## Table 4-5.1 2007-2008 Summary of Water Quality Exceedances for Dalton/Walnut Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR, WET

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Conventional | | | | | | | | | | | | |
| Oil and Grease | 1 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Phenols | 0.10 | mg/L | 4 | 1 | 25 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanide | 0.01 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| pH | 0-14 | | 5 | 5 | 100 | 2 | 40 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Oxygen | 1.00 | mg/L | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Indicator Bacteria | | | | | | | | | | | | |
| Total Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fecal Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 4 | 100 | 2 | 2 | 100 | 2 | 100 |
| Ratio Fecal Coliform/Total Coliform | | | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Streptococcus | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Enterococcus | | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| General | | | | | | | | | | | | |
| Chloride | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fluoride f(temp) [2] | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate | 0.10 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Sulfate | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Alkalinity | 4.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Hardness | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| COD | 10.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Petroleum Hydrocarbons | 1.00 | mg/L | 4 | 4 | 100 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Specific Conductance | 1.00 | umhos/cm | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Dissolved Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Turbidity | 0.10 | NTU | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Suspended Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Volatile Suspended Solids | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| MBAS | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Organic Carbon | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| BOD | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Methyl Tertiary Butyl Ether (MTBE) | 1.00 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nutrients | | | | | | | | | | | | |
| Dissolved Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| NH3-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate - N | 0.50 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrite - N | 0.03 | mg/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Kjeidahl-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Metals | | | | | | | | | | | | |
| Dissolved Aluminum | 100.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Aluminum | 100.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 1 | 50 | 0 | 0 |
| Dissolved Antimony | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Antimony | 5.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Arsenic | 5.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Beryllium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Beryllium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.1 2007-2008 Summary of Water Quality Exceedances for Dalton/Walnut Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR, WET

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dissolved Cadmium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Cadmium | 1.00 | ug/L | 5 | 4 | 80 | 1 | 20 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Chromium | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Chromium | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Chromium +6 | 10.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Chromium +6 | 10.00 | ug/L | 5 | 3 | 60 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Copper | 5.00 | ug/L | 5 | 5 | 100 | 3 | 60 | 2 | 2 | 100 | 0 | 0 |
| Total Copper | 5.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 2 | 100 |
| Dissolved Iron | 100.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Iron | 100.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Lead | 5.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Total Lead | 5.00 | ug/L | 5 | 5 | 100 | 2 | 40 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Mercury | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Mercury | 1.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Selenium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Selenium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Silver | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Silver | 1.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Zinc | 50.00 | ug/L | 5 | 5 | 100 | 2 | 40 | 2 | 2 | 100 | 0 | 0 |
| Total Zinc | 50.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 0 | 0 |
| Semi-Volatiles Organics (EPA 625) | | | | | | | | | | | | |
| 2-Chlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dichlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dimethylphenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dinitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-chloro-3-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pentachlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,6-trichlorophenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Base/Neutral | | | | | | | | | | | | |
| Acenaphthene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Acenaphthylene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Anthracene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2 Benzanthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(a)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(g,h,i)perylene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,4 Benzofluoranthene | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(k)flouranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethoxy)methane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroisopropyl)ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethyl)ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.1 2007-2008 Summary of Water Quality Exceedances for Dalton/Walnut Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR, WET

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Bis(2-Ethylhexl)phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Bromophenyl phenyl ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Butyl benzyl phthalate | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloroethyl vinyl ether | 2.50 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloronaphthalene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Chlorophenyl phenyl ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chrysene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dibenzo(a,h)anthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,3-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,4-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,3-Dichlorobenzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dimethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Butyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,6-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,6 Dinitro-2-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Diphenylhydrazine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Octyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluoranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluorene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobutadiene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloro-cyclopentadiene | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloroethane | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Indeno (1,2,3-cd)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Isophorone | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Naphthalene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrobenzene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-dimethyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-diphenyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-di-n-propyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenanthrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pyrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2,4-Trichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlorinated Pesticides | | | | | | | | | | | | |
| Aldrin | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| beta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| delta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Gamma-BHC (Lindane) | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| gamma-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlordane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDD | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDE | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDT | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.1 2007-2008 Summary of Water Quality Exceedances for Dalton/Walnut Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR, WET

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dieldrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan I [alpha] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan II [beta] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan sulfate | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin aldehyde | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor Epoxide | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Toxaphene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Polychlorinated Biphenyls | | | | | | | | | | | | |
| Aroclor-1016 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1221 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1232 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1242 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1248 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1254 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1260 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Organohosphate Pesticides | | | | | | | | | | | | |
| Chlorpyrifos | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diazinon | 0.01 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Prometryn | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Atrazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Simazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Malathion | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Herbicides | | | | | | | | | | | | |
| Glyphosate | 25.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-D | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,5-TP-SILVEX | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Other | | | | | | | | | | | | |
| Ammonia | 0.1 | mg/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 1 | 50 |
| Endrin ketone | 0.1 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Methoxychlor | 0.5 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

1) PQL = minimum level

2) This constituent is a function of the parameter(s) in parentheses.

3) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, AGR- Agriculural Uses, GWR - Ground Water Recharge, FRSH - Freshwater Replenishment, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, MAR- Supports Marine Ecosystems, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, SHELL- Shellfish Harvesting, WET - Wetland Habitat

## Table 4-5.2 2007-2008 Summary of Water Quality Exceedances for Puente Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Conventional | | | | | | | | | | | | |
| Oil and Grease | 1 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Phenols | 0.10 | mg/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanide | 0.01 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| pH | 0-14 | | 5 | 5 | 100 | 2 | 40 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Oxygen | 1.00 | mg/L | 4 | 4 | 100 | 1 | 25 | 2 | 2 | 100 | 0 | 0 |
| Indicator Bacteria | | | | | | | | | | | | |
| Total Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fecal Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 4 | 100 | 2 | 2 | 100 | 2 | 100 |
| Ratio Fecal Coliform/Total Coliform | | | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Streptococcus | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Enterococcus | | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| General | | | | | | | | | | | | |
| Chloride | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 1 | 50 |
| Fluoride f(temp) [2] | 0.10 | mg/L | 5 | 2 | 40 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate | 0.10 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Sulfate | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 1 | 50 |
| Alkalinity | 4.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Hardness | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| COD | 10.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Petroleum Hydrocarbons | 1.00 | mg/L | 4 | 4 | 100 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Specific Conductance | 1.00 | umhos/cm | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Dissolved Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 2 | 100 |
| Turbidity | 0.10 | NTU | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Suspended Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Volatile Suspended Solids | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| MBAS | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Organic Carbon | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| BOD | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Methyl Tertiary Butyl Ether (MTBE) | 1.00 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nutrients | | | | | | | | | | | | |
| Dissolved Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| NH3-N | 0.10 | mg/L | 5 | 4 | 80 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate - N | 0.50 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrite - N | 0.03 | mg/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Kjeidahl-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Metals | | | | | | | | | | | | |
| Dissolved Aluminum | 100.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Aluminum | 100.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Antimony | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Antimony | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Arsenic | 5.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Beryllium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Beryllium | 1.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.2 2007-2008 Summary of Water Quality Exceedances for Puente Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dissolved Cadmium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Cadmium | 1.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Chromium | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Chromium | 5.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Chromium +6 | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Total Chromium +6 | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Copper | 5.00 | ug/L | 5 | 5 | 100 | 2 | 40 | 2 | 2 | 100 | 0 | 0 |
| Total Copper | 5.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Iron | 100.00 | ug/L | 5 | 3 | 60 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Iron | 100.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Lead | 5.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Total Lead | 5.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Mercury | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Mercury | 1.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Selenium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Selenium | 5.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Silver | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Silver | 1.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Zinc | 50.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Total Zinc | 50.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 0 | 0 |
| Semi-Volatiles Organics (EPA 625) | | | | | | | | | | | | |
| 2-Chlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dichlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dimethylphenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dinitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-chloro-3-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pentachlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,6-trichlorophenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Base/Neutral | | | | | | | | | | | | |
| Acenaphthene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Acenaphthylene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Anthracene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2 Benzanthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(a)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(g,h,i)perylene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,4 Benzofluoranthene | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(k)flouranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethoxy)methane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroisopropyl)ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethyl)ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.2 2007-2008 Summary of Water Quality Exceedances for Puente Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Bis(2-Ethylhexl)phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Bromophenyl phenyl ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Butyl benzyl phthalate | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloroethyl vinyl ether | 2.50 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloronaphthalene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Chlorophenyl phenyl ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chrysene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dibenzo(a,h)anthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,3-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,4-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,3-Dichlorobenzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dimethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Butyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,6-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,6 Dinitro-2-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Diphenylhydrazine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Octyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluoranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluorene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobutadiene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloro-cyclopentadiene | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloroethane | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Indeno (1,2,3-cd)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Isophorone | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Naphthalene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrobenzene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-dimethyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-diphenyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-di-n-propyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenanthrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pyrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2,4-Trichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlorinated Pesticides | | | | | | | | | | | | |
| Aldrin | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| beta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| delta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Gamma-BHC (Lindane) | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| gamma-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlordane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDD | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDE | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDT | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.2 2007-2008 Summary of Water Quality Exceedances for Puente Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dieldrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan I [alpha] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan II [beta] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan sulfate | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin aldehyde | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor Epoxide | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Toxaphene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Polychlorinated Biphenyls | | | | | | | | | | | | |
| Aroclor-1016 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1221 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1232 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1242 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1248 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1254 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1260 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Organohosphate Pesticides | | | | | | | | | | | | |
| Chlorpyrifos | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diazinon | 0.01 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Prometryn | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Atrazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Simazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Malathion | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Herbicides | | | | | | | | | | | | |
| Glyphosate | 25.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-D | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,5-TP-SILVEX | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Other | | | | | | | | | | | | |
| Ammonia | 0.1 | mg/L | 5 | 4 | 80 | 4 | 80 | 2 | 2 | 100 | 2 | 100 |
| Endrin ketone | 0.1 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Methoxychlor | 0.5 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

1) PQL = minimum level

2) This constituent is a function of the parameter(s) in parentheses.

3) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, AGR- Agriculural Uses, GWR - Ground Water Recharge, FRSH - Freshwater Replenishment, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, MAR- Supports Marine Ecosystems, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, SHELL- Shellfish Harvesting, WET - Wetland Habitat

## Table 4-5.3 2007-2008 Summary of Water Quality Exceedances for Upper San Jose Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Conventional | | | | | | | | | | | | |
| Oil and Grease | 1 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Phenols | 0.10 | mg/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanide | 0.01 | mg/L | 4 | 2 | 50 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| pH | 0-14 | | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Oxygen | 1.00 | mg/L | 4 | 4 | 100 | 1 | 25 | 2 | 2 | 100 | 0 | 0 |
| Indicator Bacteria | | | | | | | | | | | | |
| Total Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fecal Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 4 | 100 | 2 | 2 | 100 | 1 | 50 |
| Ratio Fecal Coliform/Total Coliform | | | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Streptococcus | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Enterococcus | | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| General | | | | | | | | | | | | |
| Chloride | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 1 | 50 |
| Fluoride f(temp) [2] | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate | 0.10 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Sulfate | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 1 | 50 |
| Alkalinity | 4.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Hardness | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| COD | 10.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Petroleum Hydrocarbons | 1.00 | mg/L | 4 | 4 | 100 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Specific Conductance | 1.00 | umhos/cm | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Dissolved Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 2 | 100 |
| Turbidity | 0.10 | NTU | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Suspended Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Volatile Suspended Solids | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| MBAS | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Organic Carbon | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| BOD | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Methyl Tertiary Butyl Ether (MTBE) | 1.00 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nutrients | | | | | | | | | | | | |
| Dissolved Phosphorus | 0.05 | mg/L | 5 | 4 | 80 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Total Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| NH3-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate - N | 0.50 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrite - N | 0.03 | mg/L | 5 | 2 | 40 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Kjeidahl-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Metals | | | | | | | | | | | | |
| Dissolved Aluminum | 100.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Aluminum | 100.00 | ug/L | 5 | 5 | 100 | 4 | 80 | 2 | 1 | 50 | 0 | 0 |
| Dissolved Antimony | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Antimony | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Beryllium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Beryllium | 1.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.3 2007-2008 Summary of Water Quality Exceedances for Upper San Jose Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dissolved Cadmium | 1.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Cadmium | 1.00 | ug/L | 5 | 3 | 60 | 2 | 40 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Chromium | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Chromium | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Chromium +6 | 10.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Total Chromium +6 | 10.00 | ug/L | 5 | 3 | 60 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Copper | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Copper | 5.00 | ug/L | 5 | 5 | 100 | 4 | 80 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Iron | 100.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Iron | 100.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Lead | 5.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Lead | 5.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Mercury | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Mercury | 1.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Selenium | 5.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Selenium | 5.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Silver | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Silver | 1.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Thallium | 5.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Zinc | 50.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Zinc | 50.00 | ug/L | 5 | 5 | 100 | 3 | 60 | 2 | 2 | 100 | 0 | 0 |
| Semi-Volatiles Organics (EPA 625) | | | | | | | | | | | | |
| 2-Chlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dichlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dimethylphenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dinitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-chloro-3-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pentachlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,6-trichlorophenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Base/Neutral | | | | | | | | | | | | |
| Acenaphthene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Acenaphthylene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Anthracene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2 Benzanthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(a)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(g,h,i)perylene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,4 Benzofluoranthene | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(k)flouranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethoxy)methane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroisopropyl)ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethyl)ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.3 2007-2008 Summary of Water Quality Exceedances for Upper San Jose Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Bis(2-Ethylhexl)phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Bromophenyl phenyl ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Butyl benzyl phthalate | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloroethyl vinyl ether | 2.50 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloronaphthalene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Chlorophenyl phenyl ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chrysene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dibenzo(a,h)anthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,3-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,4-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,3-Dichlorobenzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dimethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Butyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,6-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,6 Dinitro-2-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Diphenylhydrazine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Octyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluoranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluorene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobutadiene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloro-cyclopentadiene | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloroethane | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Indeno (1,2,3-cd)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Isophorone | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Naphthalene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrobenzene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-dimethyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-diphenyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-di-n-propyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenanthrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pyrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2,4-Trichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlorinated Pesticides | | | | | | | | | | | | |
| Aldrin | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| beta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| delta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Gamma-BHC (Lindane) | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| gamma-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlordane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDD | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDE | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDT | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.3 2007-2008 Summary of Water Quality Exceedances for Upper San Jose Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, GWR

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dieldrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan I [alpha] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan II [beta] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan sulfate | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin aldehyde | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor Epoxide | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Toxaphene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Polychlorinated Biphenyls | | | | | | | | | | | | |
| Aroclor-1016 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1221 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1232 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1242 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1248 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1254 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1260 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Organohosphate Pesticides | | | | | | | | | | | | |
| Chlorpyrifos | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diazinon | 0.01 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Prometryn | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Atrazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Simazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Malathion | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Herbicides | | | | | | | | | | | | |
| Glyphosate | 25.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-D | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,5-TP-SILVEX | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Other | | | | | | | | | | | | |
| Ammonia | 0.1 | mg/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 2 | 100 |
| Endrin ketone | 0.1 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Methoxychlor | 0.5 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

1) PQL = minimum level

2) This constituent is a function of the parameter(s) in parentheses.

3) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, AGR- Agriculural Uses, GWR - Ground Water Recharge, FRSH - Freshwater Replenishment, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, MAR- Supports Marine Ecosystems, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, SHELL- Shellfish Harvesting, WET - Wetland Habitat

## Table 4-5.4 2007-2008 Summary of Water Quality Exceedances for Maplewood Channel Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Conventional | | | | | | | | | | | | |
| Oil and Grease | 1 | mg/L | 4 | 2 | 50 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Phenols | 0.10 | mg/L | 4 | 1 | 25 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanide | 0.01 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| pH | 0-14 | | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Oxygen | 1.00 | mg/L | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Indicator Bacteria | | | | | | | | | | | | |
| Total Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fecal Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 4 | 100 | 2 | 2 | 100 | 2 | 100 |
| Ratio Fecal Coliform/Total Coliform | | | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Streptococcus | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Enterococcus | | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| General | | | | | | | | | | | | |
| Chloride | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fluoride f(temp) [2] | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate | 0.10 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Sulfate | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Alkalinity | 4.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Hardness | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| COD | 10.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Petroleum Hydrocarbons | 1.00 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Specific Conductance | 1.00 | umhos/cm | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Dissolved Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 2 | 100 |
| Turbidity | 0.10 | NTU | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Suspended Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Volatile Suspended Solids | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| MBAS | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Organic Carbon | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| BOD | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Methyl Tertiary Butyl Ether (MTBE) | 1.00 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nutrients | | | | | | | | | | | | |
| Dissolved Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| NH3-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate - N | 0.50 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrite - N | 0.03 | mg/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Kjeidahl-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Metals | | | | | | | | | | | | |
| Dissolved Aluminum | 100.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Aluminum | 100.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 1 | 50 | 0 | 0 |
| Dissolved Antimony | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Antimony | 5.00 | ug/L | 5 | 5 | 100 | 3 | 60 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Beryllium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Beryllium | 1.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.4 2007-2008 Summary of Water Quality Exceedances for Maplewood Channel Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dissolved Cadmium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Cadmium | 1.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Chromium | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Chromium | 5.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Chromium +6 | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Chromium +6 | 10.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Copper | 5.00 | ug/L | 5 | 5 | 100 | 2 | 40 | 2 | 2 | 100 | 0 | 0 |
| Total Copper | 5.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Iron | 100.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Iron | 100.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Lead | 5.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Total Lead | 5.00 | ug/L | 5 | 5 | 100 | 3 | 60 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Mercury | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Mercury | 1.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Selenium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Selenium | 5.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Dissolved Silver | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Silver | 1.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Zinc | 50.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Total Zinc | 50.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 0 | 0 |
| Semi-Volatiles Organics (EPA 625) | | | | | | | | | | | | |
| 2-Chlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dichlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dimethylphenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dinitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-chloro-3-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pentachlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,6-trichlorophenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Base/Neutral | | | | | | | | | | | | |
| Acenaphthene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Acenaphthylene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Anthracene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2 Benzanthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(a)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(g,h,i)perylene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,4 Benzofluoranthene | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(k)flouranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethoxy)methane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroisopropyl)ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethyl)ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.4 2007-2008 Summary of Water Quality Exceedances for Maplewood Channel Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Bis(2-Ethylhexl)phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Bromophenyl phenyl ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Butyl benzyl phthalate | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloroethyl vinyl ether | 2.50 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloronaphthalene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Chlorophenyl phenyl ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chrysene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dibenzo(a,h)anthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,3-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,4-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,3-Dichlorobenzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dimethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Butyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,6-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,6 Dinitro-2-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Diphenylhydrazine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Octyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluoranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluorene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobutadiene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloro-cyclopentadiene | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloroethane | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Indeno (1,2,3-cd)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Isophorone | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Naphthalene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrobenzene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-dimethyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-diphenyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-di-n-propyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenanthrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pyrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2,4-Trichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlorinated Pesticides | | | | | | | | | | | | |
| Aldrin | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| beta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| delta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Gamma-BHC (Lindane) | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| gamma-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlordane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDD | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDE | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDT | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.4 2007-2008 Summary of Water Quality Exceedances for Maplewood Channel Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dieldrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan I [alpha] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan II [beta] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan sulfate | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin aldehyde | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor Epoxide | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Toxaphene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Polychlorinated Biphenyls | | | | | | | | | | | | |
| Aroclor-1016 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1221 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1232 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1242 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1248 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1254 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1260 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Organohosphate Pesticides | | | | | | | | | | | | |
| Chlorpyrifos | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diazinon | 0.01 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Prometryn | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Atrazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Simazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Malathion | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Herbicides | | | | | | | | | | | | |
| Glyphosate | 25.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-D | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,5-TP-SILVEX | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Other | | | | | | | | | | | | |
| Ammonia | 0.1 | mg/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 1 | 50 |
| Endrin ketone | 0.1 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Methoxychlor | 0.5 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

1) PQL = minimum level

2) This constituent is a function of the parameter(s) in parentheses.

3) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, AGR- Agriculural Uses, GWR - Ground Water Recharge, FRSH - Freshwater Replenishment, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, MAR- Supports Marine Ecosystems, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, SHELL- Shellfish Harvesting, WET - Wetland Habitat

## Table 4-5.5 2007-2008 Summary of Water Quality Exceedances for North Fork Coyote Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, RARE, IND, PROC

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Conventional | | | | | | | | | | | | |
| Oil and Grease | 1 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Phenols | 0.10 | mg/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanide | 0.01 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| pH | 0-14 | | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Oxygen | 1.00 | mg/L | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Indicator Bacteria | | | | | | | | | | | | |
| Total Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fecal Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 4 | 100 | 2 | 2 | 100 | 1 | 50 |
| Ratio Fecal Coliform/Total Coliform | | | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Streptococcus | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Enterococcus | | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| General | | | | | | | | | | | | |
| Chloride | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fluoride f(temp) [2] | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate | 0.10 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Sulfate | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Alkalinity | 4.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Hardness | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| COD | 10.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Petroleum Hydrocarbons | 1.00 | mg/L | 4 | 3 | 75 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Specific Conductance | 1.00 | umhos/cm | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Dissolved Solids | 2.00 | mg/L | 5 | 5 | 100 | 2 | 40 | 2 | 2 | 100 | 2 | 100 |
| Turbidity | 0.10 | NTU | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Suspended Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Volatile Suspended Solids | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| MBAS | 0.05 | mg/L | 5 | 4 | 80 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Organic Carbon | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| BOD | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Methyl Tertiary Butyl Ether (MTBE) | 1.00 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nutrients | | | | | | | | | | | | |
| Dissolved Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| NH3-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate - N | 0.50 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrite - N | 0.03 | mg/L | 5 | 1 | 20 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Kjeidahl-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Metals | | | | | | | | | | | | |
| Dissolved Aluminum | 100.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Aluminum | 100.00 | ug/L | 5 | 5 | 100 | 4 | 80 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Antimony | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Antimony | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Beryllium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Beryllium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.5 2007-2008 Summary of Water Quality Exceedances for North Fork Coyote Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, RARE, IND, PROC

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dissolved Cadmium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Cadmium | 1.00 | ug/L | 5 | 3 | 60 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Chromium | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Chromium | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Chromium +6 | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Chromium +6 | 10.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Dissolved Copper | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Copper | 5.00 | ug/L | 5 | 5 | 100 | 3 | 60 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Iron | 100.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Iron | 100.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Lead | 5.00 | ug/L | 5 | 3 | 60 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Lead | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Mercury | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Mercury | 1.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Selenium | 5.00 | ug/L | 5 | 3 | 60 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Selenium | 5.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Silver | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Silver | 1.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Zinc | 50.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Zinc | 50.00 | ug/L | 5 | 5 | 100 | 2 | 40 | 2 | 2 | 100 | 0 | 0 |
| Semi-Volatiles Organics (EPA 625) | | | | | | | | | | | | |
| 2-Chlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dichlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dimethylphenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dinitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-chloro-3-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pentachlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,6-trichlorophenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Base/Neutral | | | | | | | | | | | | |
| Acenaphthene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Acenaphthylene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Anthracene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2 Benzanthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(a)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(g,h,i)perylene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,4 Benzofluoranthene | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(k)flouranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethoxy)methane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroisopropyl)ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethyl)ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.5 2007-2008 Summary of Water Quality Exceedances for North Fork Coyote Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, RARE, IND, PROC

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Bis(2-Ethylhexl)phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Bromophenyl phenyl ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Butyl benzyl phthalate | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloroethyl vinyl ether | 2.50 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloronaphthalene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Chlorophenyl phenyl ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chrysene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dibenzo(a,h)anthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,3-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,4-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,3-Dichlorobenzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dimethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Butyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,6-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,6 Dinitro-2-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Diphenylhydrazine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Octyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluoranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluorene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobutadiene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloro-cyclopentadiene | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloroethane | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Indeno (1,2,3-cd)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Isophorone | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Naphthalene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrobenzene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-dimethyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-diphenyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-di-n-propyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenanthrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pyrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2,4-Trichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlorinated Pesticides | | | | | | | | | | | | |
| Aldrin | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| beta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| delta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Gamma-BHC (Lindane) | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| gamma-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlordane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDD | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDE | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDT | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.5 2007-2008 Summary of Water Quality Exceedances for North Fork Coyote Creek Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, RARE, IND, PROC

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dieldrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan I [alpha] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan II [beta] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan sulfate | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin aldehyde | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor Epoxide | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Toxaphene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Polychlorinated Biphenyls | | | | | | | | | | | | |
| Aroclor-1016 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1221 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1232 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1242 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1248 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1254 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1260 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Organohosphate Pesticides | | | | | | | | | | | | |
| Chlorpyrifos | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diazinon | 0.01 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Prometryn | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Atrazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Simazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Malathion | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Herbicides | | | | | | | | | | | | |
| Glyphosate | 25.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-D | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,5-TP-SILVEX | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Other | | | | | | | | | | | | |
| Ammonia | 0.1 | mg/L | 5 | 5 | 100 | 4 | 80 | 2 | 2 | 100 | 1 | 50 |
| Endrin ketone | 0.1 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Methoxychlor | 0.5 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

1) PQL = minimum level

2) This constituent is a function of the parameter(s) in parentheses.

3) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, AGR- Agriculural Uses, GWR - Ground Water Recharge, FRSH - Freshwater Replenishment, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, MAR- Supports Marine Ecosystems, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, SHELL- Shellfish Harvesting, WET - Wetland Habitat

## Table 4-5.6 2007-2008 Summary of Water Quality Exceedances for SD 21 (Artesia-Norwalk Drain) Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, RARE, IND, PROC

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Conventional | | | | | | | | | | | | |
| Oil and Grease | 1 | mg/L | 4 | 2 | 50 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Phenols | 0.10 | mg/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanide | 0.01 | mg/L | 4 | 2 | 50 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| pH | 0-14 | | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Oxygen | 1.00 | mg/L | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Indicator Bacteria | | | | | | | | | | | | |
| Total Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fecal Coliform | 20.00 | MPN/100ml | 4 | 4 | 100 | 4 | 100 | 2 | 2 | 100 | 2 | 100 |
| Ratio Fecal Coliform/Total Coliform | | | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Streptococcus | 20.00 | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Enterococcus | | MPN/100ml | 4 | 4 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| General | | | | | | | | | | | | |
| Chloride | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Fluoride f(temp) [2] | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Nitrate | 0.10 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Sulfate | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Alkalinity | 4.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Hardness | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| COD | 10.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Petroleum Hydrocarbons | 1.00 | mg/L | 4 | 2 | 50 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Specific Conductance | 1.00 | umhos/cm | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Dissolved Solids | 2.00 | mg/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 1 | 50 |
| Turbidity | 0.10 | NTU | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Suspended Solids | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Volatile Suspended Solids | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| MBAS | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Organic Carbon | 1.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| BOD | 2.00 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Methyl Tertiary Butyl Ether (MTBE) | 1.00 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nutrients | | | | | | | | | | | | |
| Dissolved Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Total Phosphorus | 0.05 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| NH3-N | 0.10 | mg/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Nitrate - N | 0.50 | mg/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrite - N | 0.03 | mg/L | 5 | 1 | 20 | 1 | 20 | 2 | 1 | 50 | 0 | 0 |
| Kjeidahl-N | 0.10 | mg/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Metals | | | | | | | | | | | | |
| Dissolved Aluminum | 100.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Aluminum | 100.00 | ug/L | 5 | 5 | 100 | 3 | 60 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Antimony | 5.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Total Antimony | 5.00 | ug/L | 5 | 5 | 100 | 3 | 60 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Arsenic | 5.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Barium | 10.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Barium | 10.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Beryllium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Beryllium | 1.00 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.6 2007-2008 Summary of Water Quality Exceedances for SD 21 (Artesia-Norwalk Drain) Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, RARE, IND, PROC

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dissolved Cadmium | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Cadmium | 1.00 | ug/L | 5 | 3 | 60 | 1 | 20 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Chromium | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Chromium | 5.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Chromium +6 | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Chromium +6 | 10.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Copper | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Copper | 5.00 | ug/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Iron | 100.00 | ug/L | 5 | 3 | 60 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Iron | 100.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Lead | 5.00 | ug/L | 5 | 4 | 80 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Lead | 5.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Mercury | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Mercury | 1.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Nickel | 5.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Nickel | 5.00 | ug/L | 5 | 5 | 100 | 1 | 20 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Selenium | 5.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 1 | 50 | 0 | 0 |
| Total Selenium | 5.00 | ug/L | 5 | 3 | 60 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Dissolved Silver | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Silver | 1.00 | ug/L | 5 | 2 | 40 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Total Thallium | 5.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dissolved Zinc | 50.00 | ug/L | 5 | 5 | 100 | 0 | 0 | 2 | 2 | 100 | 0 | 0 |
| Total Zinc | 50.00 | ug/L | 5 | 5 | 100 | 4 | 80 | 2 | 2 | 100 | 0 | 0 |
| Semi-Volatiles Organics (EPA 625) | | | | | | | | | | | | |
| 2-Chlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dichlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dimethylphenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-dinitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-nitrophenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-chloro-3-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pentachlorophenol | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,6-trichlorophenol | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Base/Neutral | | | | | | | | | | | | |
| Acenaphthene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Acenaphthylene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Anthracene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2 Benzanthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(a)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(g,h,i)perylene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,4 Benzofluoranthene | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Benzo(k)flouranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethoxy)methane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroisopropyl)ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bis(2-Chloroethyl)ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.6 2007-2008 Summary of Water Quality Exceedances for SD 21 (Artesia-Norwalk Drain) Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, RARE, IND, PROC

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Bis(2-Ethylhexl)phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Bromophenyl phenyl ether | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Butyl benzyl phthalate | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloroethyl vinyl ether | 2.50 | ug/L | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2-Chloronaphthalene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4-Chlorophenyl phenyl ether | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chrysene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dibenzo(a,h)anthracene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,3-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,4-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Dichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 3,3-Dichlorobenzidine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Dimethyl phthalate | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Butyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,6-Dinitrotoluene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,6 Dinitro-2-methylphenol | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2-Diphenylhydrazine | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| di-n-Octyl phthalate | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluoranthene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Fluorene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachlorobutadiene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloro-cyclopentadiene | 3.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Hexachloroethane | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Indeno (1,2,3-cd)pyrene | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Isophorone | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Naphthalene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nitrobenzene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-dimethyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-diphenyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| N-Nitroso-di-n-propyl amine | 0.30 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Phenanthrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Pyrene | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 1,2,4-Trichlorobenzene | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlorinated Pesticides | | | | | | | | | | | | |
| Aldrin | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| beta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| delta-BHC | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Gamma-BHC (Lindane) | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| alpha-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| gamma-chlordane | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Chlordane | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDD | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDE | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4,4'-DDT | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

## Table 4-5.6 2007-2008 Summary of Water Quality Exceedances for SD 21 (Artesia-Norwalk Drain) Tributary Monitoring Station

## Beneficial Uses [3] : MUN, REC1, REC2, WILD, WARM, RARE, IND, PROC

| | | | Wet Weather | | | | | Dry Weather | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Class Constituent | PQL [1] | Units | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances | No. of Samples | No. of Detects | Percent Detects | No. of Exceedances | Percent Exceedances |
| Dieldrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan I [alpha] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan II [beta] | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endosulfan sulfate | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Endrin aldehyde | 0.10 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Heptachlor Epoxide | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Toxaphene | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Polychlorinated Biphenyls | | | | | | | | | | | | |
| Aroclor-1016 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1221 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1232 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1242 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1248 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1254 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Aroclor-1260 | 0.50 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Organohosphate Pesticides | | | | | | | | | | | | |
| Chlorpyrifos | 0.05 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Diazinon | 0.01 | ug/L | 5 | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Prometryn | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Atrazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Simazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cyanazine | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Malathion | 2.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Herbicides | | | | | | | | | | | | |
| Glyphosate | 25.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4-D | 10.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 2,4,5-TP-SILVEX | 1.00 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Other | | | | | | | | | | | | |
| Ammonia | 0.1 | mg/L | 5 | 5 | 100 | 5 | 100 | 2 | 2 | 100 | 2 | 100 |
| Endrin ketone | 0.1 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Methoxychlor | 0.5 | ug/L | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |

1) PQL = minimum level

2) This constituent is a function of the parameter(s) in parentheses.

3) Beneficial uses are defined as follows: MUN - Municipal and Domestic Supply, IND - Industrial Service Supply, PROC - Industrial Process Supply, AGR- Agriculural Uses, GWR - Ground Water Recharge, FRSH - Freshwater Replenishment, REC1 - Water Contact Recreation, REC2 - Non-Contact Water Recreation, WARM - Warm Freshwater Habitat, COLD - Cold Freshwater Habitat, MAR- Supports Marine Ecosystems, WILD - Wildlife Habitat, RARE - Rare, Threatened, or Endangered Species, MIGR - Migration of Aquatic Organisms, SPWN - Spawning, Reproduction, and/or Early Development, SHELL- Shellfish Harvesting, WET - Wetland Habitat