) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin aldehyde | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor | ug/L | 0.52 | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | 0.52 | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor Epoxide | ug/L | 0.52 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.52 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Methoxychlor | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Chlorinated Pesticides | Toxaphene | ug/L | 0.73 | 0.12(0.12-0.12) | 2 | 0 | 0 | 0.73 | 0.12(0.12-0.12) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-BHC | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Chlorinated Pesticides | beta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | delta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-BHC (lindane) | ug/L | 0.95 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.95 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Conventionals | Cyanide | mg/L | 0.022 | 0.00575(0.0025-0.009) | 2 | 0 | 1 | 0.22 | 0.009(0.009-0.012) | 3 | 0 | 3 |
| Conventionals | Dissolved Oxygen | mg/L | 5 | 13.6(11.3-15.9) | 2 | 0 | 2 | 5 | 7.97(3.71-9.68) | 3 | **1** | 3 |
| Conventionals | Oil and Grease | mg/L | | 0.72(0.72-0.72) | 2 | 0 | 0 | | 5.31(0.72-5.82) | 3 | 0 | 2 |
| Conventionals | pH† | pH units | 6.5-8.5 | 8.39(8.35-8.43) | 2 | 0 | 2 | 6.5-8.5 | 6.92(6.31-7.24) | 3 | **1** | 3 |
| General | Alkalinity as CaCO3 | mg/L | | 241.5(240-243) | 2 | 0 | 2 | | 34(33-86) | 3 | 0 | 3 |
| General | Ammonia | mg/L | 1.84-2.2 | 0.0605(0.0605-0.0605) | 2 | 0 | 0 | 14.4-36.1 | 0.641(0.0605-3.68) | 3 | 0 | 2 |
| General | BioChemical Oxygen Demand- Five-Day | mg/L | | 2.375(2.18-2.57) | 2 | 0 | 2 | | 15(9.41-65.4) | 3 | 0 | 3 |
| General | Chemical Oxygen Demand | mg/L | | 2.5(0-5) | 2 | 0 | 0 | | 36(0-272) | 3 | 0 | 2 |
| General | Chloride | mg/L | | 118.5(108-129) | 2 | 0 | 2 | | 15.4(7.85-24.8) | 3 | 0 | 3 |
| General | Dissolved Phosphorus | mg/L | | 0.065(0.025-0.105) | 2 | 0 | 1 | | 0.303(0.25-0.34) | 3 | 0 | 3 |
| General | Fluoride | mg/L | | 0.6345(0.629-0.64) | 2 | 0 | 2 | | 0.2(0.14-0.343) | 3 | 0 | 3 |
| General | Hardness as CaCO3 | mg/L | | 402(394-410) | 2 | 0 | 2 | | 50(50-135) | 3 | 0 | 3 |
| General | Kjeldahl-N | mg/L | | 0.598(0.436-0.76) | 2 | 0 | 2 | | 1.4(0.14-7.76) | 3 | 0 | 3 |
| General | Methyl Tertiary Butyl Ether (MTBE) | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| General | Methylene Blue Active Substances (MBAS) | mg/L | | 0.275(0-0.55) | 2 | 0 | 1 | | 0.71(0-2.47) | 3 | 0 | 2 |
| General | NH3-N | mg/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.53(0.05-3.04) | 3 | 0 | 2 |
| General | Nitrate (NO3) | mg/L | 45 | 7.13(6.52-7.74) | 2 | 0 | 2 | 45 | 3.22(0.1-4.15) | 3 | 0 | 2 |
| General | Nitrate-N | mg/L | 10 | 1.61(1.47-1.75) | 2 | 0 | 2 | 10 | 0.727(0.025-0.937) | 3 | 0 | 2 |
| General | Nitrite-N | mg/L | 1 | 0.0545(0-0.109) | 2 | 0 | 1 | 1 | 0(0-3.45) | 3 | **1** | 1 |
| General | Phosphorus- Total (as P) | mg/L | | 0.125(0.067-0.183) | 2 | 0 | 2 | | 0.993(0.628-1.37) | 3 | 0 | 3 |
| General | Specific Conductance | umhos/cm | | 1160(1150-1170) | 2 | 0 | 2 | | 157(121-288) | 3 | 0 | 3 |
| General | Sulfate | mg/L | | 202.5(189-216) | 2 | 0 | 2 | | 24.5(9.45-31.4) | 3 | 0 | 3 |
| General | Total Dissolved Solids | mg/L | | 799(774-824) | 2 | 0 | 2 | | 120(84-260) | 3 | 0 | 3 |
| General | Total Organic Carbon | mg/L | | 2.625(2.07-3.18) | 2 | 0 | 2 | | 12.3(7.22-39.7) | 3 | 0 | 3 |
| General | Total Petroleum Hydrocarbons | mg/L | | 0.75(0.75-0.75) | 2 | 0 | 0 | | 0.75(0-0.75) | 3 | 0 | 0 |
| General | Total Suspended Solids | mg/L | | 15.5(8-23) | 2 | 0 | 2 | | 248(78-624) | 9 | 0 | 9 |
| General | Turbidity | NTU | | 4.71(2.22-7.2) | 2 | 0 | 2 | | 33.8(8.84-38.9) | 3 | 0 | 3 |
| General | Volatile Suspended Solids | mg/L | | 7.5(6-9) | 2 | 0 | 2 | | 156(29-182) | 3 | 0 | 3 |

| Group | Parameter | Units | Table 4-4.1. Ballona Creek at Sawtelle Blvd. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ballona Creek at Sawtelle Blvd. S01 2014-2015Dry | | | | | Ballona Creek at Sawtelle Blvd. S01 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Herbicides | 2-4-5-TP-SILVEX | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Herbicides | 2-4-D | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Herbicides | Glyphosate | ug/L | | 2.5(2.5-2.5) | 2 | 0 | 0 | | 2.5(2.5-2.5) | 3 | 0 | 0 |
| Metals | Dissolved Aluminum | ug/L | | 95(25-165) | 2 | 0 | 1 | | 1680(1030-3280) | 3 | 0 | 3 |
| Metals | Dissolved Antimony | ug/L | | 0.521(0.504-0.538) | 2 | 0 | 2 | | 2.49(1.78-3.15) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Arsenic | ug/L | 340 | 1.785(1.63-1.94) | 2 | 0 | 2 | 340 | 1.76(1.51-2.64) | 3 | 0 | 3 |
| Metals | Dissolved Barium | ug/L | | 71(58.5-83.5) | 2 | 0 | 2 | | 96.1(59.7-189) | 3 | 0 | 3 |
| Metals | Dissolved Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Cadmium | ug/L | 18.8-19.1 | 0.05(0.05-0.05) | 2 | 0 | 0 | 2-5.9 | 0.864(0.388-1.56) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium | ug/L | 1686.9-1707.9 | 1.7555(0.641-2.87) | 2 | 0 | 2 | 311-701.6 | 3.59(3.31-12) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium +6 | ug/L | 386.9-392.8 | 1.0855(1.08-1.091) | 2 | 0 | 2 | 49.1-132.6 | 0.125(0-0.125) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Copper | ug/L | 48.9-49.6 | 6.565(6.04-7.09) | 2 | 0 | 2 | 7-17.8 | 47.2(43.7-95.6) | 3 | **3** | 3 |
| Metals | Dissolved Iron | ug/L | | 116.5(25-208) | 2 | 0 | 1 | | 2070(1360-5930) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Lead | ug/L | 276.6-280.9 | 0.815(0-1.63) | 2 | 0 | 1 | 30.1-89.4 | 66(24.8-93) | 3 | **2** | 3 |
| Metals | Dissolved Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Nickel | ug/L | 1493.7-1512.9 | 3.73(3.55-3.91) | 2 | 0 | 2 | 260.5-603.6 | 7.28(5.31-18) | 3 | 0 | 3 |
| Metals | Dissolved Selenium | ug/L | | 2.515(2.3-2.73) | 2 | 0 | 2 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Silver | ug/L | 36.5-37.4 | 0.05(0.05-0.05) | 2 | 0 | 0 | 1-5.8 | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Dissolved Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Zinc | ug/L | 374.5-379.3 | 19.25(17.9-20.6) | 2 | 0 | 2 | 65.1-151.1 | 408(286-970) | 3 | **3** | 3 |
| Metals | Aluminum | ug/L | | 360(0-720) | 2 | 0 | 1 | | 9950(4400-14800) | 3 | 0 | 3 |
| Metals | Antimony | ug/L | | 0.701(0.654-0.748) | 2 | 0 | 2 | | 6.29(5.88-13.9) | 3 | 0 | 3 |
| Metals | Arsenic | ug/L | | 2.365(2.13-2.6) | 2 | 0 | 2 | | 3.82(2.43-3.88) | 3 | 0 | 3 |
| Metals | Barium | ug/L | | 97.35(85.7-109) | 2 | 0 | 2 | | 178(100-340) | 3 | 0 | 3 |
| Metals | Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0) | 3 | 0 | 0 |
| Metals | Cadmium | ug/L | | 0.025(0-0.05) | 2 | 0 | 0 | | 1.23(0.522-1.99) | 3 | 0 | 3 |
| Metals | Chromium | ug/L | | 2.22(1.09-3.35) | 2 | 0 | 2 | | 18.3(10.4-32.5) | 3 | 0 | 3 |
| Metals | Chromium +6 | ug/L | | 1.085(1.08-1.09) | 2 | 0 | 2 | | 0.125(0-0.125) | 3 | 0 | 0 |
| Metals | Copper | ug/L | | 9.085(8.79-9.38) | 2 | 0 | 2 | | 70.1(62.5-264) | 3 | 0 | 3 |
| Metals | Iron | ug/L | | 488(131-845) | 2 | 0 | 2 | | 13500(5500-22600) | 3 | 0 | 3 |
| Metals | Lead | ug/L | | 1.595(1.01-2.18) | 2 | 0 | 2 | | 85(38.1-135) | 3 | 0 | 3 |
| Metals | Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Nickel | ug/L | | 5.825(5.37-6.28) | 2 | 0 | 2 | | 15.9(10-31.5) | 3 | 0 | 3 |
| Metals | Selenium | ug/L | | 3.145(2.7-3.59) | 2 | 0 | 2 | | 0(0-0) | 3 | 0 | 0 |
| Metals | Silver | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 1.09(0.415-1.41) | 3 | 0 | 3 |
| Metals | Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0.05) | 3 | 0 | 0 |
| Metals | Zinc | ug/L | | 40.6(25.8-55.4) | 2 | 0 | 2 | | 525(365-1220) | 3 | 0 | 3 |
| Organophosphate Pesticides | Atrazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Chlorpyrifos | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Organophosphate Pesticides | Cyanazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Diazinon | ug/L | | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Organophosphate Pesticides | Malathion | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Organophosphate Pesticides | Prometryn | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Simazine | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1016 (Aroclor 1016) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1221 (Aroclor 1221) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1232 (Aroclor 1232) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1242 (Aroclor 1242) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1248 (Aroclor 1248) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1254 (Aroclor 1254) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1260 (Aroclor 1260) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-6-Trichlorophenol | ug/L | | 1.5(1.5-1.5) | 2 | 0 | 0 | | 1.5(1.5-1.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dichlorophenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dimethylphenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dinitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Chlorophenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Chloro-3-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Pentachlorophenol | ug/L | 48.6-50.6 | 0.335(0.335-0.335) | 2 | 0 | 0 | 8.8-17.3 | 0(0-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenolics- Total recoverable | mg/L | | 0.015(0.015-0.015) | 2 | 0 | 0 | | 0.015(0.015-0.015) | 3 | 0 | 0 |

| Group | Parameter | Units | Table 4-4.1. Ballona Creek at Sawtelle Blvd. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ballona Creek at Sawtelle Blvd. S01 2014-2015Dry | | | | | Ballona Creek at Sawtelle Blvd. S01 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-4-Trichlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Benzanthracene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Diphenylhydrazine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-3-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-4-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-4-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-6-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloroethyl vinyl ether | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloronaphthalene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 3-3-Dichlorobenzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-6-Dinitro-2-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Bromophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Chlorophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthylene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Anthracene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(a)pyrene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(k)flouranthene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[b]fluoranthene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[g-h-i]perylene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethoxy) methane | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethyl) ether | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroisopropyl) ether | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Ethylhexyl) phthalate | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Butyl benzyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Chrysene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dibenzo(a-h)anthracene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Diethyl phthalate | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dimethyl phthalate | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluoranthene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluorene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloro-cyclopentadiene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobutadiene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloroethane | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Indeno(1-2-3-c-d)pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Isophorone | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-di-n-propyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-dimethyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-diphenyl amine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Naphthalene | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Nitrobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Phenanthrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Butyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Octyl phthalate | ug/L | | 1.7(1.7-1.7) | 2 | 0 | 0 | | 1.7(1.7-1.7) | 3 | 0 | 0 |

*Field measurement used in analysis.

** High Flow Suspension of bacteria water quality objectives was applied for two storm events monitored for bacteria.

*** High Flow Suspension of bacteria water quality objectives was applied for three storm events monitored for bacteria.

† † Unless otherwise noted, pH results are laboratory measurements of the composite sample.

| Group | Parameter | Units | Table 4-4.2. Malibu Creek at Piuma Rd. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Malibu Creek at Piuma Rd. S02 2014-2015Dry | | | | | Malibu Creek at Piuma Rd. S02 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Bacteria | E. Coli | MPN/100mL | 235 | 10.3(9.7-10.9) | 2 | 0 | 2 | 235 | 630(146-21100) | 3 | **2** | 3 |
| Bacteria | Fecal Coliform | MPN/100mL | | 15(10-20) | 2 | 0 | 1 | | 3000(800-22000) | 3 | 0 | 3 |
| Bacteria | Fecal Enterococcus | MPN/100mL | | 95(20-170) | 2 | 0 | 2 | | 5000(200-35000) | 3 | 0 | 3 |
| Bacteria | Fecal Streptococcus | MPN/100mL | | 105(40-170) | 2 | 0 | 2 | | 7000(200-35000) | 3 | 0 | 3 |
| Bacteria | Total Coliform | MPN/100mL | | 295(260-330) | 2 | 0 | 2 | | 24000(13000-300000) | 3 | 0 | 3 |
| Chlorinated Pesticides | 4-4'-DDD | ug/L | | 0.0055(0.0055-0.0055) | 2 | 0 | 0 | | 0.0055(0.0055-0.0055) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDE | ug/L | | 0.002(0.002-0.002) | 2 | 0 | 0 | | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDT | ug/L | 1.1 | 0.005(0.005-0.005) | 2 | 0 | 0 | 1.1 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Aldrin | ug/L | 3 | 0.002(0.002-0.002) | 2 | 0 | 0 | 3 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Dieldrin | ug/L | 0.24 | 0.001(0.001-0.001) | 2 | 0 | 0 | 0.24 | 0.001(0.001-0.001) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan I (alpha) | ug/L | 0.22 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.22 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan II (beta) | ug/L | 0.22 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.22 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan sulfate | ug/L | | 0.025(0.025-0.025) | 2 | 0 | 0 | | 0.025(0.025-0.025) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin | ug/L | 0.086 | 0.003(0.003-0.003) | 2 | 0 | 0 | 0.086 | 0.003(0.003-0.003) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin aldehyde | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor | ug/L | 0.52 | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | 0.52 | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor Epoxide | ug/L | 0.52 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.52 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Methoxychlor | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Chlorinated Pesticides | Toxaphene | ug/L | 0.73 | 0.12(0.12-0.12) | 2 | 0 | 0 | 0.73 | 0.12(0.12-0.12) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-BHC | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Chlorinated Pesticides | beta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | delta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-BHC (lindane) | ug/L | 0.95 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.95 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Conventionals | Cyanide | mg/L | 0.22 | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | 0.22 | 0.006(0.006-0.014) | 3 | 0 | 3 |
| Conventionals | Dissolved Oxygen | mg/L | 7 | 10.38(8.56-12.2) | 2 | 0 | 2 | 7 | 9.2(7.825-9.94)* | 7 | 0 | 7 |
| Conventionals | Oil and Grease | mg/L | | 0.72(0.72-0.72) | 2 | 0 | 0 | | 0.72(0.72-0.72) | 3 | 0 | 0 |
| Conventionals | pH† | pH units | 6.5-8.5 | 7.745(7.65-7.84) | 2 | 0 | 2 | 6.5-8.5 | 7.44(7.08-7.9)* | 7 | 0 | 7 |
| General | Alkalinity as CaCO3 | mg/L | | 195(186-204) | 2 | 0 | 2 | | 135(131-188) | 3 | 0 | 3 |
| General | Ammonia | mg/L | 9.65-13.3 | 0.0605(0.0605-0.0605) | 2 | 0 | 0 | 15.4-19.7 | 0.194(0.0605-0.25) | 3 | 0 | 2 |
| General | BioChemical Oxygen Demand- Five-Day | mg/L | | 1.82(0-3.64) | 2 | 0 | 1 | | 4.62(4.03-5.56) | 3 | 0 | 3 |
| General | Chemical Oxygen Demand | mg/L | | 0(0-0) | 2 | 0 | 0 | | 28(23-29) | 3 | 0 | 3 |
| General | Chloride | mg/L | 500 | 183.5(181-186) | 2 | 0 | 2 | 500 | 122(120-155) | 3 | 0 | 3 |
| General | Dissolved Phosphorus | mg/L | | 0.669(0.318-1.02) | 2 | 0 | 2 | | 0.675(0.356-0.911) | 3 | 0 | 3 |
| General | Fluoride | mg/L | | 0.533(0.51-0.556) | 2 | 0 | 2 | | 0.43(0.32-0.43) | 3 | 0 | 3 |
| General | Hardness as CaCO3 | mg/L | | 640.5(625-656) | 2 | 0 | 2 | | 570(498-823) | 3 | 0 | 3 |
| General | Kjeldahl-N | mg/L | | 0.204(0.18-0.228) | 2 | 0 | 2 | | 1.08(0.548-3.12) | 3 | 0 | 3 |
| General | Methyl Tertiary Butyl Ether (MTBE) | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| General | Methylene Blue Active Substances (MBAS) | mg/L | | 0.0025(0-0.005) | 2 | 0 | 0 | | 0(0-0) | 3 | 0 | 0 |
| General | NH3-N | mg/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.16(0.05-0.207) | 3 | 0 | 2 |
| General | Nitrate (NO3) | mg/L | 45 | 19.25(16-22.5) | 2 | 0 | 2 | 45 | 9.33(7.17-14.4) | 3 | 0 | 3 |
| General | Nitrate-N | mg/L | 10 | 4.35(3.62-5.08) | 2 | 0 | 2 | 10 | 2.11(1.62-3.25) | 3 | 0 | 3 |
| General | Nitrite-N | mg/L | 1 | 0.01(0.01-0.01) | 2 | 0 | 0 | 1 | 0(0-0.112) | 3 | 0 | 1 |
| General | Phosphorus- Total (as P) | mg/L | | 1.185(1.14-1.23) | 2 | 0 | 2 | | 0.975(0.957-1.13) | 3 | 0 | 3 |
| General | Specific Conductance | umhos/cm | | 1745(1640-1850) | 2 | 0 | 2 | | 1602(1367-2107)* | 7 | 0 | 7 |
| General | Sulfate | mg/L | 500 | 529(527-531) | 2 | **2** | 2 | 500 | 434(392-739) | 3 | **1** | 3 |
| General | Total Dissolved Solids | mg/L | 2000 | 1345(1310-1380) | 2 | 0 | 2 | 2000 | 1200(1020-1790) | 3 | 0 | 3 |
| General | Total Organic Carbon | mg/L | | 3.955(3.25-4.66) | 2 | 0 | 2 | | 10.5(6.77-12) | 3 | 0 | 3 |
| General | Total Petroleum Hydrocarbons | mg/L | | 0.75(0.75-0.75) | 2 | 0 | 0 | | 0.75(0.75-0.75) | 3 | 0 | 0 |
| General | Total Suspended Solids | mg/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 21.5(2-421) | 8 | 0 | 8 |
| General | Turbidity | NTU | | 1.65(0.53-2.77) | 2 | 0 | 2 | | 1.3(0-146.5)* | 7 | 0 | 7 |
| General | Volatile Suspended Solids | mg/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 63(41-85) | 3 | 0 | 3 |

| Group | Parameter | Units | Table 4-4.2. Malibu Creek at Piuma Rd. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Malibu Creek at Piuma Rd. S02 2014-2015Dry | | | | | Malibu Creek at Piuma Rd. S02 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Herbicides | 2-4-5-TP-SILVEX | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Herbicides | 2-4-D | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Herbicides | Glyphosate | ug/L | | 2.5(2.5-2.5) | 2 | 0 | 0 | | 2.5(2.5-2.5) | 3 | 0 | 0 |
| Metals | Dissolved Aluminum | ug/L | | 25(25-25) | 2 | 0 | 0 | | 1230(865-1510) | 3 | 0 | 3 |
| Metals | Dissolved Antimony | ug/L | | 0(0-0) | 2 | 0 | 0 | | 0.675(0-0.782) | 3 | 0 | 2 |
| Metals-CMCCCC | Dissolved Arsenic | ug/L | 340 | 0.97(0-1.94) | 2 | 0 | 1 | 340 | 2.71(2.46-2.89) | 3 | 0 | 3 |
| Metals | Dissolved Barium | ug/L | | 33.2(31.7-34.7) | 2 | 0 | 2 | | 50.8(45.7-54.2) | 3 | 0 | 3 |
| Metals | Dissolved Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Cadmium | ug/L | 19.1-19.1 | 0(0-0) | 2 | 0 | 0 | 19.1-19.1 | 1.73(1.71-2.59) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium | ug/L | 1707.9-1707.9 | 0.25(0.25-0.25) | 2 | 0 | 0 | 1707.9-1707.9 | 4.59(2.06-5.02) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium +6 | ug/L | 392.8-392.8 | 0.125(0.125-0.125) | 2 | 0 | 0 | 392.8-392.8 | 0.125(0.125-0.125) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Copper | ug/L | 49.6-49.6 | 8.665(3.43-13.9) | 2 | 0 | 2 | 49.6-49.6 | 13.1(12.5-15) | 3 | 0 | 3 |
| Metals | Dissolved Iron | ug/L | | 25(25-25) | 2 | 0 | 0 | | 2150(1990-2420) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Lead | ug/L | 280.9-280.9 | 0.05(0-0.1) | 2 | 0 | 0 | 280.9-280.9 | 2.8(2.76-3.8) | 3 | 0 | 3 |
| Metals | Dissolved Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Nickel | ug/L | 1512.9-1512.9 | 7.98(7.63-8.33) | 2 | 0 | 2 | 1512.9-1512.9 | 15.4(13.6-16) | 3 | 0 | 3 |
| Metals | Dissolved Selenium | ug/L | | 3.675(3.55-3.8) | 2 | 0 | 2 | | 8.63(4.67-8.76) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Silver | ug/L | 37.4-37.4 | 0.05(0.05-0.05) | 2 | 0 | 0 | 37.4-37.4 | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Dissolved Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Zinc | ug/L | 379.3-379.3 | 34.75(27.3-42.2) | 2 | 0 | 2 | 379.3-379.3 | 55.9(51-60.6) | 3 | 0 | 3 |
| Metals | Aluminum | ug/L | | 12.5(0-25) | 2 | 0 | 0 | | 6780(5230-7200) | 3 | 0 | 3 |
| Metals | Antimony | ug/L | | 0.5865(0.566-0.607) | 2 | 0 | 2 | | 1.57(1.52-1.59) | 3 | 0 | 3 |
| Metals | Arsenic | ug/L | | 2.095(1.82-2.37) | 2 | 0 | 2 | | 2.93(2.83-3.87) | 3 | 0 | 3 |
| Metals | Barium | ug/L | | 45.7(44.9-46.5) | 2 | 0 | 2 | | 106(88.4-112) | 3 | 0 | 3 |
| Metals | Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0) | 3 | 0 | 0 |
| Metals | Cadmium | ug/L | | 0(0-0) | 2 | 0 | 0 | | 2.32(2.3-3.5) | 3 | 0 | 3 |
| Metals | Chromium | ug/L | | 0.54(0.25-0.83) | 2 | 0 | 1 | | 13.3(10.9-15.7) | 3 | 0 | 3 |
| Metals | Chromium +6 | ug/L | | 0.125(0.125-0.125) | 2 | 0 | 0 | | 0.125(0.125-0.125) | 3 | 0 | 0 |
| Metals | Copper | ug/L | | 11.58(5.26-17.9) | 2 | 0 | 2 | | 20.6(18.8-23.4) | 3 | 0 | 3 |
| Metals | Iron | ug/L | | 0(0-0) | 2 | 0 | 0 | | 8600(6680-11200) | 3 | 0 | 3 |
| Metals | Lead | ug/L | | 0.327(0-0.654) | 2 | 0 | 1 | | 5.54(4.94-6.97) | 3 | 0 | 3 |
| Metals | Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Nickel | ug/L | | 11.15(11-11.3) | 2 | 0 | 2 | | 24.1(22.9-25.6) | 3 | 0 | 3 |
| Metals | Selenium | ug/L | | 4.26(4.13-4.39) | 2 | 0 | 2 | | 10.3(6.65-10.3) | 3 | 0 | 3 |
| Metals | Silver | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0.05) | 3 | 0 | 0 |
| Metals | Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0) | 3 | 0 | 0 |
| Metals | Zinc | ug/L | | 44.45(36.5-52.4) | 2 | 0 | 2 | | 88.1(83.2-108) | 3 | 0 | 3 |
| Organophosphate Pesticides | Atrazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Chlorpyrifos | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Organophosphate Pesticides | Cyanazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Diazinon | ug/L | | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Organophosphate Pesticides | Malathion | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Organophosphate Pesticides | Prometryn | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Simazine | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1016 (Aroclor 1016) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1221 (Aroclor 1221) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1232 (Aroclor 1232) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1242 (Aroclor 1242) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1248 (Aroclor 1248) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1254 (Aroclor 1254) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1260 (Aroclor 1260) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-6-Trichlorophenol | ug/L | | 1.5(1.5-1.5) | 2 | 0 | 0 | | 1.5(1.5-1.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dichlorophenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dimethylphenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dinitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Chlorophenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Chloro-3-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Pentachlorophenol | ug/L | 14-17.6 | 0.335(0.335-0.335) | 2 | 0 | 0 | 10.3-13.6 | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenolics- Total recoverable | mg/L | | 0.015(0.015-0.015) | 2 | 0 | 0 | | 0.015(0.015-0.015) | 3 | 0 | 0 |

| Group | Parameter | Units | Table 4-4.2. Malibu Creek at Piuma Rd. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Malibu Creek at Piuma Rd. S02 2014-2015Dry | | | | | Malibu Creek at Piuma Rd. S02 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-4-Trichlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Benzanthracene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Diphenylhydrazine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-3-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-4-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-4-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-6-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloroethyl vinyl ether | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloronaphthalene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 3-3-Dichlorobenzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-6-Dinitro-2-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Bromophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Chlorophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthylene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Anthracene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(a)pyrene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(k)flouranthene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[b]fluoranthene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[g-h-i]perylene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethoxy) methane | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethyl) ether | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroisopropyl) ether | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Ethylhexyl) phthalate | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Butyl benzyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Chrysene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dibenzo(a-h)anthracene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Diethyl phthalate | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dimethyl phthalate | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluoranthene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluorene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloro-cyclopentadiene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobutadiene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloroethane | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Indeno(1-2-3-c-d)pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Isophorone | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-di-n-propyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-dimethyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-diphenyl amine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Naphthalene | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Nitrobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Phenanthrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Butyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Octyl phthalate | ug/L | | 1.7(1.7-1.7) | 2 | 0 | 0 | | 1.7(1.7-1.7) | 3 | 0 | 0 |

*Field measurement used in analysis.

** High Flow Suspension of bacteria water quality objectives was applied for two storm events monitored for bacteria.

*** High Flow Suspension of bacteria water quality objectives was applied for three storm events monitored for bacteria.

† † Unless otherwise noted, pH results are laboratory measurements of the composite sample.

| Group | Parameter | Units | Table 4-4.3. Los Angeles River at Wardlow Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Los Angeles at Wardlow Rd. S10 2014-2015Dry | | | | | Los Angeles at Wardlow Rd. S10 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Bacteria | E. Coli | MPN/100mL | 235 | 194(100-288) | 2 | **1** | 2 | 235 | 72700(54600-178900) | 3 | **1**** | 3 |
| Bacteria | Fecal Coliform | MPN/100mL | | 105(40-170) | 2 | 0 | 2 | | 500000(240000-900000) | 3 | 0 | 3 |
| Bacteria | Fecal Enterococcus | MPN/100mL | | 180(130-230) | 2 | 0 | 2 | | 500000(500000-1600000) | 3 | 0 | 3 |
| Bacteria | Fecal Streptococcus | MPN/100mL | | 180(130-230) | 2 | 0 | 2 | | 500000(500000-1600000) | 3 | 0 | 3 |
| Bacteria | Total Coliform | MPN/100mL | | 265(230-300) | 2 | 0 | 2 | | 3000000(1600000-3500000) | 3 | 0 | 3 |
| Chlorinated Pesticides | 4-4'-DDD | ug/L | | 0.0055(0.0055-0.0055) | 2 | 0 | 0 | | 0.0055(0.0055-0.0055) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDE | ug/L | | 0.002(0.002-0.002) | 2 | 0 | 0 | | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDT | ug/L | 1.1 | 0.005(0.005-0.005) | 2 | 0 | 0 | 1.1 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Aldrin | ug/L | 3 | 0.002(0.002-0.002) | 2 | 0 | 0 | 3 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Dieldrin | ug/L | 0.24 | 0.001(0.001-0.001) | 2 | 0 | 0 | 0.24 | 0.001(0.001-0.001) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan I (alpha) | ug/L | 0.22 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.22 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan II (beta) | ug/L | 0.22 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.22 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan sulfate | ug/L | | 0.025(0.025-0.025) | 2 | 0 | 0 | | 0.025(0.025-0.025) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin | ug/L | 0.086 | 0.003(0.003-0.003) | 2 | 0 | 0 | 0.086 | 0.003(0.003-0.003) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin aldehyde | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor | ug/L | 0.52 | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | 0.52 | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor Epoxide | ug/L | 0.52 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.52 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Methoxychlor | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Chlorinated Pesticides | Toxaphene | ug/L | 0.73 | 0.12(0.12-0.12) | 2 | 0 | 0 | 0.73 | 0.12(0.12-0.12) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-BHC | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Chlorinated Pesticides | beta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | delta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-BHC (lindane) | ug/L | 0.95 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.95 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Conventionals | Cyanide | mg/L | 0.22 | 0.00775(0.0025-0.013) | 2 | 0 | 1 | 0.22 | 0.01(0.005-0.015) | 3 | 0 | 3 |
| Conventionals | Dissolved Oxygen | mg/L | 5 | 17.45(17.3-17.6) | 2 | 0 | 2 | 5 | 7.15(1.56-9.38) | 3 | **1** | 3 |
| Conventionals | Oil and Grease | mg/L | | 0.72(0.72-0.72) | 2 | 0 | 0 | | 0(0-0.72) | 3 | 0 | 0 |
| Conventionals | pH† | pH units | 6.5-8.5 | 9.385(9.29-9.48) | 2 | **2** | 2 | 6.5-8.5 | 7.06(6.85-7.27) | 3 | 0 | 3 |
| General | Alkalinity as CaCO3 | mg/L | | 139.5(135-144) | 2 | 0 | 2 | | 49(39-126) | 3 | 0 | 3 |
| General | Ammonia | mg/L | 1.32-1.32 | 0.3165(0.246-0.387) | 2 | 0 | 2 | 14.4-29.5 | 0.278(0.157-3.79) | 3 | 0 | 3 |
| General | BioChemical Oxygen Demand- Five-Day | mg/L | | 8.77(7.24-10.3) | 2 | 0 | 2 | | 15.4(6.88-58.4) | 3 | 0 | 3 |
| General | Chemical Oxygen Demand | mg/L | | 33.5(24-43) | 2 | 0 | 2 | | 29(0-140) | 3 | 0 | 2 |
| General | Chloride | mg/L | 150 | 140(136-144) | 2 | 0 | 2 | 150 | 15.3(12.7-52.1) | 3 | 0 | 3 |
| General | Dissolved Phosphorus | mg/L | | 0.151(0.143-0.159) | 2 | 0 | 2 | | 0.244(0.17-0.306) | 3 | 0 | 3 |
| General | Fluoride | mg/L | | 0.7145(0.71-0.719) | 2 | 0 | 2 | | 0.2(0.14-0.603) | 3 | 0 | 3 |
| General | Hardness as CaCO3 | mg/L | | 245.5(233-258) | 2 | 0 | 2 | | 78(58-160) | 3 | 0 | 3 |
| General | Kjeldahl-N | mg/L | | 1.645(1.09-2.2) | 2 | 0 | 2 | | 4.46(0.76-7.52) | 3 | 0 | 3 |
| General | Methyl Tertiary Butyl Ether (MTBE) | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| General | Methylene Blue Active Substances (MBAS) | mg/L | | 0.305(0-0.61) | 2 | 0 | 1 | | 0.65(0-1.95) | 3 | 0 | 2 |
| General | NH3-N | mg/L | | 0.2615(0.203-0.32) | 2 | 0 | 2 | | 0.23(0.13-3.13) | 3 | 0 | 3 |
| General | Nitrate (NO3) | mg/L | 45 | 7.255(3.61-10.9) | 2 | 0 | 2 | 45 | 4.16(3.3-9.46) | 3 | 0 | 3 |
| General | Nitrate-N | mg/L | 10 | 1.637(0.814-2.46) | 2 | 0 | 2 | 10 | 0.939(0.745-2.14) | 3 | 0 | 3 |
| General | Nitrite-N | mg/L | 1 | 0.2805(0.255-0.306) | 2 | 0 | 2 | 1 | 0(0-1.44) | 3 | **1** | 1 |
| General | Phosphorus- Total (as P) | mg/L | | 0.434(0.401-0.467) | 2 | 0 | 2 | | 1.03(0.984-1.83) | 3 | 0 | 3 |
| General | Specific Conductance | umhos/cm | | 1070(1010-1130) | 2 | 0 | 2 | | 212(177-487) | 3 | 0 | 3 |
| General | Sulfate | mg/L | 350 | 177(171-183) | 2 | 0 | 2 | 350 | 24.4(19.4-65.1) | 3 | 0 | 3 |
| General | Total Dissolved Solids | mg/L | 1500 | 678(660-696) | 2 | 0 | 2 | 1500 | 154(90-366) | 3 | 0 | 3 |
| General | Total Organic Carbon | mg/L | | 6.01(5.26-6.76) | 2 | 0 | 2 | | 9.25(5.86-26.3) | 3 | 0 | 3 |
| General | Total Petroleum Hydrocarbons | mg/L | | 0.75(0.75-0.75) | 2 | 0 | 0 | | 0.75(0.75-0.75) | 3 | 0 | 0 |
| General | Total Suspended Solids | mg/L | | 10(9-11) | 2 | 0 | 2 | | 136(25-2110) | 9 | 0 | 9 |
| General | Turbidity | NTU | | 2.28(1.7-2.86) | 2 | 0 | 2 | | 36.1(10.1-37.6) | 3 | 0 | 3 |
| General | Volatile Suspended Solids | mg/L | | 8(8-8) | 2 | 0 | 2 | | 102(57-490) | 3 | 0 | 3 |

| Group | Parameter | Units | Table 4-4.3. Los Angeles River at Wardlow Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Los Angeles at Wardlow Rd. S10 2014-2015Dry | | | | | Los Angeles at Wardlow Rd. S10 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Herbicides | 2-4-5-TP-SILVEX | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Herbicides | 2-4-D | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Herbicides | Glyphosate | ug/L | | 2.5(2.5-2.5) | 2 | 0 | 0 | | 2.5(2.5-14) | 3 | 0 | 1 |
| Metals | Dissolved Aluminum | ug/L | | 25(25-25) | 2 | 0 | 0 | | 3030(2200-3030) | 3 | 0 | 3 |
| Metals | Dissolved Antimony | ug/L | | 0.8815(0.683-1.08) | 2 | 0 | 2 | | 1.57(1.23-3.92) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Arsenic | ug/L | 340 | 0.825(0-1.65) | 2 | 0 | 1 | 340 | 1.97(1.79-3.37) | 3 | 0 | 3 |
| Metals | Dissolved Barium | ug/L | | 48.45(45.8-51.1) | 2 | 0 | 2 | | 121(90-190) | 3 | 0 | 3 |
| Metals | Dissolved Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Cadmium | ug/L | 10.7-11.9 | 0.025(0-0.05) | 2 | 0 | 0 | 2.4-7.1 | 1.17(0.966-2.94) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium | ug/L | 1097.1-1192.6 | 1.098(0.646-1.55) | 2 | 0 | 2 | 351.2-806.4 | 6.08(5.17-9.76) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium +6 | ug/L | 228.8-253.4 | 0.125(0.125-0.125) | 2 | 0 | 0 | 57-157.1 | 0.125(0-0.125) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Copper | ug/L | 29.8-32.8 | 8.765(7.23-10.3) | 2 | 0 | 2 | 8-20.9 | 45.8(45.4-155) | 3 | **3** | 3 |
| Metals | Dissolved Iron | ug/L | | 12.5(0-25) | 2 | 0 | 0 | | 4490(3110-6000) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Lead | ug/L | 160-178.2 | 0.835(0.63-1.04) | 2 | 0 | 2 | 35.5-107.3 | 56.7(30-88) | 3 | **1** | 3 |
| Metals | Dissolved Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Nickel | ug/L | 957.7-1044 | 4.555(4.52-4.59) | 2 | 0 | 2 | 295.3-696.9 | 10.6(9.68-16.8) | 3 | 0 | 3 |
| Metals | Dissolved Selenium | ug/L | | 2.18(2.14-2.22) | 2 | 0 | 2 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Silver | ug/L | 14.8-17.6 | 0.05(0.05-0.05) | 2 | 0 | 0 | 1.4-7.7 | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Dissolved Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Zinc | ug/L | 239.9-261.6 | 44.7(33.1-56.3) | 2 | 0 | 2 | 73.9-174.5 | 330(328-980) | 3 | **3** | 3 |
| Metals | Aluminum | ug/L | | 60(0-120) | 2 | 0 | 1 | | 12900(10800-17000) | 3 | 0 | 3 |
| Metals | Antimony | ug/L | | 1.0595(0.839-1.28) | 2 | 0 | 2 | | 5.02(4.11-9.89) | 3 | 0 | 3 |
| Metals | Arsenic | ug/L | | 1.68(1.42-1.94) | 2 | 0 | 2 | | 3.81(3.61-5.95) | 3 | 0 | 3 |
| Metals | Barium | ug/L | | 63.5(62.1-64.9) | 2 | 0 | 2 | | 196(175-420) | 3 | 0 | 3 |
| Metals | Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0) | 3 | 0 | 0 |
| Metals | Cadmium | ug/L | | 0(0-0) | 2 | 0 | 0 | | 1.3(1.23-3.63) | 3 | 0 | 3 |
| Metals | Chromium | ug/L | | 1.65(1.17-2.13) | 2 | 0 | 2 | | 18.5(16.6-34.8) | 3 | 0 | 3 |
| Metals | Chromium +6 | ug/L | | 0.125(0.125-0.125) | 2 | 0 | 0 | | 0.125(0-0.125) | 3 | 0 | 0 |
| Metals | Copper | ug/L | | 11.29(9.68-12.9) | 2 | 0 | 2 | | 64(58-273) | 3 | 0 | 3 |
| Metals | Iron | ug/L | | 146(104-188) | 2 | 0 | 2 | | 17300(14700-30900) | 3 | 0 | 3 |
| Metals | Lead | ug/L | | 1.1465(0.723-1.57) | 2 | 0 | 2 | | 67.7(45.4-134) | 3 | 0 | 3 |
| Metals | Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Nickel | ug/L | | 6.47(6.3-6.64) | 2 | 0 | 2 | | 18.6(18.3-31.3) | 3 | 0 | 3 |
| Metals | Selenium | ug/L | | 2.56(2.15-2.97) | 2 | 0 | 2 | | 1(0-1.33) | 3 | 0 | 2 |
| Metals | Silver | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.435(0.319-1.46) | 3 | 0 | 3 |
| Metals | Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0) | 3 | 0 | 0 |
| Metals | Zinc | ug/L | | 44.3(27.8-60.8) | 2 | 0 | 2 | | 447(398-1280) | 3 | 0 | 3 |
| Organophosphate Pesticides | Atrazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Chlorpyrifos | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Organophosphate Pesticides | Cyanazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Diazinon | ug/L | | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Organophosphate Pesticides | Malathion | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Organophosphate Pesticides | Prometryn | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Simazine | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1016 (Aroclor 1016) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1221 (Aroclor 1221) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1232 (Aroclor 1232) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1242 (Aroclor 1242) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1248 (Aroclor 1248) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1254 (Aroclor 1254) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1260 (Aroclor 1260) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-6-Trichlorophenol | ug/L | | 1.5(1.5-1.5) | 2 | 0 | 0 | | 1.5(1.5-1.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dichlorophenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dimethylphenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dinitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Chlorophenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Chloro-3-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Pentachlorophenol | ug/L | 98.3-128.9 | 0.335(0.335-0.335) | 2 | 0 | 0 | 10.3-17.5 | 0(0-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenolics- Total recoverable | mg/L | | 0.015(0.015-0.015) | 2 | 0 | 0 | | 0.015(0.015-0.015) | 3 | 0 | 0 |

| Group | Parameter | Units | Table 4-4.3. Los Angeles River at Wardlow Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Los Angeles at Wardlow Rd. S10 2014-2015Dry | | | | | Los Angeles at Wardlow Rd. S10 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-4-Trichlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Benzanthracene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Diphenylhydrazine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-3-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-4-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-4-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-6-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloroethyl vinyl ether | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloronaphthalene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 3-3-Dichlorobenzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-6-Dinitro-2-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Bromophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Chlorophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthylene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Anthracene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(a)pyrene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(k)flouranthene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[b]fluoranthene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[g-h-i]perylene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethoxy) methane | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethyl) ether | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroisopropyl) ether | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Ethylhexyl) phthalate | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Butyl benzyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Chrysene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dibenzo(a-h)anthracene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Diethyl phthalate | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dimethyl phthalate | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluoranthene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluorene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloro-cyclopentadiene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobutadiene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloroethane | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Indeno(1-2-3-c-d)pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Isophorone | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-di-n-propyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-dimethyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-diphenyl amine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Naphthalene | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0-0.0335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Nitrobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Phenanthrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Butyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Octyl phthalate | ug/L | | 1.7(1.7-1.7) | 2 | 0 | 0 | | 1.7(1.7-1.7) | 3 | 0 | 0 |

*Field measurement used in analysis.

** High Flow Suspension of bacteria water quality objectives was applied for two storm events monitored for bacteria.

*** High Flow Suspension of bacteria water quality objectives was applied for three storm events monitored for bacteria.

† † Unless otherwise noted, pH results are laboratory measurements of the composite sample.

| Group | Parameter | Units | Table 4-4.4. Coyote Creek at Spring St. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Coyote Creek at Spring St. S13 2014-2015Dry | | | | | Coyote Creek at Spring St. S13 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Bacteria | E. Coli | MPN/100mL | 235 | 425.5(305-546) | 2 | **2** | 2 | 235 | 14136(10462-21300) | 3 | **1**** | 3 |
| Bacteria | Fecal Coliform | MPN/100mL | | 360(220-500) | 2 | 0 | 2 | | 80000(50000-90000) | 3 | 0 | 3 |
| Bacteria | Fecal Enterococcus | MPN/100mL | | 695(90-1300) | 2 | 0 | 2 | | 160000(160000-240000) | 3 | 0 | 3 |
| Bacteria | Fecal Streptococcus | MPN/100mL | | 720(140-1300) | 2 | 0 | 2 | | 160000(160000-240000) | 3 | 0 | 3 |
| Bacteria | Total Coliform | MPN/100mL | | 20000(5000-35000) | 2 | 0 | 2 | | 300000(240000-900000) | 3 | 0 | 3 |
| Chlorinated Pesticides | 4-4'-DDD | ug/L | | 0.0055(0.0055-0.0055) | 2 | 0 | 0 | | 0.0055(0.0055-0.0055) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDE | ug/L | | 0.002(0.002-0.002) | 2 | 0 | 0 | | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDT | ug/L | 1.1 | 0.005(0.005-0.005) | 2 | 0 | 0 | 1.1 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Aldrin | ug/L | 3 | 0.002(0.002-0.002) | 2 | 0 | 0 | 3 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Dieldrin | ug/L | 0.24 | 0.001(0.001-0.001) | 2 | 0 | 0 | 0.24 | 0.001(0.001-0.001) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan I (alpha) | ug/L | 0.22 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.22 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan II (beta) | ug/L | 0.22 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.22 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan sulfate | ug/L | | 0.025(0.025-0.025) | 2 | 0 | 0 | | 0.025(0.025-0.025) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin | ug/L | 0.086 | 0.003(0.003-0.003) | 2 | 0 | 0 | 0.086 | 0.003(0.003-0.003) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin aldehyde | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor | ug/L | 0.52 | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | 0.52 | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor Epoxide | ug/L | 0.52 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.52 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Methoxychlor | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Chlorinated Pesticides | Toxaphene | ug/L | 0.73 | 0.12(0.12-0.12) | 2 | 0 | 0 | 0.73 | 0.12(0.12-0.12) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-BHC | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Chlorinated Pesticides | beta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | delta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-BHC (lindane) | ug/L | 0.95 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.95 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Conventionals | Cyanide | mg/L | 0.22 | 0.00575(0.0025-0.009) | 2 | 0 | 1 | 0.22 | 0.0025(0.0025-0.007) | 3 | 0 | 1 |
| Conventionals | Dissolved Oxygen | mg/L | 5 | 15.45(11.5-19.4) | 2 | 0 | 2 | 5 | 9.39(2.9-9.7) | 3 | **1** | 3 |
| Conventionals | Oil and Grease | mg/L | | 0.72(0.72-0.72) | 2 | 0 | 0 | | 0(0-0.72) | 3 | 0 | 0 |
| Conventionals | pH† | pH units | 6.5-8.5 | 8.66(8.55-8.77) | 2 | **2** | 2 | 6.5-8.5 | 6.99(6.87-7.25) | 3 | 0 | 3 |
| General | Alkalinity as CaCO3 | mg/L | | 208(194-222) | 2 | 0 | 2 | | 38(33-149) | 3 | 0 | 3 |
| General | Ammonia | mg/L | 3.2-19.9 | 0.11475(0.0605-0.169) | 2 | 0 | 1 | 1.84-17 | 0.254(0.242-1.46) | 3 | 0 | 3 |
| General | BioChemical Oxygen Demand- Five-Day | mg/L | | 6.7(4.46-8.94) | 2 | 0 | 2 | | 12.4(8.55-25.1) | 3 | 0 | 3 |
| General | Chemical Oxygen Demand | mg/L | | 22(21-23) | 2 | 0 | 2 | | 32(28-93) | 3 | 0 | 3 |
| General | Chloride | mg/L | | 171.5(151-192) | 2 | 0 | 2 | | 8.01(6.4-28.4) | 3 | 0 | 3 |
| General | Dissolved Phosphorus | mg/L | | 0.1775(0.025-0.33) | 2 | 0 | 1 | | 0.192(0.172-0.213) | 3 | 0 | 3 |
| General | Fluoride | mg/L | | 0.857(0.734-0.98) | 2 | 0 | 2 | | 0.16(0.13-0.382) | 3 | 0 | 3 |
| General | Hardness as CaCO3 | mg/L | | 325.5(295-356) | 2 | 0 | 2 | | 48(45-135) | 3 | 0 | 3 |
| General | Kjeldahl-N | mg/L | | 0.865(0.72-1.01) | 2 | 0 | 2 | | 1.22(1.16-4) | 3 | 0 | 3 |
| General | Methyl Tertiary Butyl Ether (MTBE) | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| General | Methylene Blue Active Substances (MBAS) | mg/L | | 0.555(0.53-0.58) | 2 | 0 | 2 | | 0.59(0-1.64) | 3 | 0 | 2 |
| General | NH3-N | mg/L | | 0.095(0.05-0.14) | 2 | 0 | 1 | | 0.21(0.2-1.21) | 3 | 0 | 3 |
| General | Nitrate (NO3) | mg/L | 45 | 8.1(4.6-11.6) | 2 | 0 | 2 | 45 | 2.67(2.66-11) | 3 | 0 | 3 |
| General | Nitrate-N | mg/L | 10 | 1.83(1.04-2.62) | 2 | 0 | 2 | 10 | 0.603(0.6-2.47) | 3 | 0 | 3 |
| General | Nitrite-N | mg/L | 1 | 0.1425(0.133-0.152) | 2 | 0 | 2 | 1 | 0(0-0.316) | 3 | 0 | 1 |
| General | Phosphorus- Total (as P) | mg/L | | 0.235(0.025-0.445) | 2 | 0 | 1 | | 0.946(0.683-0.947) | 3 | 0 | 3 |
| General | Specific Conductance | umhos/cm | | 1530(1250-1810) | 2 | 0 | 2 | | 128(107-330) | 3 | 0 | 3 |
| General | Sulfate | mg/L | | 318(270-366) | 2 | 0 | 2 | | 12.3(9.74-41.9) | 3 | 0 | 3 |
| General | Total Dissolved Solids | mg/L | | 1004(848-1160) | 2 | 0 | 2 | | 102(94-272) | 3 | 0 | 3 |
| General | Total Organic Carbon | mg/L | | 5.69(3.3-8.08) | 2 | 0 | 2 | | 7.92(6.19-18.5) | 3 | 0 | 3 |
| General | Total Petroleum Hydrocarbons | mg/L | | 0.75(0.75-0.75) | 2 | 0 | 0 | | 0.75(0.75-0.75) | 3 | 0 | 0 |
| General | Total Suspended Solids | mg/L | | 5.5(3-8) | 2 | 0 | 2 | | 195.5(46-1760) | 10 | 0 | 10 |
| General | Turbidity | NTU | | 1.42(1.23-1.61) | 2 | 0 | 2 | | 19.4(11.5-32.2) | 3 | 0 | 3 |
| General | Volatile Suspended Solids | mg/L | | 4.5(3-6) | 2 | 0 | 2 | | 92(23-394) | 3 | 0 | 3 |

| Group | Parameter | Units | Table 4-4.4. Coyote Creek at Spring St. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Coyote Creek at Spring St. S13 2014-2015Dry | | | | | Coyote Creek at Spring St. S13 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Herbicides | 2-4-5-TP-SILVEX | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Herbicides | 2-4-D | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Herbicides | Glyphosate | ug/L | | 2.5(2.5-2.5) | 2 | 0 | 0 | | 2.5(2.5-14) | 3 | 0 | 1 |
| Metals | Dissolved Aluminum | ug/L | | 25(25-25) | 2 | 0 | 0 | | 1360(675-1600) | 3 | 0 | 3 |
| Metals | Dissolved Antimony | ug/L | | 0.6255(0.597-0.654) | 2 | 0 | 2 | | 1.74(1.07-3.16) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Arsenic | ug/L | 340 | 4.445(3.16-5.73) | 2 | 0 | 2 | 340 | 1.77(1.5-2.75) | 3 | 0 | 3 |
| Metals | Dissolved Barium | ug/L | | 71.65(55.2-88.1) | 2 | 0 | 2 | | 83.3(52.1-131) | 3 | 0 | 3 |
| Metals | Dissolved Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Cadmium | ug/L | 13.8-16.9 | 0.05(0.05-0.05) | 2 | 0 | 0 | 1.8-5.9 | 0.539(0.37-1.06) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium | ug/L | 1330.9-1552.4 | 1.446(0.902-1.99) | 2 | 0 | 2 | 285.3-701.6 | 3.77(1.62-6.33) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium +6 | ug/L | 289.7-349.6 | 0(0-0) | 2 | 0 | 0 | 44.2-132.6 | 0.125(0-0.125) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Copper | ug/L | 37.2-44.4 | 7.24(5.79-8.69) | 2 | 0 | 2 | 6.3-17.8 | 40.6(20-52.8) | 3 | **3** | 3 |
| Metals | Dissolved Iron | ug/L | | 25(25-25) | 2 | 0 | 0 | | 1900(735-2380) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Lead | ug/L | 205-249.1 | 0(0-0) | 2 | 0 | 0 | 26.8-89.4 | 26.4(15.3-30) | 3 | 0 | 3 |
| Metals | Dissolved Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Nickel | ug/L | 1169.3-1370.9 | 3.585(3.25-3.92) | 2 | 0 | 2 | 238.3-603.6 | 8.19(4.68-13.8) | 3 | 0 | 3 |
| Metals | Dissolved Selenium | ug/L | | 3.96(3.39-4.53) | 2 | 0 | 2 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Silver | ug/L | 22.2-30.6 | 0.05(0.05-0.05) | 2 | 0 | 0 | 0.9-5.8 | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Dissolved Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Zinc | ug/L | 293-343.6 | 9.33(7.26-11.4) | 2 | 0 | 2 | 59.6-151.1 | 377(143-472) | 3 | **3** | 3 |
| Metals | Aluminum | ug/L | | 12.5(0-25) | 2 | 0 | 0 | | 7800(5650-8350) | 3 | 0 | 3 |
| Metals | Antimony | ug/L | | 0.804(0.739-0.869) | 2 | 0 | 2 | | 5.64(3.32-8.06) | 3 | 0 | 3 |
| Metals | Arsenic | ug/L | | 5.29(3.92-6.66) | 2 | 0 | 2 | | 3.27(2.96-4.1) | 3 | 0 | 3 |
| Metals | Barium | ug/L | | 95.1(72.2-118) | 2 | 0 | 2 | | 149(112-222) | 3 | 0 | 3 |
| Metals | Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0) | 3 | 0 | 0 |
| Metals | Cadmium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.741(0.545-1.22) | 3 | 0 | 3 |
| Metals | Chromium | ug/L | | 1.695(1.19-2.2) | 2 | 0 | 2 | | 16(11.2-17.8) | 3 | 0 | 3 |
| Metals | Chromium +6 | ug/L | | 0(0-0) | 2 | 0 | 0 | | 0.125(0-0.125) | 3 | 0 | 0 |
| Metals | Copper | ug/L | | 8.985(7.99-9.98) | 2 | 0 | 2 | | 58.9(34.8-80.9) | 3 | 0 | 3 |
| Metals | Iron | ug/L | | 0(0-0) | 2 | 0 | 0 | | 9650(7780-13600) | 3 | 0 | 3 |
| Metals | Lead | ug/L | | 0.6805(0.508-0.853) | 2 | 0 | 2 | | 35.7(25-38) | 3 | 0 | 3 |
| Metals | Mercury | ug/L | | 0.025(0-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Nickel | ug/L | | 5.435(4.93-5.94) | 2 | 0 | 2 | | 16.9(12.8-24.5) | 3 | 0 | 3 |
| Metals | Selenium | ug/L | | 4.91(4.73-5.09) | 2 | 0 | 2 | | 0(0-0) | 3 | 0 | 0 |
| Metals | Silver | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.253(0-0.358) | 3 | 0 | 2 |
| Metals | Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0) | 3 | 0 | 0 |
| Metals | Zinc | ug/L | | 24.6(20.8-28.4) | 2 | 0 | 2 | | 500(297-605) | 3 | 0 | 3 |
| Organophosphate Pesticides | Atrazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Chlorpyrifos | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Organophosphate Pesticides | Cyanazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Diazinon | ug/L | | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Organophosphate Pesticides | Malathion | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Organophosphate Pesticides | Prometryn | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Simazine | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1016 (Aroclor 1016) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1221 (Aroclor 1221) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1232 (Aroclor 1232) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1242 (Aroclor 1242) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1248 (Aroclor 1248) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1254 (Aroclor 1254) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1260 (Aroclor 1260) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-6-Trichlorophenol | ug/L | | 1.5(1.5-1.5) | 2 | 0 | 0 | | 1.5(1.5-1.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dichlorophenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dimethylphenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dinitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Chlorophenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Chloro-3-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Pentachlorophenol | ug/L | 13.7-40.2 | 0.335(0.335-0.335) | 2 | 0 | 0 | 15.2-51.7 | 0(0-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenolics- Total recoverable | mg/L | | 0.015(0.015-0.015) | 2 | 0 | 0 | | 0.015(0.015-0.015) | 3 | 0 | 0 |

| Group | Parameter | Units | Table 4-4.4. Coyote Creek at Spring St. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Coyote Creek at Spring St. S13 2014-2015Dry | | | | | Coyote Creek at Spring St. S13 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-4-Trichlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Benzanthracene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Diphenylhydrazine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-3-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-4-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-4-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-6-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloroethyl vinyl ether | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloronaphthalene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 3-3-Dichlorobenzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-6-Dinitro-2-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Bromophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Chlorophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthylene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Anthracene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(a)pyrene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(k)flouranthene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[b]fluoranthene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[g-h-i]perylene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethoxy) methane | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethyl) ether | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroisopropyl) ether | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Ethylhexyl) phthalate | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Butyl benzyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Chrysene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dibenzo(a-h)anthracene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Diethyl phthalate | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dimethyl phthalate | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluoranthene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluorene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloro-cyclopentadiene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobutadiene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloroethane | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Indeno(1-2-3-c-d)pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Isophorone | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-di-n-propyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-dimethyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-diphenyl amine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Naphthalene | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Nitrobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Phenanthrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Butyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Octyl phthalate | ug/L | | 1.7(1.7-1.7) | 2 | 0 | 0 | | 1.7(1.7-1.7) | 3 | 0 | 0 |

*Field measurement used in analysis.

** High Flow Suspension of bacteria water quality objectives was applied for two storm events monitored for bacteria.

*** High Flow Suspension of bacteria water quality objectives was applied for three storm events monitored for bacteria.

† † Unless otherwise noted, pH results are laboratory measurements of the composite sample.

| Group | Parameter | Units | Table 4-4.5. San Gabriel River at SGR Parkway Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | San Gabriel River at SGR Parkway S14 2014-2015Dry | | | | | San Gabriel River at SGR Parkway S14 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Bacteria | E. Coli | MPN/100mL | 235 | 88(88-88) | 1 | 0 | 1 | 235 | 24192(21430-51720) | 3 | 0*** | 3 |
| Bacteria | Fecal Coliform | MPN/100mL | | 110(110-110) | 1 | 0 | 1 | | 130000(30000-350000) | 3 | 0 | 3 |
| Bacteria | Fecal Enterococcus | MPN/100mL | | 170(170-170) | 1 | 0 | 1 | | 900000(300000-2400000) | 3 | 0 | 3 |
| Bacteria | Fecal Streptococcus | MPN/100mL | | 170(170-170) | 1 | 0 | 1 | | 900000(300000-2400000) | 3 | 0 | 3 |
| Bacteria | Total Coliform | MPN/100mL | | 500(500-500) | 1 | 0 | 1 | | 900000(240000-2400000) | 3 | 0 | 3 |
| Chlorinated Pesticides | 4-4'-DDD | ug/L | | 0.0055(0.0055-0.0055) | 1 | 0 | 0 | | 0.0055(0.0055-0.0055) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDE | ug/L | | 0.002(0.002-0.002) | 1 | 0 | 0 | | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDT | ug/L | 1.1 | 0.005(0.005-0.005) | 1 | 0 | 0 | 1.1 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Aldrin | ug/L | 3 | 0.002(0.002-0.002) | 1 | 0 | 0 | 3 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Dieldrin | ug/L | 0.24 | 0.001(0.001-0.001) | 1 | 0 | 0 | 0.24 | 0.001(0.001-0.001) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan I (alpha) | ug/L | 0.22 | 0.005(0.005-0.005) | 1 | 0 | 0 | 0.22 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan II (beta) | ug/L | 0.22 | 0.002(0.002-0.002) | 1 | 0 | 0 | 0.22 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan sulfate | ug/L | | 0.025(0.025-0.025) | 1 | 0 | 0 | | 0.025(0.025-0.025) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin | ug/L | 0.086 | 0.003(0.003-0.003) | 1 | 0 | 0 | 0.086 | 0.003(0.003-0.003) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin aldehyde | ug/L | | 0.005(0.005-0.005) | 1 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor | ug/L | 0.52 | 0.0015(0.0015-0.0015) | 1 | 0 | 0 | 0.52 | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor Epoxide | ug/L | 0.52 | 0.005(0.005-0.005) | 1 | 0 | 0 | 0.52 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Methoxychlor | ug/L | | 0.25(0.25-0.25) | 1 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Chlorinated Pesticides | Toxaphene | ug/L | 0.73 | 0.12(0.12-0.12) | 1 | 0 | 0 | 0.73 | 0.12(0.12-0.12) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-BHC | ug/L | | 0.005(0.005-0.005) | 1 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 1 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Chlorinated Pesticides | beta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 1 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | delta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 1 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-BHC (lindane) | ug/L | 0.95 | 0.002(0.002-0.002) | 1 | 0 | 0 | 0.95 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 1 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Conventionals | Cyanide | mg/L | 0.22 | 0.0025(0.0025-0.0025) | 1 | 0 | 0 | 0.22 | 0.0025(0.0025-0.029) | 3 | **1** | 1 |
| Conventionals | Dissolved Oxygen | mg/L | 5 | 9.71(9.71-9.71) | 1 | 0 | 1 | 5 | 8.7(2.91-9.2) | 3 | **1** | 3 |
| Conventionals | Oil and Grease | mg/L | | 0.72(0.72-0.72) | 1 | 0 | 0 | | 0.72(0.72-0.72) | 3 | 0 | 0 |
| Conventionals | pH† | pH units | 6.5-8.5 | 7.98(7.98-7.98) | 1 | 0 | 1 | 6.5-8.5 | 7.52(7.18-7.54) | 3 | 0 | 3 |
| General | Alkalinity as CaCO3 | mg/L | | 88(88-88) | 1 | 0 | 1 | | 74(56-108) | 3 | 0 | 3 |
| General | Ammonia | mg/L | 8.4-8.4 | 0.0605(0.0605-0.0605) | 1 | 0 | 0 | 12.1-17 | 0.0605(0.0605-1.48) | 3 | 0 | 1 |
| General | BioChemical Oxygen Demand- Five-Day | mg/L | | 2.52(2.52-2.52) | 1 | 0 | 1 | | 14.3(7.94-17.2) | 3 | 0 | 3 |
| General | Chemical Oxygen Demand | mg/L | | 5(5-5) | 1 | 0 | 0 | | 44(0-60) | 3 | 0 | 2 |
| General | Chloride | mg/L | 150 | 94.4(94.4-94.4) | 1 | 0 | 1 | 150 | 42.9(14.3-92) | 3 | 0 | 3 |
| General | Dissolved Phosphorus | mg/L | | 0.025(0.025-0.025) | 1 | 0 | 0 | | 0.166(0.129-0.228) | 3 | 0 | 3 |
| General | Fluoride | mg/L | | 0.227(0.227-0.227) | 1 | 0 | 1 | | 0.2(0.17-0.43) | 3 | 0 | 3 |
| General | Hardness as CaCO3 | mg/L | | 140(140-140) | 1 | 0 | 1 | | 115(90-213) | 3 | 0 | 3 |
| General | Kjeldahl-N | mg/L | | 0.38(0.38-0.38) | 1 | 0 | 1 | | 1.24(1.12-4.32) | 3 | 0 | 3 |
| General | Methyl Tertiary Butyl Ether (MTBE) | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| General | Methylene Blue Active Substances (MBAS) | mg/L | | 0(0-0) | 1 | 0 | 0 | | 0(0-0.005) | 3 | 0 | 0 |
| General | NH3-N | mg/L | | 0.05(0.05-0.05) | 1 | 0 | 0 | | 0.05(0.05-1.22) | 3 | 0 | 1 |
| General | Nitrate (NO3) | mg/L | 45 | 4.54(4.54-4.54) | 1 | 0 | 1 | 45 | 8.47(4.07-22) | 3 | 0 | 3 |
| General | Nitrate-N | mg/L | 10 | 1.02(1.02-1.02) | 1 | 0 | 1 | 10 | 1.91(0.919-4.97) | 3 | 0 | 3 |
| General | Nitrite-N | mg/L | 1 | 0(0-0) | 1 | 0 | 0 | 1 | 0(0-0.301) | 3 | 0 | 1 |
| General | Phosphorus- Total (as P) | mg/L | | 0.072(0.072-0.072) | 1 | 0 | 1 | | 0.593(0.574-0.99) | 3 | 0 | 3 |
| General | Specific Conductance | umhos/cm | | 674(674-674) | 1 | 0 | 1 | | 431(212-775) | 3 | 0 | 3 |
| General | Sulfate | mg/L | 300 | 95.7(95.7-95.7) | 1 | 0 | 1 | 300 | 50.6(22.9-128) | 3 | 0 | 3 |
| General | Total Dissolved Solids | mg/L | 750 | 404(404-404) | 1 | 0 | 1 | 750 | 244(176-526) | 3 | 0 | 3 |
| General | Total Organic Carbon | mg/L | | 2.91(2.91-2.91) | 1 | 0 | 1 | | 17.4(6.43-18.9) | 3 | 0 | 3 |
| General | Total Petroleum Hydrocarbons | mg/L | | 0.75(0.75-0.75) | 1 | 0 | 0 | | 0.75(0.75-0.75) | 3 | 0 | 0 |
| General | Total Suspended Solids | mg/L | | 5(5-5) | 1 | 0 | 1 | | 36(14-851) | 11 | 0 | 11 |
| General | Turbidity | NTU | | 2.14(2.14-2.14) | 1 | 0 | 1 | | 40.4(12.9-195) | 3 | 0 | 3 |
| General | Volatile Suspended Solids | mg/L | | 4(4-4) | 1 | 0 | 1 | | 74(19-129) | 3 | 0 | 3 |

| Group | Parameter | Units | Table 4-4.5. San Gabriel River at SGR Parkway Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | San Gabriel River at SGR Parkway S14 2014-2015Dry | | | | | San Gabriel River at SGR Parkway S14 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Herbicides | 2-4-5-TP-SILVEX | ug/L | | 0.0335(0.0335-0.0335) | 1 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Herbicides | 2-4-D | ug/L | | 0.01(0.01-0.01) | 1 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Herbicides | Glyphosate | ug/L | | 2.5(2.5-2.5) | 1 | 0 | 0 | | 2.5(2.5-11) | 3 | 0 | 1 |
| Metals | Dissolved Aluminum | ug/L | | 25(25-25) | 1 | 0 | 0 | | 1060(25-2780) | 3 | 0 | 2 |
| Metals | Dissolved Antimony | ug/L | | 0(0-0) | 1 | 0 | 0 | | 0.897(0.871-2.55) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Arsenic | ug/L | 340 | 4.36(4.36-4.36) | 1 | 0 | 1 | 340 | 1.6(1.35-1.87) | 3 | 0 | 3 |
| Metals | Dissolved Barium | ug/L | | 43.1(43.1-43.1) | 1 | 0 | 1 | | 87.8(55.2-128) | 3 | 0 | 3 |
| Metals | Dissolved Beryllium | ug/L | | 0.05(0.05-0.05) | 1 | 0 | 0 | | 0(0-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Cadmium | ug/L | 6.1-6.1 | 0.05(0.05-0.05) | 1 | 0 | 0 | 3.8-9.7 | 0.05(0-0.465) | 3 | 0 | 1 |
| Metals-CMCCCC | Dissolved Chromium | ug/L | 722.8-722.8 | 0.626(0.626-0.626) | 1 | 0 | 1 | 503.4-1019.3 | 2.5(1.93-4.34) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium +6 | ug/L | 137.5-137.5 | 0(0-0) | 1 | 0 | 0 | 88.4-209.2 | 0.125(0.125-0.125) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Copper | ug/L | 18.4-18.4 | 3.99(3.99-3.99) | 1 | 0 | 1 | 12.2-27.4 | 9.23(8.78-21.5) | 3 | **1** | 3 |
| Metals | Dissolved Iron | ug/L | | 25(25-25) | 1 | 0 | 0 | | 1360(0-2640) | 3 | 0 | 2 |
| Metals-CMCCCC | Dissolved Lead | ug/L | 93-93 | 0.531(0.531-0.531) | 1 | 0 | 1 | 57.6-145.6 | 10(0.637-29.7) | 3 | 0 | 3 |
| Metals | Dissolved Mercury | ug/L | | 0.05(0.05-0.05) | 1 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Nickel | ug/L | 622.4-622.4 | 1.54(1.54-1.54) | 1 | 0 | 1 | 428.3-887.7 | 5.32(4.32-6.19) | 3 | 0 | 3 |
| Metals | Dissolved Selenium | ug/L | | 1.66(1.66-1.66) | 1 | 0 | 1 | | 0.25(0-1.07) | 3 | 0 | 1 |
| Metals-CMCCCC | Dissolved Silver | ug/L | 6.2-6.2 | 0.05(0.05-0.05) | 1 | 0 | 0 | 2.9-12.7 | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Dissolved Thallium | ug/L | | 0.05(0.05-0.05) | 1 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Zinc | ug/L | 155.8-155.8 | 20.2(20.2-20.2) | 1 | 0 | 1 | 107.2-222.4 | 53(36.4-107) | 3 | 0 | 3 |
| Metals | Aluminum | ug/L | | 180(180-180) | 1 | 0 | 1 | | 4320(1330-16900) | 3 | 0 | 3 |
| Metals | Antimony | ug/L | | 0.536(0.536-0.536) | 1 | 0 | 1 | | 2.8(1.3-3.64) | 3 | 0 | 3 |
| Metals | Arsenic | ug/L | | 4.66(4.66-4.66) | 1 | 0 | 1 | | 3.47(1.86-6.72) | 3 | 0 | 3 |
| Metals | Barium | ug/L | | 57.4(57.4-57.4) | 1 | 0 | 1 | | 107(96.2-242) | 3 | 0 | 3 |
| Metals | Beryllium | ug/L | | 0.05(0.05-0.05) | 1 | 0 | 0 | | 0.05(0-0.719) | 3 | 0 | 1 |
| Metals | Cadmium | ug/L | | 0.05(0.05-0.05) | 1 | 0 | 0 | | 0.26(0-0.643) | 3 | 0 | 2 |
| Metals | Chromium | ug/L | | 0.758(0.758-0.758) | 1 | 0 | 1 | | 6.45(4.96-20.9) | 3 | 0 | 3 |
| Metals | Chromium +6 | ug/L | | 0(0-0) | 1 | 0 | 0 | | 0.125(0.125-0.125) | 3 | 0 | 0 |
| Metals | Copper | ug/L | | 4.23(4.23-4.23) | 1 | 0 | 1 | | 21.5(13.3-38.6) | 3 | 0 | 3 |
| Metals | Iron | ug/L | | 223(223-223) | 1 | 0 | 1 | | 5910(2310-20000) | 3 | 0 | 3 |
| Metals | Lead | ug/L | | 0.967(0.967-0.967) | 1 | 0 | 1 | | 11.8(8.06-46.6) | 3 | 0 | 3 |
| Metals | Mercury | ug/L | | 0.05(0.05-0.05) | 1 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Nickel | ug/L | | 2.58(2.58-2.58) | 1 | 0 | 1 | | 10.2(6.66-14.1) | 3 | 0 | 3 |
| Metals | Selenium | ug/L | | 2.34(2.34-2.34) | 1 | 0 | 1 | | 0(0-1.38) | 3 | 0 | 1 |
| Metals | Silver | ug/L | | 0.05(0.05-0.05) | 1 | 0 | 0 | | 0.05(0-0.05) | 3 | 0 | 0 |
| Metals | Thallium | ug/L | | 0.05(0.05-0.05) | 1 | 0 | 0 | | 0.05(0-0.05) | 3 | 0 | 0 |
| Metals | Zinc | ug/L | | 28.7(28.7-28.7) | 1 | 0 | 1 | | 145(49.2-178) | 3 | 0 | 3 |
| Organophosphate Pesticides | Atrazine | ug/L | | 0.3335(0.3335-0.3335) | 1 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Chlorpyrifos | ug/L | | 0.01(0.01-0.01) | 1 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Organophosphate Pesticides | Cyanazine | ug/L | | 0.3335(0.3335-0.3335) | 1 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Diazinon | ug/L | | 0.0015(0.0015-0.0015) | 1 | 0 | 0 | | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Organophosphate Pesticides | Malathion | ug/L | | 0.2(0.2-0.2) | 1 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Organophosphate Pesticides | Prometryn | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Simazine | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1016 (Aroclor 1016) | ug/L | | 0.0325(0.0325-0.0325) | 1 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1221 (Aroclor 1221) | ug/L | | 0.0325(0.0325-0.0325) | 1 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1232 (Aroclor 1232) | ug/L | | 0.0325(0.0325-0.0325) | 1 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1242 (Aroclor 1242) | ug/L | | 0.0325(0.0325-0.0325) | 1 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1248 (Aroclor 1248) | ug/L | | 0.0325(0.0325-0.0325) | 1 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1254 (Aroclor 1254) | ug/L | | 0.0325(0.0325-0.0325) | 1 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1260 (Aroclor 1260) | ug/L | | 0.0325(0.0325-0.0325) | 1 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-6-Trichlorophenol | ug/L | | 1.5(1.5-1.5) | 1 | 0 | 0 | | 1.5(1.5-1.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dichlorophenol | ug/L | | 0.2(0.2-0.2) | 1 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dimethylphenol | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dinitrophenol | ug/L | | 0.5(0.5-0.5) | 1 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Chlorophenol | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 1 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Chloro-3-methylphenol | ug/L | | 0.5(0.5-0.5) | 1 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 1 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Pentachlorophenol | ug/L | 23.1-23.1 | 0.335(0.335-0.335) | 1 | 0 | 0 | 15.2-20.1 | 0.335(0-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenol | ug/L | | 0.2(0.2-0.2) | 1 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenolics- Total recoverable | mg/L | | 0.015(0.015-0.015) | 1 | 0 | 0 | | 0.015(0-0.015) | 3 | 0 | 0 |

| Group | Parameter | Units | Table 4-4.5. San Gabriel River at SGR Parkway Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | San Gabriel River at SGR Parkway S14 2014-2015Dry | | | | | San Gabriel River at SGR Parkway S14 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-4-Trichlorobenzene | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Benzanthracene | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 1 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Diphenylhydrazine | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-3-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 1 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-4-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 1 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-4-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-6-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloroethyl vinyl ether | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloronaphthalene | ug/L | | 1.665(1.665-1.665) | 1 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 3-3-Dichlorobenzidine | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-6-Dinitro-2-methylphenol | ug/L | | 0.5(0.5-0.5) | 1 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Bromophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Chlorophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthene | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthylene | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Anthracene | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzidine | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(a)pyrene | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(k)flouranthene | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[b]fluoranthene | ug/L | | 1.665(1.665-1.665) | 1 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[g-h-i]perylene | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethoxy) methane | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethyl) ether | ug/L | | 0.2(0.2-0.2) | 1 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroisopropyl) ether | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Ethylhexyl) phthalate | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Butyl benzyl phthalate | ug/L | | 1.665(1.665-1.665) | 1 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Chrysene | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dibenzo(a-h)anthracene | ug/L | | 0.0165(0.0165-0.0165) | 1 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Diethyl phthalate | ug/L | | 0.5(0.5-0.5) | 1 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dimethyl phthalate | ug/L | | 0.335(0.335-0.335) | 1 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluoranthene | ug/L | | 0.0085(0.0085-0.0085) | 1 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluorene | ug/L | | 0.0165(0.0165-0.0165) | 1 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloro-cyclopentadiene | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobenzene | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobutadiene | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloroethane | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Indeno(1-2-3-c-d)pyrene | ug/L | | 0.0085(0.0085-0.0085) | 1 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Isophorone | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-di-n-propyl amine | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-dimethyl amine | ug/L | | 0.835(0.835-0.835) | 1 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-diphenyl amine | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Naphthalene | ug/L | | 0.0335(0.0335-0.0335) | 1 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Nitrobenzene | ug/L | | 0.165(0.165-0.165) | 1 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Phenanthrene | ug/L | | 0.0085(0.0085-0.0085) | 1 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Pyrene | ug/L | | 0.0085(0.0085-0.0085) | 1 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Butyl phthalate | ug/L | | 1.665(1.665-1.665) | 1 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Octyl phthalate | ug/L | | 1.7(1.7-1.7) | 1 | 0 | 0 | | 1.7(1.7-1.7) | 3 | 0 | 0 |

*Field measurement used in analysis.

** High Flow Suspension of bacteria water quality objectives was applied for two storm events monitored for bacteria.

*** High Flow Suspension of bacteria water quality objectives was applied for three storm events monitored for bacteria.

† † Unless otherwise noted, pH results are laboratory measurements of the composite sample.

| Group | Parameter | Units | Table 4-4.6. Dominguez Channel at Artesia Blvd. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dominguez Channel at Artesia Blvd. S28 2014-2015Dry | | | | | Dominguez Channel at Artesia Blvd. S28 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Bacteria | E. Coli | MPN/100mL | 235 | 291.5(63-520) | 2 | **1** | 2 | 235 | 25900(17329-36540) | 3 | **1**** | 3 |
| Bacteria | Fecal Coliform | MPN/100mL | | 410(20-800) | 2 | 0 | 2 | | 30000(24000-300000) | 3 | 0 | 3 |
| Bacteria | Fecal Enterococcus | MPN/100mL | | 515(230-800) | 2 | 0 | 2 | | 240000(220000-900000) | 3 | 0 | 3 |
| Bacteria | Fecal Streptococcus | MPN/100mL | | 515(230-800) | 2 | 0 | 2 | | 240000(220000-900000) | 3 | 0 | 3 |
| Bacteria | Total Coliform | MPN/100mL | | 4615(230-9000) | 2 | 0 | 2 | | 300000(160000-300000) | 3 | 0 | 3 |
| Chlorinated Pesticides | 4-4'-DDD | ug/L | | 0.0055(0.0055-0.0055) | 2 | 0 | 0 | | 0.0055(0.0055-0.0055) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDE | ug/L | | 0.002(0.002-0.002) | 2 | 0 | 0 | | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDT | ug/L | 1.1 | 0.005(0.005-0.005) | 2 | 0 | 0 | 1.1 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Aldrin | ug/L | 3 | 0.002(0.002-0.002) | 2 | 0 | 0 | 3 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Dieldrin | ug/L | 0.24 | 0.001(0.001-0.001) | 2 | 0 | 0 | 0.24 | 0.001(0.001-0.001) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan I (alpha) | ug/L | 0.22 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.22 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan II (beta) | ug/L | 0.22 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.22 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan sulfate | ug/L | | 0.025(0.025-0.025) | 2 | 0 | 0 | | 0.025(0.025-0.025) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin | ug/L | 0.086 | 0.003(0.003-0.003) | 2 | 0 | 0 | 0.086 | 0.003(0.003-0.003) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin aldehyde | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor | ug/L | 0.52 | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | 0.52 | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor Epoxide | ug/L | 0.52 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.52 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Methoxychlor | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Chlorinated Pesticides | Toxaphene | ug/L | 0.73 | 0.12(0.12-0.12) | 2 | 0 | 0 | 0.73 | 0.12(0.12-0.12) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-BHC | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Chlorinated Pesticides | beta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | delta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-BHC (lindane) | ug/L | 0.95 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.95 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Conventionals | Cyanide | mg/L | 0.22 | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | 0.22 | 0.0025(0.0025-0.005) | 3 | 0 | 1 |
| Conventionals | Dissolved Oxygen | mg/L | 5 | 17.2(16.7-17.7) | 2 | 0 | 2 | 5 | 9.96(3.67-9.97) | 3 | **1** | 3 |
| Conventionals | Oil and Grease | mg/L | | 0.72(0.72-0.72) | 2 | 0 | 0 | | 0(0-0.72) | 3 | 0 | 0 |
| Conventionals | pH† | pH units | 6.5-8.5 | 8.57(8.51-8.63) | 2 | **2** | 2 | 6.5-8.5 | 6.89(6.68-7.05) | 3 | 0 | 3 |
| General | Alkalinity as CaCO3 | mg/L | | 178(174-182) | 2 | 0 | 2 | | 25(18-109) | 3 | 0 | 3 |
| General | Ammonia | mg/L | 1.32-2.65 | 0.0605(0.0605-0.0605) | 2 | 0 | 0 | 26.2-39.1 | 0.508(0.218-2.55) | 3 | 0 | 3 |
| General | BioChemical Oxygen Demand- Five-Day | mg/L | | 6.245(4.16-8.33) | 2 | 0 | 2 | | 13(7.1-64.6) | 3 | 0 | 3 |
| General | Chemical Oxygen Demand | mg/L | | 11(0-22) | 2 | 0 | 1 | | 30(0-216) | 3 | 0 | 2 |
| General | Chloride | mg/L | | 217(211-223) | 2 | 0 | 2 | | 8.75(6.75-36.3) | 3 | 0 | 3 |
| General | Dissolved Phosphorus | mg/L | | 0.041(0.025-0.057) | 2 | 0 | 1 | | 0.235(0.178-0.338) | 3 | 0 | 3 |
| General | Fluoride | mg/L | | 0.4605(0.295-0.626) | 2 | 0 | 2 | | 0.2(0.11-0.631) | 3 | 0 | 3 |
| General | Hardness as CaCO3 | mg/L | | 307.5(305-310) | 2 | 0 | 2 | | 33(25-145) | 3 | 0 | 3 |
| General | Kjeldahl-N | mg/L | | 0.491(0.302-0.68) | 2 | 0 | 2 | | 2.16(1.2-5.58) | 3 | 0 | 3 |
| General | Methyl Tertiary Butyl Ether (MTBE) | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| General | Methylene Blue Active Substances (MBAS) | mg/L | | 0.605(0-1.21) | 2 | 0 | 1 | | 0.82(0-3.05) | 3 | 0 | 2 |
| General | NH3-N | mg/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.42(0.18-2.11) | 3 | 0 | 3 |
| General | Nitrate (NO3) | mg/L | 45 | 10.04(9.58-10.5) | 2 | 0 | 2 | 45 | 3.28(2.19-12.3) | 3 | 0 | 3 |
| General | Nitrate-N | mg/L | 10 | 2.26(2.16-2.36) | 2 | 0 | 2 | 10 | 0.74(0.494-2.77) | 3 | 0 | 3 |
| General | Nitrite-N | mg/L | 1 | 0.005(0-0.01) | 2 | 0 | 0 | 1 | 0.01(0-0.316) | 3 | 0 | 1 |
| General | Phosphorus- Total (as P) | mg/L | | 0.0735(0.067-0.08) | 2 | 0 | 2 | | 0.515(0.409-1.03) | 3 | 0 | 3 |
| General | Specific Conductance | umhos/cm | | 1255(1220-1290) | 2 | 0 | 2 | | 113(87-325) | 3 | 0 | 3 |
| General | Sulfate | mg/L | | 147.5(137-158) | 2 | 0 | 2 | | 9.5(6.46-39.7) | 3 | 0 | 3 |
| General | Total Dissolved Solids | mg/L | | 827(788-866) | 2 | 0 | 2 | | 92(24-268) | 3 | 0 | 3 |
| General | Total Organic Carbon | mg/L | | 3.005(2.58-3.43) | 2 | 0 | 2 | | 10.1(4.93-35.6) | 3 | 0 | 3 |
| General | Total Petroleum Hydrocarbons | mg/L | | 0.75(0.75-0.75) | 2 | 0 | 0 | | 0.75(0.75-0.75) | 3 | 0 | 0 |
| General | Total Suspended Solids | mg/L | | 4.5(0-9) | 2 | 0 | 1 | | 138(67-672) | 9 | 0 | 9 |
| General | Turbidity | NTU | | 3.92(2.29-5.55) | 2 | 0 | 2 | | 21.5(10.1-31.7) | 3 | 0 | 3 |
| General | Volatile Suspended Solids | mg/L | | 3.75(0.5-7) | 2 | 0 | 1 | | 37(26-197) | 3 | 0 | 3 |

| Group | Parameter | Units | Table 4-4.6. Dominguez Channel at Artesia Blvd. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dominguez Channel at Artesia Blvd. S28 2014-2015Dry | | | | | Dominguez Channel at Artesia Blvd. S28 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Herbicides | 2-4-5-TP-SILVEX | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Herbicides | 2-4-D | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Herbicides | Glyphosate | ug/L | | 2.5(2.5-2.5) | 2 | 0 | 0 | | 2.5(2.5-18) | 3 | 0 | 1 |
| Metals | Dissolved Aluminum | ug/L | | 25(25-25) | 2 | 0 | 0 | | 695(607-1390) | 3 | 0 | 3 |
| Metals | Dissolved Antimony | ug/L | | 1.5(1.18-1.82) | 2 | 0 | 2 | | 3.19(1.59-5.44) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Arsenic | ug/L | 340 | 0.71(0-1.42) | 2 | 0 | 1 | 340 | 1.78(1.43-3.5) | 3 | 0 | 3 |
| Metals | Dissolved Barium | ug/L | | 81.3(79.4-83.2) | 2 | 0 | 2 | | 51.7(38.2-133) | 3 | 0 | 3 |
| Metals | Dissolved Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Cadmium | ug/L | 14.3-14.5 | 0.05(0.05-0.05) | 2 | 0 | 0 | 0.9-6.4 | 0.368(0.279-1.33) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium | ug/L | 1367.7-1386.1 | 1.085(0.25-1.92) | 2 | 0 | 1 | 176.3-743.9 | 2.86(2.08-6.57) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium +6 | ug/L | 299.5-304.4 | 0(0-0) | 2 | 0 | 0 | 24.6-142.4 | 0(0-0.125) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Copper | ug/L | 38.4-39 | 11.75(11.6-11.9) | 2 | 0 | 2 | 3.6-19.1 | 44.8(27.8-172) | 3 | **3** | 3 |
| Metals | Dissolved Iron | ug/L | | 25(25-25) | 2 | 0 | 0 | | 890(832-2830) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Lead | ug/L | 212.2-215.9 | 0.5075(0.507-0.508) | 2 | 0 | 2 | 13.9-96.6 | 16.6(14.2-38.8) | 3 | **1** | 3 |
| Metals | Dissolved Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Nickel | ug/L | 1202.8-1219.4 | 4.46(3.77-5.15) | 2 | 0 | 2 | 144.9-641.2 | 5.08(3.2-17) | 3 | 0 | 3 |
| Metals | Dissolved Selenium | ug/L | | 1.705(1.54-1.87) | 2 | 0 | 2 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Silver | ug/L | 23.5-24.2 | 0.05(0.05-0.05) | 2 | 0 | 0 | 0.3-6.5 | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Dissolved Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Zinc | ug/L | 301.4-305.6 | 31.5(20.8-42.2) | 2 | 0 | 2 | 36.2-160.5 | 294(142-880) | 3 | **3** | 3 |
| Metals | Aluminum | ug/L | | 65.5(0-131) | 2 | 0 | 1 | | 3150(2180-6800) | 3 | 0 | 3 |
| Metals | Antimony | ug/L | | 1.895(1.58-2.21) | 2 | 0 | 2 | | 7.36(2.86-13.5) | 3 | 0 | 3 |
| Metals | Arsenic | ug/L | | 1.615(1.53-1.7) | 2 | 0 | 2 | | 2.63(1.56-4.27) | 3 | 0 | 3 |
| Metals | Barium | ug/L | | 109(107-111) | 2 | 0 | 2 | | 89.3(56.1-212) | 3 | 0 | 3 |
| Metals | Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0.05) | 3 | 0 | 0 |
| Metals | Cadmium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.519(0.344-1.52) | 3 | 0 | 3 |
| Metals | Chromium | ug/L | | 1.464(0.598-2.33) | 2 | 0 | 2 | | 8.2(5.51-16.9) | 3 | 0 | 3 |
| Metals | Chromium +6 | ug/L | | 0(0-0) | 2 | 0 | 0 | | 0(0-0.125) | 3 | 0 | 0 |
| Metals | Copper | ug/L | | 15.35(15-15.7) | 2 | 0 | 2 | | 63.4(32.8-251) | 3 | 0 | 3 |
| Metals | Iron | ug/L | | 128(127-129) | 2 | 0 | 2 | | 3680(2810-11500) | 3 | 0 | 3 |
| Metals | Lead | ug/L | | 0.87(0.784-0.956) | 2 | 0 | 2 | | 24.4(16.1-51) | 3 | 0 | 3 |
| Metals | Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Nickel | ug/L | | 6.49(5.83-7.15) | 2 | 0 | 2 | | 8.99(5.15-27) | 3 | 0 | 3 |
| Metals | Selenium | ug/L | | 2.05(2.04-2.06) | 2 | 0 | 2 | | 0.25(0-0.25) | 3 | 0 | 0 |
| Metals | Silver | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0-0.582) | 3 | 0 | 1 |
| Metals | Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Zinc | ug/L | | 53.7(36.6-70.8) | 2 | 0 | 2 | | 397(157-1100) | 3 | 0 | 3 |
| Organophosphate Pesticides | Atrazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Chlorpyrifos | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Organophosphate Pesticides | Cyanazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Diazinon | ug/L | | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Organophosphate Pesticides | Malathion | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Organophosphate Pesticides | Prometryn | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Simazine | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1016 (Aroclor 1016) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1221 (Aroclor 1221) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1232 (Aroclor 1232) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1242 (Aroclor 1242) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1248 (Aroclor 1248) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1254 (Aroclor 1254) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1260 (Aroclor 1260) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-6-Trichlorophenol | ug/L | | 1.5(1.5-1.5) | 2 | 0 | 0 | | 1.5(1.5-1.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dichlorophenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dimethylphenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dinitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Chlorophenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Chloro-3-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Pentachlorophenol | ug/L | 41.4-81.2 | 0.335(0.335-0.335) | 2 | 0 | 0 | 8.2-12.3 | 0(0-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenolics- Total recoverable | mg/L | | 0.0075(0-0.015) | 2 | 0 | 0 | | 0.015(0.015-0.015) | 3 | 0 | 0 |

| Group | Parameter | Units | Table 4-4.6. Dominguez Channel at Artesia Blvd. Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Dominguez Channel at Artesia Blvd. S28 2014-2015Dry | | | | | Dominguez Channel at Artesia Blvd. S28 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-4-Trichlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Benzanthracene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Diphenylhydrazine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-3-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-4-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-4-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-6-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloroethyl vinyl ether | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloronaphthalene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 3-3-Dichlorobenzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-6-Dinitro-2-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Bromophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Chlorophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthylene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Anthracene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(a)pyrene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(k)flouranthene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[b]fluoranthene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[g-h-i]perylene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethoxy) methane | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethyl) ether | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroisopropyl) ether | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Ethylhexyl) phthalate | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Butyl benzyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Chrysene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dibenzo(a-h)anthracene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Diethyl phthalate | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dimethyl phthalate | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluoranthene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluorene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloro-cyclopentadiene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobutadiene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloroethane | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Indeno(1-2-3-c-d)pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Isophorone | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-di-n-propyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-dimethyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-diphenyl amine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Naphthalene | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.91) | 3 | 0 | 1 |
| Semivolatile Organic Compounds (Base/Neutral) | Nitrobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Phenanthrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Butyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Octyl phthalate | ug/L | | 1.7(1.7-1.7) | 2 | 0 | 0 | | 1.7(1.7-1.7) | 3 | 0 | 0 |

*Field measurement used in analysis.

** High Flow Suspension of bacteria water quality objectives was applied for two storm events monitored for bacteria.

*** High Flow Suspension of bacteria water quality objectives was applied for three storm events monitored for bacteria.

† † Unless otherwise noted, pH results are laboratory measurements of the composite sample.

| Group | Parameter | Units | Table 4-4.7. Santa Clara River Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Santa Clara River S29 2014-2015Dry | | | | | Santa Clara River S29 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Bacteria | E. Coli | MPN/100mL | 235 | 4.2(1-7.4) | 2 | 0 | 2 | 235 | 46110(16000-61310) | 3 | **3** | 3 |
| Bacteria | Fecal Coliform | MPN/100mL | | 15(10-20) | 2 | 0 | 1 | | 140000(50000-170000) | 3 | 0 | 3 |
| Bacteria | Fecal Enterococcus | MPN/100mL | | 45(20-70) | 2 | 0 | 2 | | 1600000(300000-1700000) | 3 | 0 | 3 |
| Bacteria | Fecal Streptococcus | MPN/100mL | | 45(20-70) | 2 | 0 | 2 | | 1600000(300000-1700000) | 3 | 0 | 3 |
| Bacteria | Total Coliform | MPN/100mL | | 75(70-80) | 2 | 0 | 2 | | 300000(160000-2200000) | 3 | 0 | 3 |
| Chlorinated Pesticides | 4-4'-DDD | ug/L | | 0.0055(0.0055-0.0055) | 2 | 0 | 0 | | 0.0055(0.0055-0.0055) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDE | ug/L | | 0.002(0.002-0.002) | 2 | 0 | 0 | | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | 4-4'-DDT | ug/L | 1.1 | 0.005(0.005-0.005) | 2 | 0 | 0 | 1.1 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Aldrin | ug/L | 3 | 0.002(0.002-0.002) | 2 | 0 | 0 | 3 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Dieldrin | ug/L | 0.24 | 0.001(0.001-0.001) | 2 | 0 | 0 | 0.24 | 0.001(0.001-0.001) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan I (alpha) | ug/L | 0.22 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.22 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan II (beta) | ug/L | 0.22 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.22 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endosulfan sulfate | ug/L | | 0.025(0.025-0.025) | 2 | 0 | 0 | | 0.025(0.025-0.025) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin | ug/L | 0.086 | 0.003(0.003-0.003) | 2 | 0 | 0 | 0.086 | 0.003(0.003-0.003) | 3 | 0 | 0 |
| Chlorinated Pesticides | Endrin aldehyde | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor | ug/L | 0.52 | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | 0.52 | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Chlorinated Pesticides | Heptachlor Epoxide | ug/L | 0.52 | 0.005(0.005-0.005) | 2 | 0 | 0 | 0.52 | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | Methoxychlor | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Chlorinated Pesticides | Toxaphene | ug/L | 0.73 | 0.12(0.12-0.12) | 2 | 0 | 0 | 0.73 | 0.12(0.12-0.12) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-BHC | ug/L | | 0.005(0.005-0.005) | 2 | 0 | 0 | | 0.005(0.005-0.005) | 3 | 0 | 0 |
| Chlorinated Pesticides | alpha-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Chlorinated Pesticides | beta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | delta-BHC | ug/L | | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | | 0.0025(0.0025-0.0025) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-BHC (lindane) | ug/L | 0.95 | 0.002(0.002-0.002) | 2 | 0 | 0 | 0.95 | 0.002(0.002-0.002) | 3 | 0 | 0 |
| Chlorinated Pesticides | gamma-chlordane | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Conventionals | Cyanide | mg/L | 0.22 | 0.0025(0.0025-0.0025) | 2 | 0 | 0 | 0.22 | 0.011(0.0025-0.012) | 3 | 0 | 2 |
| Conventionals | Dissolved Oxygen | mg/L | 5 | 5.645(5.03-6.26) | 2 | 0 | 2 | 5 | 8.21(7.64-10.45)* | 3 | 0 | 3 |
| Conventionals | Oil and Grease | mg/L | | 0.72(0.72-0.72) | 2 | 0 | 0 | | 0(0-0.72) | 3 | 0 | 0 |
| Conventionals | pH† | pH units | 6.5-8.5 | 7.495(7.3-7.69) | 2 | 0 | 2 | 6.5-8.5 | 7.58(7.23-7.72)* | 3 | 0 | 3 |
| General | Alkalinity as CaCO3 | mg/L | | 272.5(272-273) | 2 | 0 | 2 | | 83(33-133) | 3 | 0 | 3 |
| General | Ammonia | mg/L | 26.2-32.28 | 0.0605(0.0605-0.0605) | 2 | 0 | 0 | 14.4-29.5 | 0.908(0.29-1.25) | 3 | 0 | 3 |
| General | BioChemical Oxygen Demand- Five-Day | mg/L | | 0.25(0-0.5) | 2 | 0 | 0 | | 13.4(9.98-55.6) | 3 | 0 | 3 |
| General | Chemical Oxygen Demand | mg/L | | 2.5(0-5) | 2 | 0 | 0 | | 49(0-102) | 3 | 0 | 2 |
| General | Chloride | mg/L | 150 | 105(103-107) | 2 | 0 | 2 | 150 | 34.1(5.47-48) | 3 | 0 | 3 |
| General | Dissolved Phosphorus | mg/L | | 0.258(0.254-0.262) | 2 | 0 | 2 | | 0.202(0.167-0.387) | 3 | 0 | 3 |
| General | Fluoride | mg/L | | 0.479(0.46-0.498) | 2 | 0 | 2 | | 0.49(0.1-0.599) | 3 | 0 | 3 |
| General | Hardness as CaCO3 | mg/L | | 491.5(485-498) | 2 | 0 | 2 | | 140(38-228) | 3 | 0 | 3 |
| General | Kjeldahl-N | mg/L | | 0.092(0.05-0.134) | 2 | 0 | 1 | | 2.08(1.53-2.54) | 3 | 0 | 3 |
| General | Methyl Tertiary Butyl Ether (MTBE) | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| General | Methylene Blue Active Substances (MBAS) | mg/L | | 0(0-0) | 2 | 0 | 0 | | 0.55(0-1.63) | 3 | 0 | 2 |
| General | NH3-N | mg/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.75(0.24-1.03) | 3 | 0 | 3 |
| General | Nitrate (NO3) | mg/L | 45 | 6.185(5.76-6.61) | 2 | 0 | 2 | 45 | 7.61(1.71-10.6) | 3 | 0 | 3 |
| General | Nitrate-N | mg/L | 10 | 1.395(1.3-1.49) | 2 | 0 | 2 | 10 | 1.72(0.386-2.39) | 3 | 0 | 3 |
| General | Nitrite-N | mg/L | 1 | 0.01(0.01-0.01) | 2 | 0 | 0 | 1 | 0.01(0-0.131) | 3 | 0 | 1 |
| General | Phosphorus- Total (as P) | mg/L | | 0.2845(0.278-0.291) | 2 | 0 | 2 | | 1.1(0.584-1.69) | 3 | 0 | 3 |
| General | Specific Conductance | umhos/cm | | 1415(1340-1490) | 2 | 0 | 2 | | 484(78-644)* | 3 | 0 | 3 |
| General | Sulfate | mg/L | 600 | 292(290-294) | 2 | 0 | 2 | 600 | 58.6(10.5-127) | 3 | 0 | 3 |
| General | Total Dissolved Solids | mg/L | 1200 | 943(940-946) | 2 | 0 | 2 | 1200 | 294(92-464) | 3 | 0 | 3 |
| General | Total Organic Carbon | mg/L | | 2.43(2.28-2.58) | 2 | 0 | 2 | | 12(5.43-20.9) | 3 | 0 | 3 |
| General | Total Petroleum Hydrocarbons | mg/L | | 0.75(0.75-0.75) | 2 | 0 | 0 | | 0.75(0.75-0.75) | 3 | 0 | 0 |
| General | Total Suspended Solids | mg/L | | 0.25(0-0.5) | 2 | 0 | 0 | | 1130(199-1210) | 3 | 0 | 3 |
| General | Turbidity | NTU | | 0.4(0.34-0.46) | 2 | 0 | 2 | | 234.4(113-978)* | 3 | 0 | 3 |
| General | Volatile Suspended Solids | mg/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 159(48-222) | 3 | 0 | 3 |

| Group | Parameter | Units | Table 4-4.7. Santa Clara River Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Santa Clara River S29 2014-2015Dry | | | | | Santa Clara River S29 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Herbicides | 2-4-5-TP-SILVEX | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Herbicides | 2-4-D | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Herbicides | Glyphosate | ug/L | | 2.5(2.5-2.5) | 2 | 0 | 0 | | 2.5(2.5-21) | 3 | 0 | 1 |
| Metals | Dissolved Aluminum | ug/L | | 25(25-25) | 2 | 0 | 0 | | 1900(1870-5050) | 3 | 0 | 3 |
| Metals | Dissolved Antimony | ug/L | | 0(0-0) | 2 | 0 | 0 | | 2.26(0.696-2.95) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Arsenic | ug/L | 340 | 1.03(0-2.06) | 2 | 0 | 1 | 340 | 1.94(1.68-2.62) | 3 | 0 | 3 |
| Metals | Dissolved Barium | ug/L | | 62.95(61.5-64.4) | 2 | 0 | 2 | | 121(121-227) | 3 | 0 | 3 |
| Metals | Dissolved Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0-0.578) | 3 | 0 | 1 |
| Metals-CMCCCC | Dissolved Cadmium | ug/L | 19.1-19.1 | 0.05(0.05-0.05) | 2 | 0 | 0 | 1.5-10.4 | 0.647(0.599-1.66) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium | ug/L | 1707.9-1707.9 | 0.72(0.25-1.19) | 2 | 0 | 1 | 248.4-1077.7 | 5.75(0.983-7.7) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Chromium +6 | ug/L | 392.8-392.8 | 0.125(0.125-0.125) | 2 | 0 | 0 | 37.3-223.9 | 0.125(0.125-2.56) | 3 | 0 | 1 |
| Metals-CMCCCC | Dissolved Copper | ug/L | 49.6-49.6 | 2.77(1.82-3.72) | 2 | 0 | 2 | 5.4-29.2 | 43.7(23.2-85.4) | 3 | **3** | 3 |
| Metals | Dissolved Iron | ug/L | | 25(25-25) | 2 | 0 | 0 | | 1920(1240-5100) | 3 | 0 | 3 |
| Metals-CMCCCC | Dissolved Lead | ug/L | 280.9-280.9 | 0.05(0-0.1) | 2 | 0 | 0 | 22.2-156.4 | 23.4(12.8-46.4) | 3 | 0 | 3 |
| Metals | Dissolved Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Nickel | ug/L | 1512.9-1512.9 | 11.55(10.2-12.9) | 2 | 0 | 2 | 206.5-940.3 | 9.18(5.69-13.1) | 3 | 0 | 3 |
| Metals | Dissolved Selenium | ug/L | | 5.405(5.31-5.5) | 2 | 0 | 2 | | 0.25(0.25-1.63) | 3 | 0 | 1 |
| Metals-CMCCCC | Dissolved Silver | ug/L | 37.4-37.4 | 0.05(0.05-0.05) | 2 | 0 | 0 | 0.7-14.2 | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Dissolved Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals-CMCCCC | Dissolved Zinc | ug/L | 379.3-379.3 | 15.65(14.7-16.6) | 2 | 0 | 2 | 51.6-235.6 | 157(108-437) | 3 | **2** | 3 |
| Metals | Aluminum | ug/L | | 12.5(0-25) | 2 | 0 | 0 | | 27400(6450-31800) | 3 | 0 | 3 |
| Metals | Antimony | ug/L | | 0(0-0) | 2 | 0 | 0 | | 4.87(1.9-6.49) | 3 | 0 | 3 |
| Metals | Arsenic | ug/L | | 1.66(1.55-1.77) | 2 | 0 | 2 | | 5.75(2.44-6.67) | 3 | 0 | 3 |
| Metals | Barium | ug/L | | 69.55(64.4-74.7) | 2 | 0 | 2 | | 314(262-505) | 3 | 0 | 3 |
| Metals | Beryllium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.833(0-0.945) | 3 | 0 | 2 |
| Metals | Cadmium | ug/L | | 0.025(0-0.05) | 2 | 0 | 0 | | 0.992(0.851-2) | 3 | 0 | 3 |
| Metals | Chromium | ug/L | | 1.22(1.02-1.42) | 2 | 0 | 2 | | 25.4(11.7-35) | 3 | 0 | 3 |
| Metals | Chromium +6 | ug/L | | 0.125(0.125-0.125) | 2 | 0 | 0 | | 0.125(0.125-2.56) | 3 | 0 | 1 |
| Metals | Copper | ug/L | | 3.37(2.95-3.79) | 2 | 0 | 2 | | 57.6(43.6-201) | 3 | 0 | 3 |
| Metals | Iron | ug/L | | 12.5(0-25) | 2 | 0 | 0 | | 42400(5730-54200) | 3 | 0 | 3 |
| Metals | Lead | ug/L | | 0(0-0) | 2 | 0 | 0 | | 43.3(33.7-57) | 3 | 0 | 3 |
| Metals | Mercury | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.05(0.05-0.05) | 3 | 0 | 0 |
| Metals | Nickel | ug/L | | 13.55(13.5-13.6) | 2 | 0 | 2 | | 23.6(14.1-29.5) | 3 | 0 | 3 |
| Metals | Selenium | ug/L | | 6.185(5.69-6.68) | 2 | 0 | 2 | | 0.25(0-2.12) | 3 | 0 | 1 |
| Metals | Silver | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0.289(0.05-0.868) | 3 | 0 | 2 |
| Metals | Thallium | ug/L | | 0.05(0.05-0.05) | 2 | 0 | 0 | | 0(0-0.05) | 3 | 0 | 0 |
| Metals | Zinc | ug/L | | 28.8(19-38.6) | 2 | 0 | 2 | | 195(163-630) | 3 | 0 | 3 |
| Organophosphate Pesticides | Atrazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Chlorpyrifos | ug/L | | 0.01(0.01-0.01) | 2 | 0 | 0 | | 0.01(0.01-0.01) | 3 | 0 | 0 |
| Organophosphate Pesticides | Cyanazine | ug/L | | 0.3335(0.3335-0.3335) | 2 | 0 | 0 | | 0.3335(0.3335-0.3335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Diazinon | ug/L | | 0.0015(0.0015-0.0015) | 2 | 0 | 0 | | 0.0015(0.0015-0.0015) | 3 | 0 | 0 |
| Organophosphate Pesticides | Malathion | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Organophosphate Pesticides | Prometryn | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Organophosphate Pesticides | Simazine | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1016 (Aroclor 1016) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1221 (Aroclor 1221) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1232 (Aroclor 1232) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1242 (Aroclor 1242) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1248 (Aroclor 1248) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1254 (Aroclor 1254) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Polychlorinated Biphenyls | PCB-1260 (Aroclor 1260) | ug/L | | 0.0325(0.0325-0.0325) | 2 | 0 | 0 | | 0.0325(0.0325-0.0325) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-6-Trichlorophenol | ug/L | | 1.5(1.5-1.5) | 2 | 0 | 0 | | 1.5(1.5-1.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dichlorophenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dimethylphenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-4-Dinitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Chlorophenol | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 2-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Chloro-3-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | 4-Nitrophenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Pentachlorophenol | ug/L | 9.9-11.2 | 0.335(0.335-0.335) | 2 | 0 | 0 | 11-18 | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenol | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Acids) | Phenolics- Total recoverable | mg/L | | 0.015(0.015-0.015) | 2 | 0 | 0 | | 0.015(0.015-0.015) | 3 | 0 | 0 |

| Group | Parameter | Units | Table 4-4.7. Santa Clara River Dry & Wet Weather Exceedance Summary | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Santa Clara River S29 2014-2015Dry | | | | | Santa Clara River S29 2014-2015Wet | | | | |
| | | | WQO | Median (range) | #samples | #exceed | #detected | WQO | Median (range) | #samples | #exceed | #detected |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-4-Trichlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Benzanthracene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-2-Diphenylhydrazine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-3-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 1-4-Dichlorobenzene | ug/L | | 0.25(0.25-0.25) | 2 | 0 | 0 | | 0.25(0.25-0.25) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-4-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-6-Dinitrotoluene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloroethyl vinyl ether | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 2-Chloronaphthalene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 3-3-Dichlorobenzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-6-Dinitro-2-methylphenol | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Bromophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | 4-Chlorophenyl phenyl ether | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Acenaphthylene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Anthracene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzidine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(a)pyrene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo(k)flouranthene | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[b]fluoranthene | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Benzo[g-h-i]perylene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethoxy) methane | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroethyl) ether | ug/L | | 0.2(0.2-0.2) | 2 | 0 | 0 | | 0.2(0.2-0.2) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Chloroisopropyl) ether | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Bis(2-Ethylhexyl) phthalate | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Butyl benzyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Chrysene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dibenzo(a-h)anthracene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Diethyl phthalate | ug/L | | 0.5(0.5-0.5) | 2 | 0 | 0 | | 0.5(0.5-0.5) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Dimethyl phthalate | ug/L | | 0.335(0.335-0.335) | 2 | 0 | 0 | | 0.335(0.335-0.335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluoranthene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Fluorene | ug/L | | 0.0165(0.0165-0.0165) | 2 | 0 | 0 | | 0.0165(0.0165-0.0165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloro-cyclopentadiene | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachlorobutadiene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Hexachloroethane | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Indeno(1-2-3-c-d)pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Isophorone | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-di-n-propyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-dimethyl amine | ug/L | | 0.835(0.835-0.835) | 2 | 0 | 0 | | 0.835(0.835-0.835) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | N-Nitroso-diphenyl amine | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Naphthalene | ug/L | | 0.0335(0.0335-0.0335) | 2 | 0 | 0 | | 0.0335(0.0335-0.0335) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Nitrobenzene | ug/L | | 0.165(0.165-0.165) | 2 | 0 | 0 | | 0.165(0.165-0.165) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Phenanthrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | Pyrene | ug/L | | 0.0085(0.0085-0.0085) | 2 | 0 | 0 | | 0.0085(0.0085-0.0085) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Butyl phthalate | ug/L | | 1.665(1.665-1.665) | 2 | 0 | 0 | | 1.665(1.665-1.665) | 3 | 0 | 0 |
| Semivolatile Organic Compounds (Base/Neutral) | di-n-Octyl phthalate | ug/L | | 1.7(1.7-1.7) | 2 | 0 | 0 | | 1.7(1.7-1.7) | 3 | 0 | 0 |

*Field measurement used in analysis.

** High Flow Suspension of bacteria water quality objectives was applied for two storm events monitored for bacteria.

*** High Flow Suspension of bacteria water quality objectives was applied for three storm events monitored for bacteria.

† † Unless otherwise noted, pH results are laboratory measurements of the composite sample.