

# SWP Water Quality Summary

September 12, 2005

**Total Dissolved Solids:** TDS at all locations remained below the Article 19 Ten Year Average Objective of 220 mg/l, except at Banks Pumping Plant (BPP) with concentration of 227 mg/l. TDS at all locations ranged from 140 to 227 mg/l except at Barker Slough where concentration remained unchanged. The greatest increase of 96 mg/l occurred at BPP followed by Vallecitos and Check 29.

**Bromide concentrations:** Bromide had similar pattern as TDS, increasing at all locations except Barker Slough. The highest concentration of 0.16 mg/l occurred at BPP followed by Check 41 and Vallecitos. All locations had concentrations above CBDA objective of 0.05 mg/l.

**Turbidity:** Turbidity at all locations was below 20 NTU except at Barker Slough (57 NTU) and ranged from 3 to 57 NTU. Turbidity decreased only at Check 29 and Vallecitos.

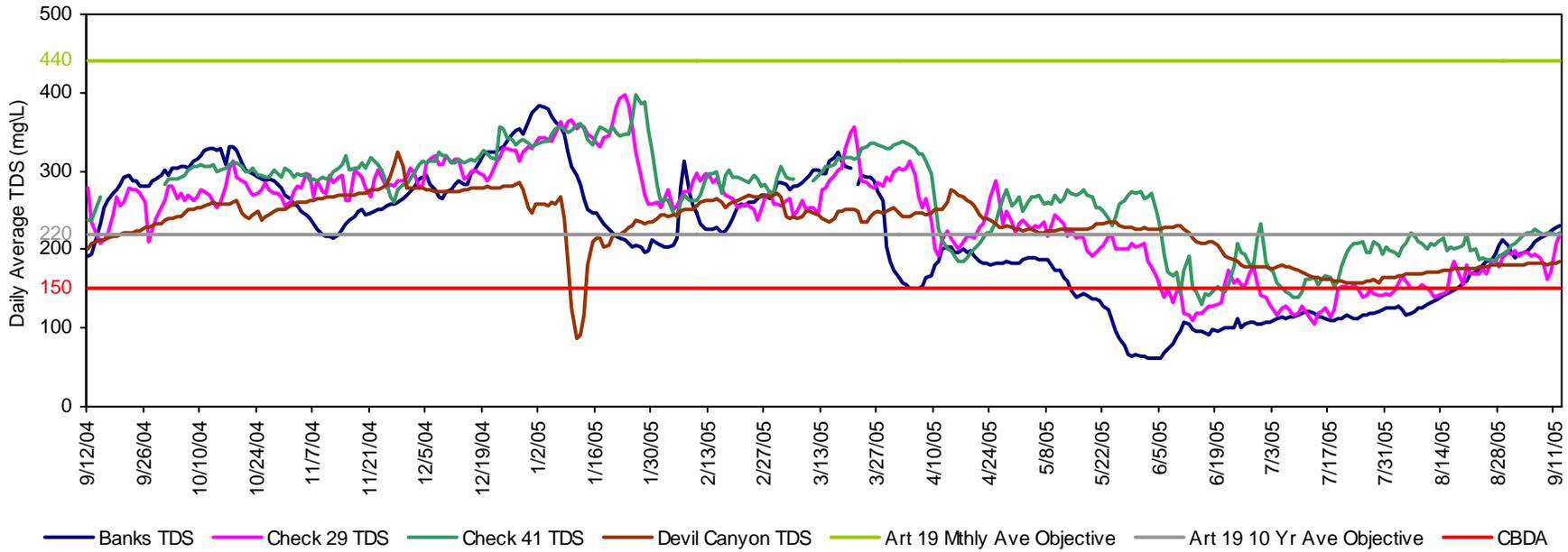
**Dissolved Organic Carbon:** DOC concentrations decreased at Banks Pumping Plant, but increased at Check 13. Concentrations at BPP and Check 13 ranged from 2.23 to 2.05 mg/l, and 2.91 to 2.97 mg/l, respectively. Concentrations at both locations were below the CBDA TOC Objective of 3 mg/l.

**Taste and Odor Compounds:** MIB dropped at Clifton Court (Inlet and outlet), BPP and Del Valle Check 7, ranging from 8 to 18 ng/l while geosmin decreased but remained variable. MIB and geosmin were moderate to high at most East Branch Checks (Checks 43 to 66) before entering Silverwood Lake. However, MIB and geosmin were very low at Check 41.

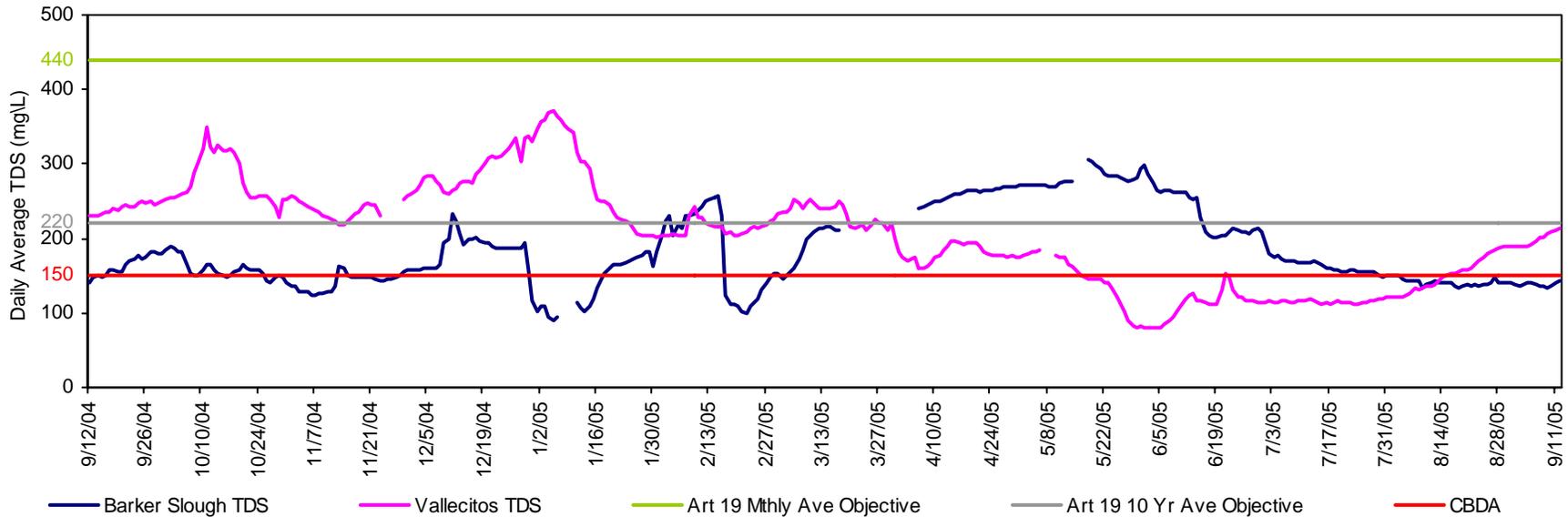
**Ground Water Pump-in:** None.

For more information refer to: <http://www.mwq.water.ca.gov> and <http://www.dpla.ca.gov/supply/sampling/mwq/main.htm>

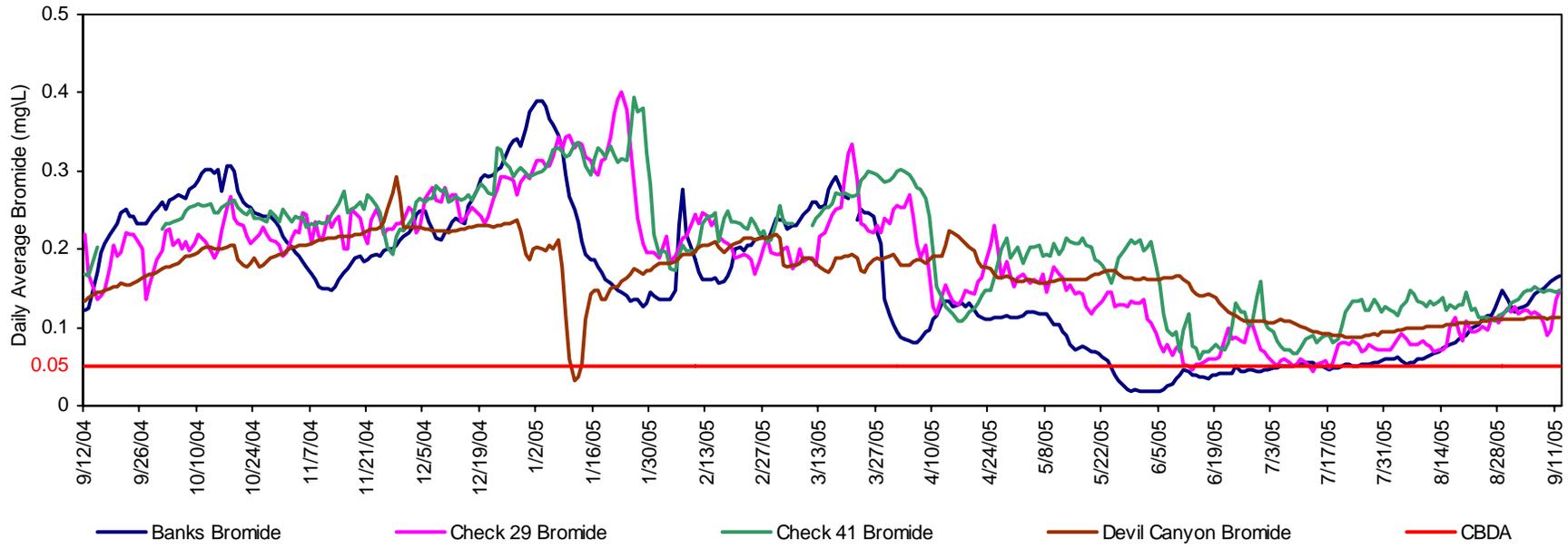
### California Aqueduct - Calculated Total Dissolved Solids



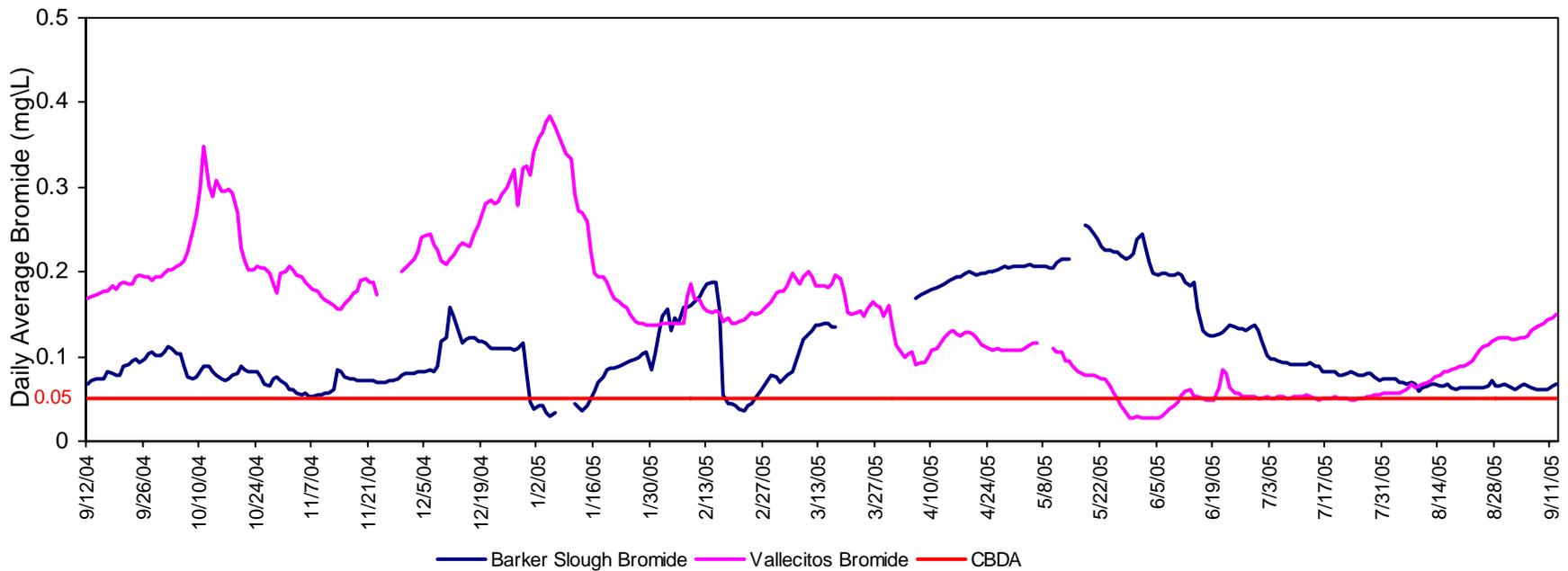
### North and South Bay Aqueduct - Calculated Total Dissolved Solids



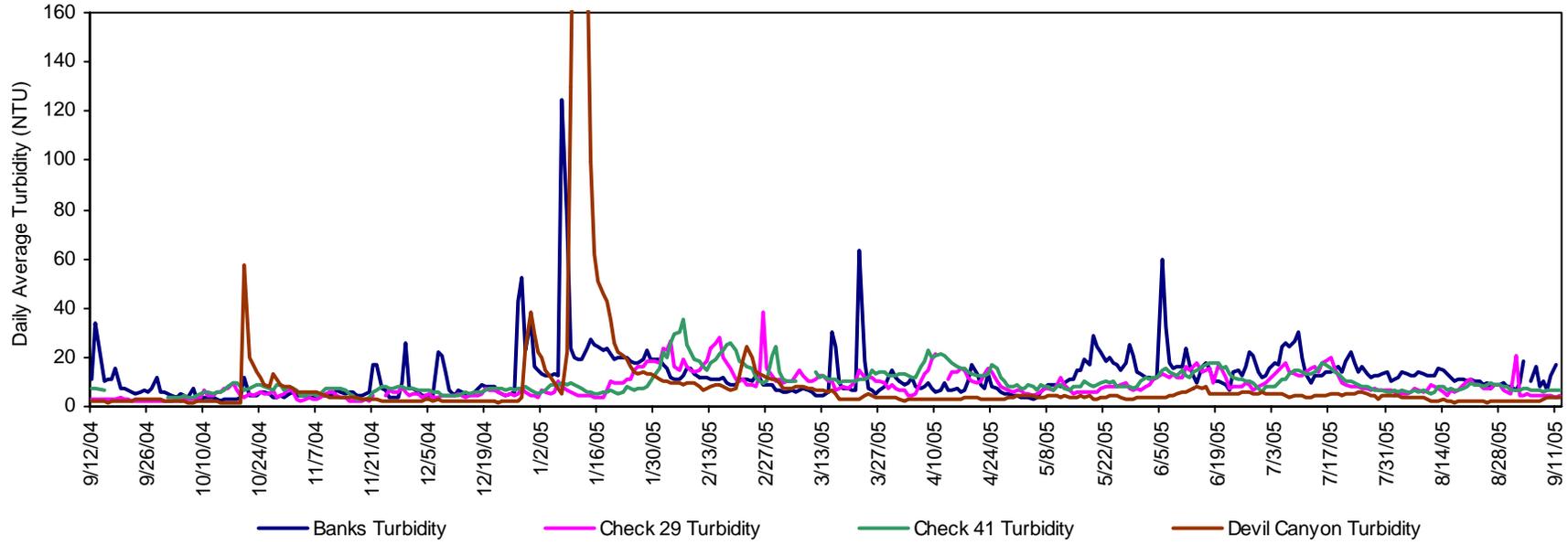
### California Aqueduct - Calculated Bromide



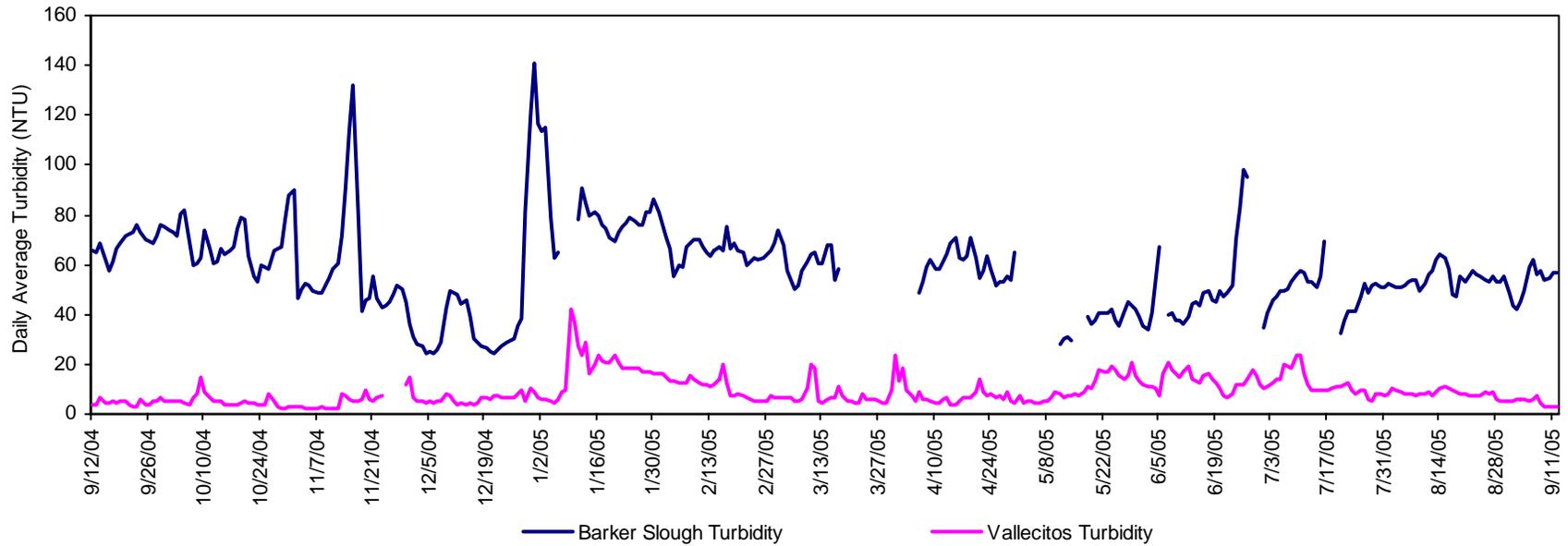
### North and South Bay Aqueduct - Calculated Bromide



### California Aqueduct - Turbidity



### North and South Bay Aqueduct - Turbidity



# California Aqueduct Calculated Dissolved Organic Carbon

