Table 4-9.2 Estimated Pollutant Loading

| Constituent | Malibu Creek (S02) Load (lbs) | | | | | |
|---|---|---|---|---|---|---|
| | 12/09/2006 | 02/10/2007 | 02/19/2007 | 02/22/2007 | 04/20/2007 | 04/22/2007 |
| Total Suspended Solids | 1705816.87 | | 6322.90 | 59620.71 | 23580.76 | |
| Total Dissolved Solids | 998843.34 | | 609916.41 | | | |
| Sulfate | 471856.19 | | 236865.46 | 200288.31 | | |
| Hardness as CaCO3 | 57292.96 | | 340463.70 | 284129.93 | | |
| Alkalinity as CaCO3 | 146853.75 | | 106467.86 | 88639.22 | | |
| Volatile Suspended Solids | 267006.82 | | 2431.88 | 39126.09 | | |
| Chloride | 96749.44 | | 73442.88 | 54497.05 | | |
| Chemical Oxygen Demand | 142151.41 | | 27699.15 | 19674.83 | | |
| Dissolved Oxygen | 4610.46 | | 4698.40 | 4704.45 | | |
| Aluminum | 10864.04 | | 1206.21 | 1476.54 | | |
| Iron | 11674.79 | | 166.83 | 1378.73 | | |
| Nitrate (NO3) | 10107.34 | | | | | |
| Total Organic Carbon | | | 2806.39 | 3004.32 | | |
| BioChemical Oxygen Demand- Five-Day | 2156.59 | | 1600.18 | 1816.57 | | |
| Kjeldahl-N | 2097.14 | | 389.10 | 717.31 | | |
| Nitrate-N | 2280.91 | | | | | |
| Phosphorus- Total (as P) | 572.93 | | 373.54 | 299.04 | | |
| Dissolved Phosphorus | 297.27 | | 291.83 | 200.29 | | |
| Fluoride | 151.34 | | 161.96 | 149.98 | | |
| Barium | 201.61 | | 20.48 | 28.23 | | |
| Ammonia | 81.07 | | 77.82 | 60.55 | | |
| NH3-N | 64.86 | | 63.23 | 51.24 | | |
| Zinc | 78.91 | | 9.97 | 11.32 | | |
| Copper | 28.81 | | 8.56 | 10.48 | | |
| Dissolved Barium | 20.27 | | 14.93 | 12.62 | | |
| Nickel | 26.86 | | 4.53 | 7.41 | | |
| Chromium | 14.76 | | 0.77 | 2.27 | | |
| Selenium | 9.40 | | 2.53 | 2.50 | | |
| Lead | 11.84 | | 0.41 | 1.34 | | |
| Dissolved Nickel | 5.73 | | 3.44 | 3.63 | | |
| Dissolved Iron | | | 12.31 | | | |
| Dissolved Selenium | 4.95 | | 2.47 | 2.23 | | |
| Cadmium | 8.05 | | 0.14 | 0.50 | | |
| Dissolved Copper | 3.06 | | 2.09 | 1.66 | | |
| Arsenic | 3.45 | | 0.87 | 1.23 | | |
| Dissolved Zinc | | | 5.50 | | | |
| Dissolved Arsenic | 1.38 | | 0.79 | 0.79 | | |
| Antimony | 0.52 | | 0.27 | 0.43 | | |
| Dissolved Chromium | 0.69 | | | | | |
| Dissolved Cadmium | 0.37 | | | | | |
| Thallium | 0.32 | | | | | |
| Beryllium | 0.29 | | | | | |
| Dissolved Antimony | | | | 0.24 | | |
| Silver | 0.24 | | | | | |

* Blanks indicate no available data