

SWP Water Quality Summary

November 12 to 19, 2008

Electrical Conductivity: Concentrations increased at Banks Pumping Plant (BPP), but decreased at Check 29, Devil Canyon and Vallecitos from November 12 to 19, 2008. Concentrations ranged from 337 $\mu\text{S}/\text{cm}$ to 576 $\mu\text{S}/\text{cm}$, but remained below the Article 19 Monthly Average Objective of 440 mg/L (733 $\mu\text{S}/\text{cm}$). Daily average concentrations varied at all the locations. As of November 19, 2008, the lowest and highest concentrations of 377 $\mu\text{S}/\text{cm}$ and 561 $\mu\text{S}/\text{cm}$ occurred at Check 29 and BPP, respectively. Concentrations at BPP increased from 530 $\mu\text{S}/\text{cm}$ to 561 $\mu\text{S}/\text{cm}$, this week.

Bromide: Concentrations exceeded the California Bay Delta Authority (CBDA) Objective of 0.05 mg/L at all locations and ranged from 0.11 mg/L to 0.30 mg/L. As of November 19, Check 29 had the lowest concentration of 0.13 mg/L, followed by Vallecitos with 0.17 mg/L while the highest concentration of 0.29 mg/L occurred at BPP. Concentrations at BPP increased from 0.26 mg/L to 0.29 mg/L, as of November 19, 2008.

Turbidity: Turbidity levels decreased at Check 29 and Devil Canyon, but increased at Check 41 and were unchanged at BPP and Vallecitos. Turbidity levels ranged from 0.4 NTU to 5 NTU as of November 19, 2008. On November 19, 2008, the lowest level of .4 NTU occurred at Check 29 while the highest level of 5 NTU occurred at BPP and Vallecitos, respectively. BPP mean daily turbidity levels were unchanged at 5 NTU, as of November 19, 2008.

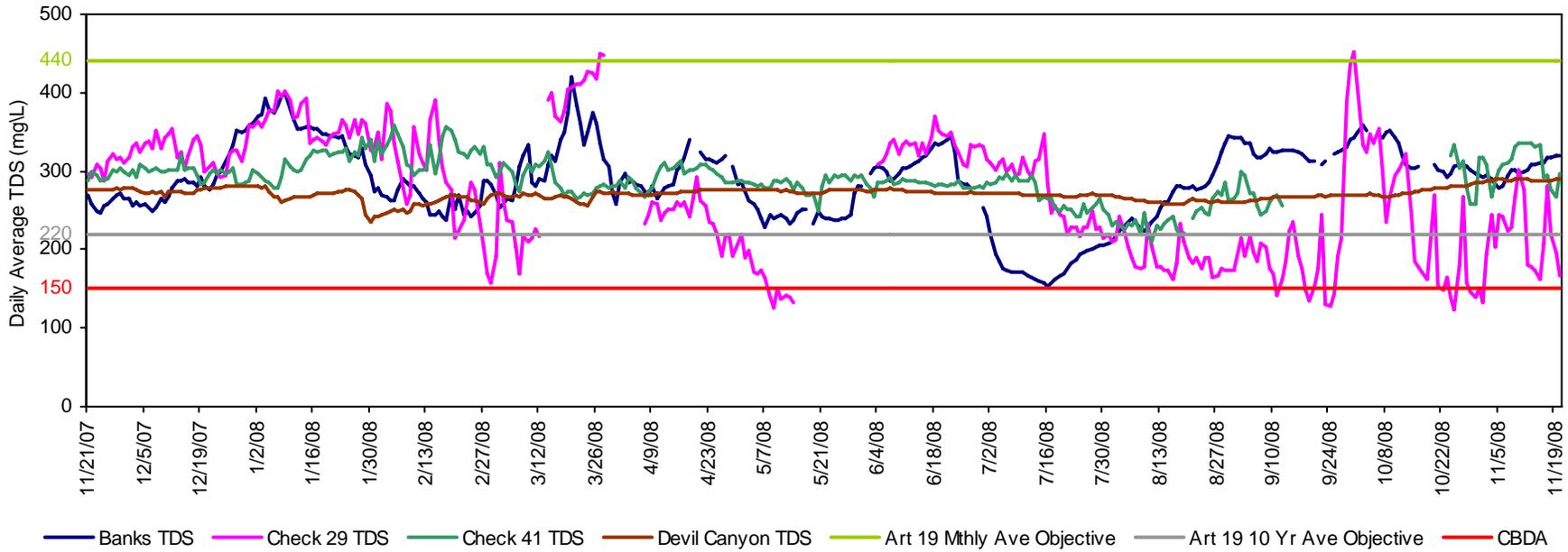
Dissolved Organic Carbon (DOC): Concentrations decreased at BPP and Edmonston, from 3.1 mg/L to 2.4 mg/L and from 1.6 mg/L to 1.4 mg/L, but were unchanged at Check 13 at 2.6 mg/L, as of November 19, 2008.

Taste and Odor Compounds: MIB and geosmin remain low project-wide, ranging from non-detect to 8 ng/L at Clifton Court Inlet, BPP, O'Neill Forebay Outlet, Check 41, Check 66, Del Valle Check 7, Castaic Lake and Silverwood Lake, as of November 17 to 18, 2008. The only exception occurred at Lake Perris, where MIB concentrations ranged from non – detect to 31 ug/L as of November 17, 2008. Sampling at Clifton Court Outlet will be discontinued until the spring of 2009.

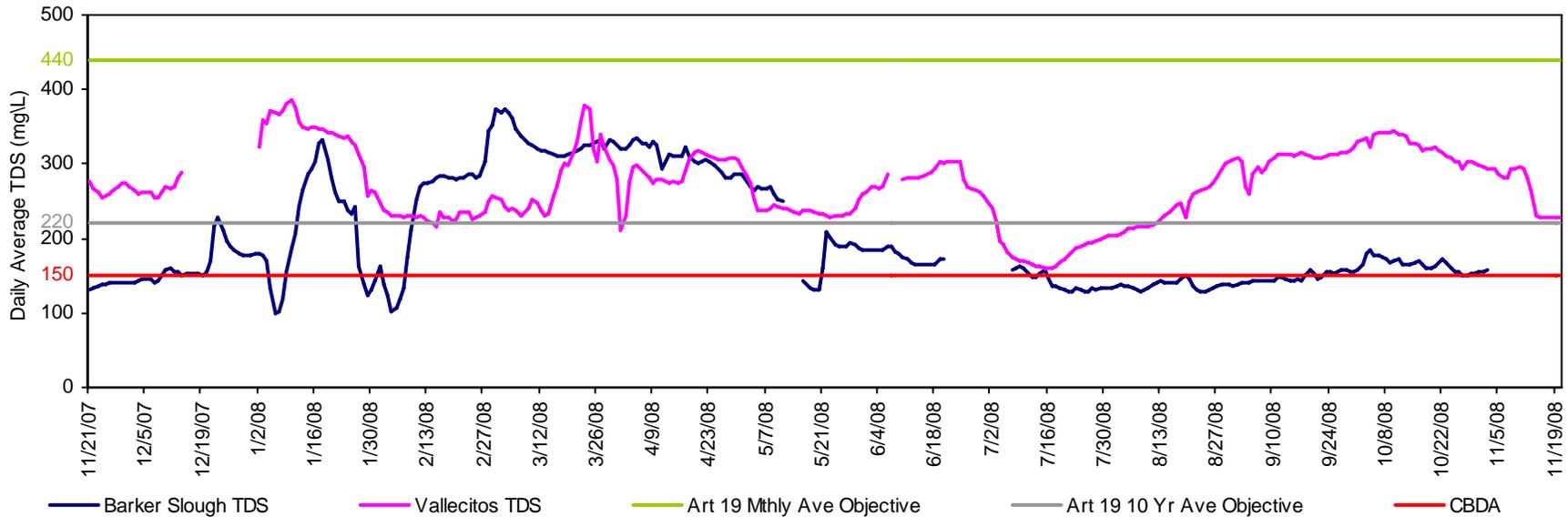
Note:

The intent of the weekly water quality (WQ) summary is to acquaint contractors, scientists and interested parties with the status of water quality in the State Water Project (SWP). Your comments, questions and suggestions are welcome and can be directed to Cindy Garcia @ 916-653-7213, or Austine Eke @ 916-653-7227. To view WQ data from any of the 15 automated stations along the SWP, visit: <http://www.womwq.water.ca.gov> and click the "Autostation Data" link on the left side navigation bar.

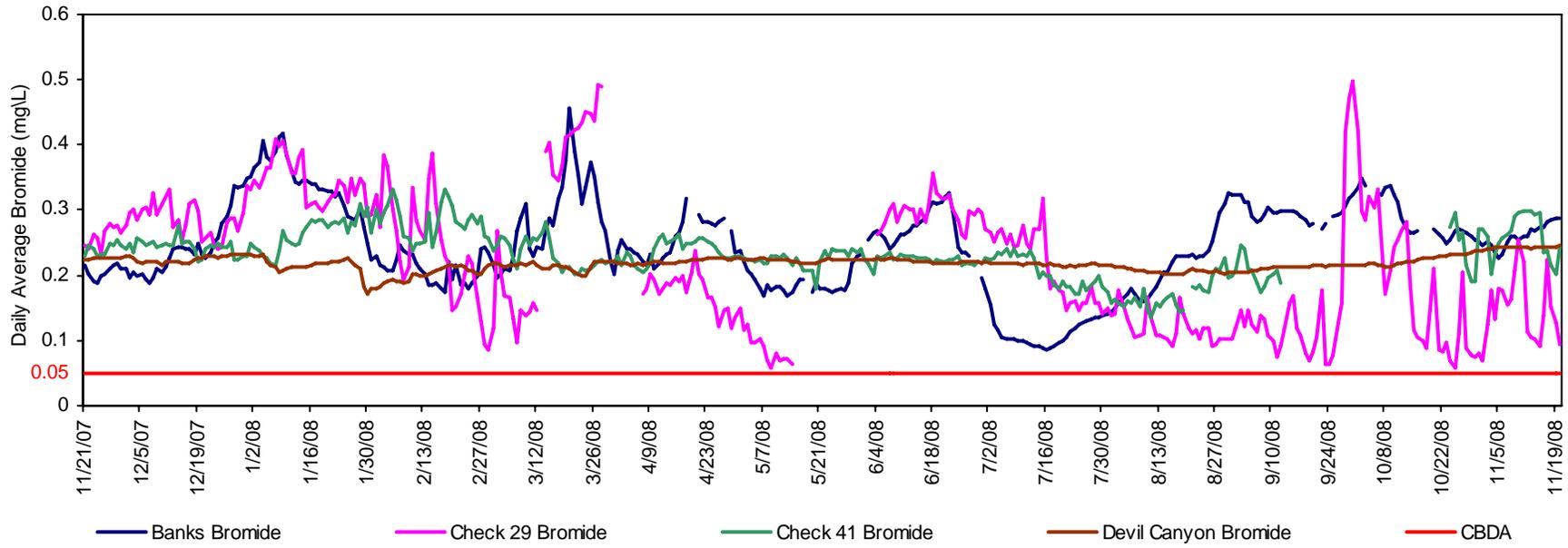
California Aqueduct - Calculated Total Dissolved Solids



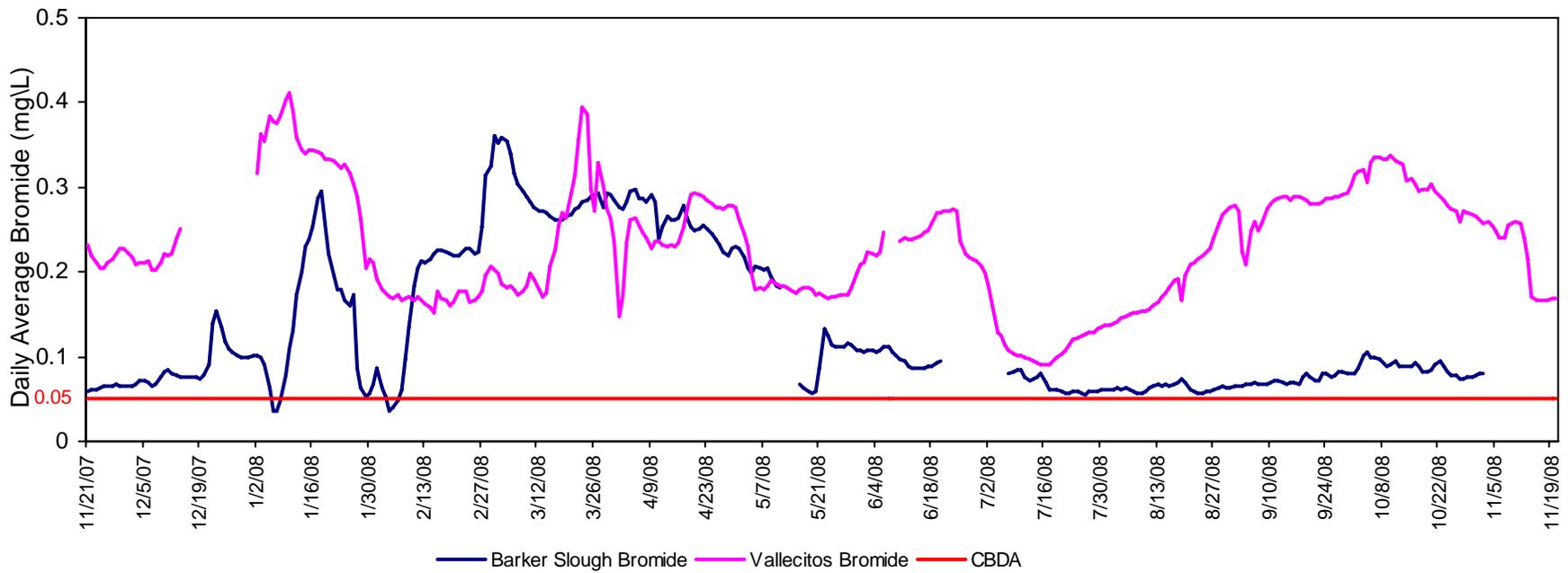
North and South Bay Aqueduct - Calculated Total Dissolved Solids



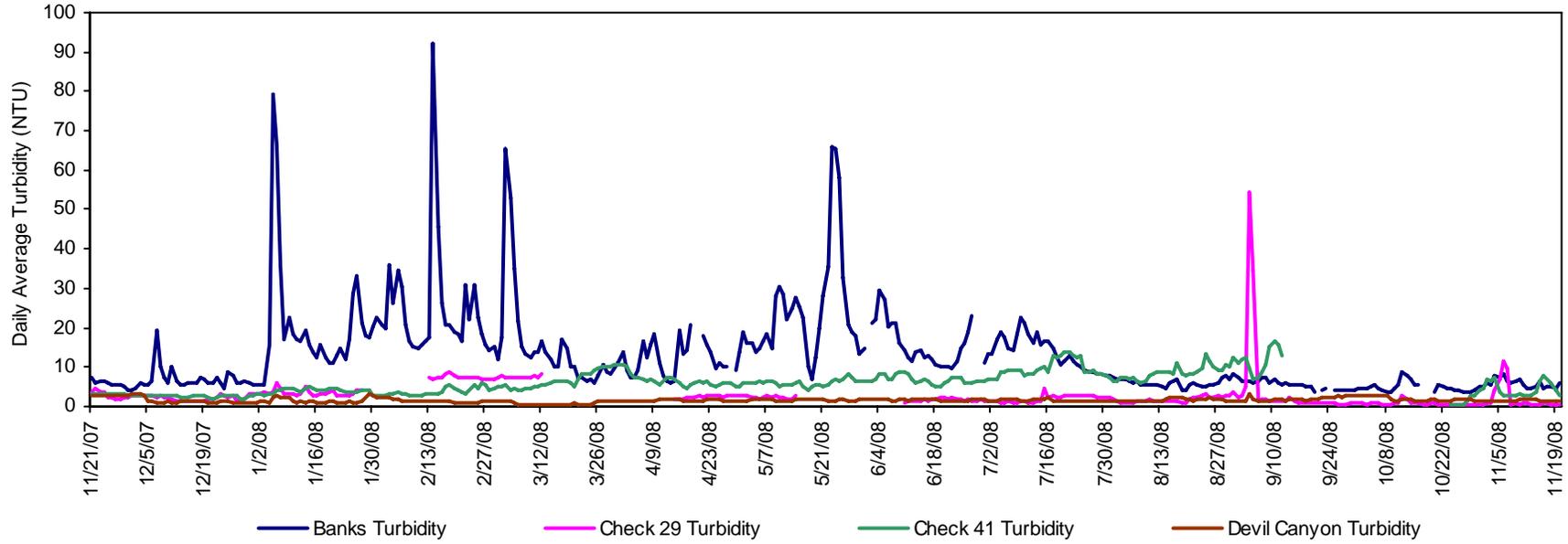
California Aqueduct - Calculated Bromide



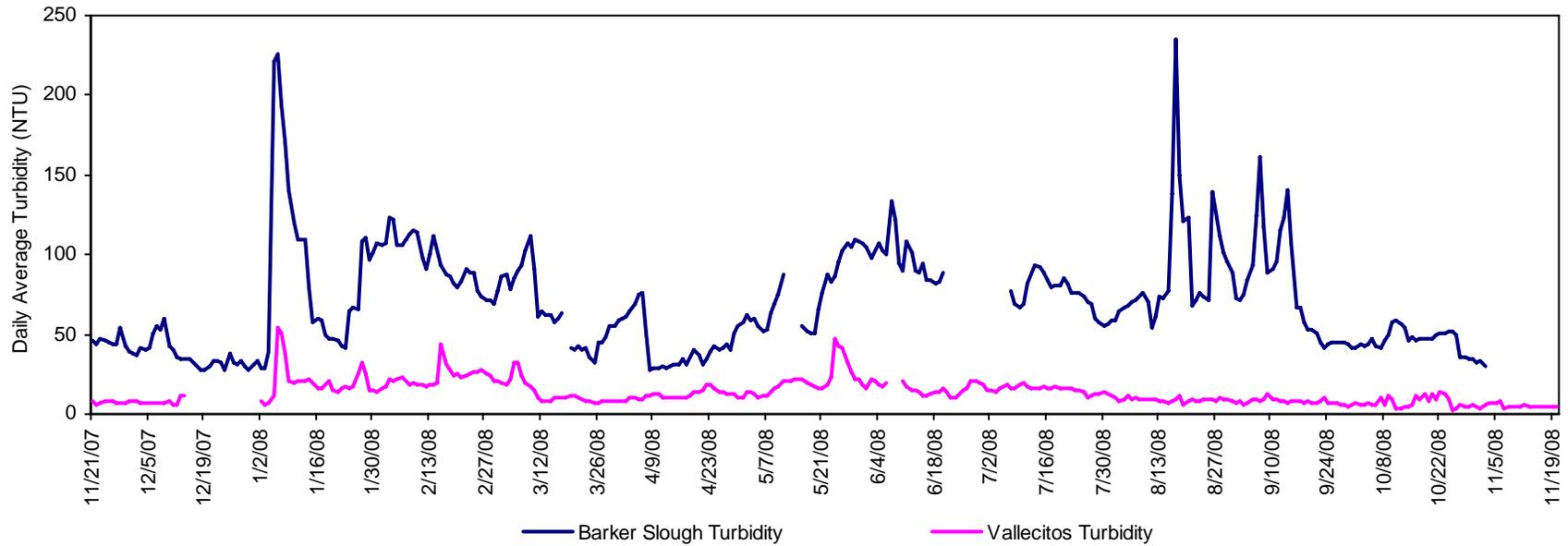
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

