

SWP Water Quality Summary

March 12 to 19, 2008

Total Dissolved Solids: TDS increased at Banks Pumping Plant (BPP), Check 29 and Vallecitos, but decreased at Check 41, Devil Canyon and Barker Slough. Concentrations ranged from 218 mg/L to 404 mg/L (363 uS/cm to 673 uS/cm) and remained below the Article 19 Monthly Average Objective of 440 mg/L. The highest concentration of 404 mg/L (673 uS/cm) occurred at Check 29 while the lowest concentration of 267 mg/L (445 uS/cm) occurred at Devil Canyon on March 19, 2008. Concentrations increased at BPP from 290 mg/L to 375 mg/L (483 uS/cm to 625 uS/cm), this week.

Bromide: Concentrations remain above the California Bay Delta Authority (CBDA) Objective of 0.05 mg/L project wide, ranging from 0.15 mg/L to 0.41 mg/L. As of March 19, Check 41 and Devil Canyon had the lowest concentration of 0.21 mg/L, followed by Vallecitos with 0.26 mg/L while the highest concentration of 0.41 mg/L occurred at Check 29. The concentration at BPP increased slightly from 0.24 mg/L to 0.38 mg/L as of March 19, 2008.

Turbidity: Turbidity levels decreased at BPP from 16 NTU to 10 NTU, and from 64 NTU to 41 NTU at Barker Slough, but increased at Check 41 from 5 NTU to 6 NTU and from 9 NTU to 12 NTU at Vallecitos. Turbidity levels were unchanged at Devil Canyon (0.6 NTU), this week.

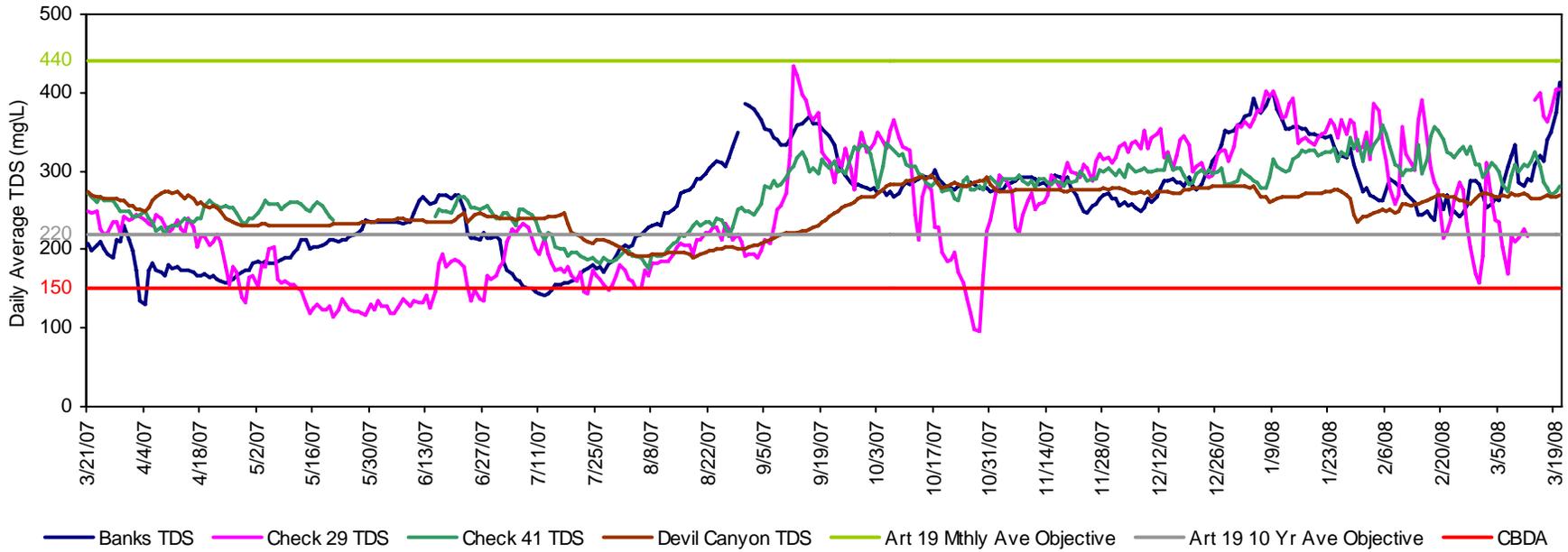
Dissolved Organic Carbon: Concentration decreased at BPP from 6.4 mg/L to 6.0 mg/L, and from 8.1 mg/L to 6.7 mg/L at Check 13, but increased from 2.4 mg/L to 3.9 mg/L at Edmonston, respectively, this week. However, concentrations at BPP and Check 13 continue to remain relatively high.

Taste and Odor Compounds: MIB and geosmin continue to be low project wide, ranging from non-detect to 5 ng/L at BPP, Del Valle Check 7, San Luis Reservoir Tower, Pacheco Pumping Plant, and O'Neill Forebay Outlet, as of February 25, 2008.

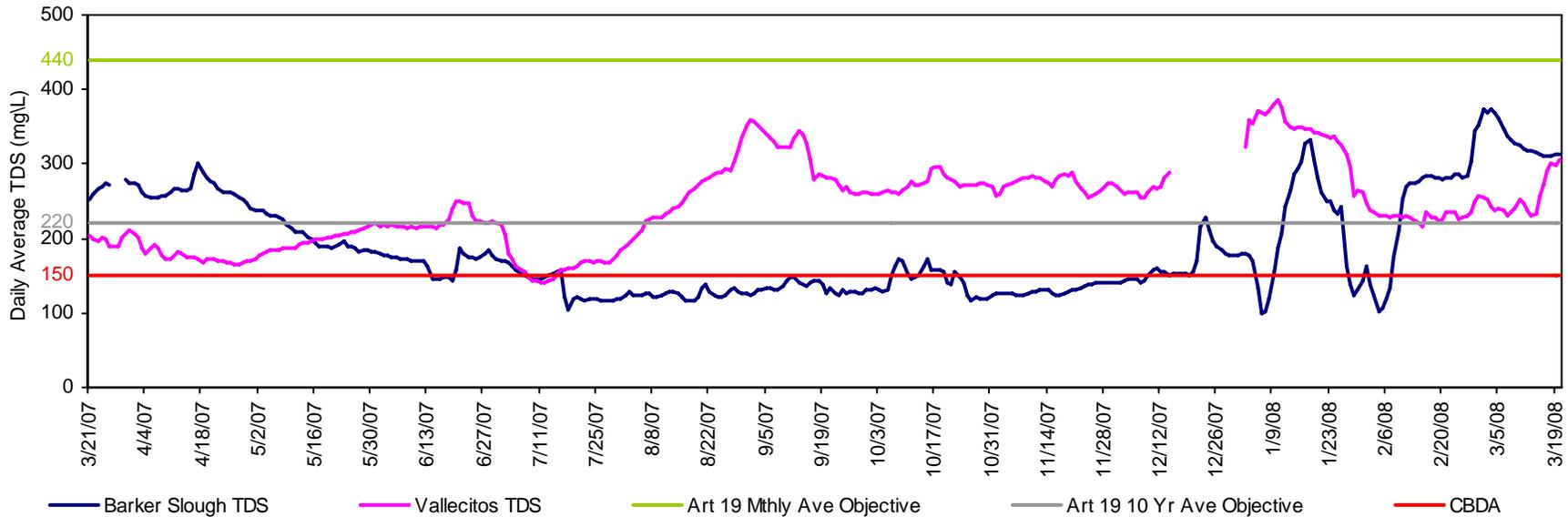
Note:

The intent of the weekly water quality (WQ) summary is to acquaint contractors, scientist 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 Austine Eke @ 916-653-7227 or Cindy Garcia @ 916-653-7213. 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.

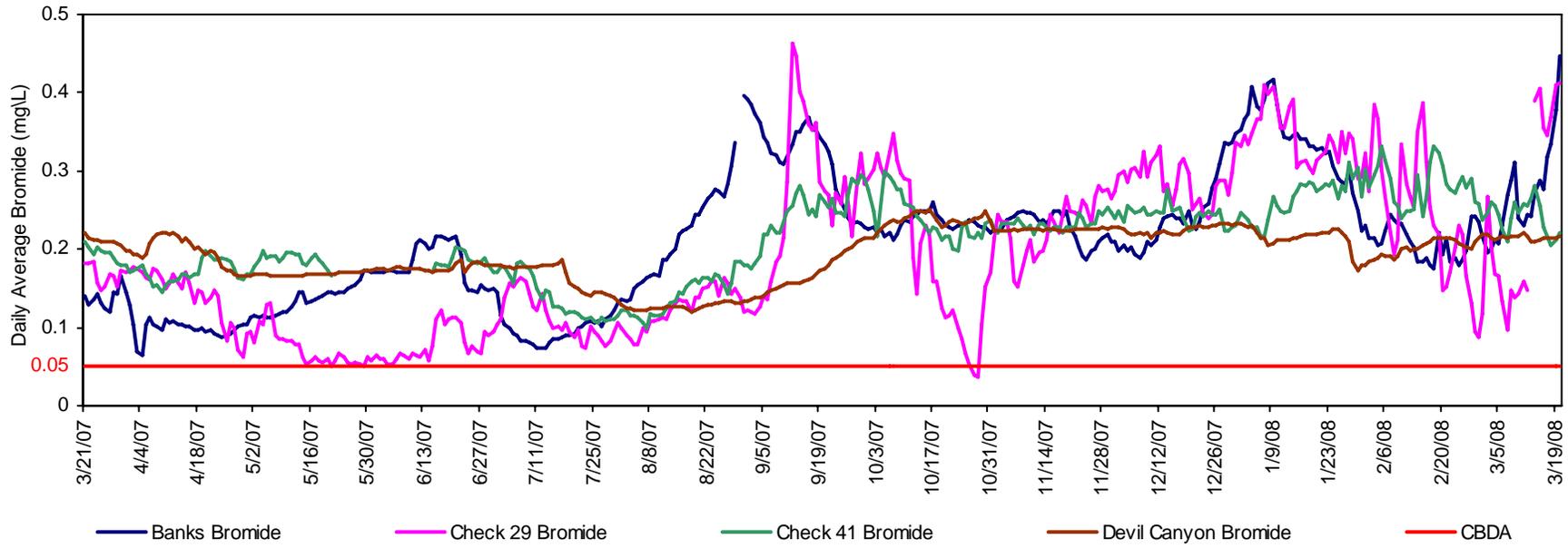
California Aqueduct - Calculated Total Dissolved Solids



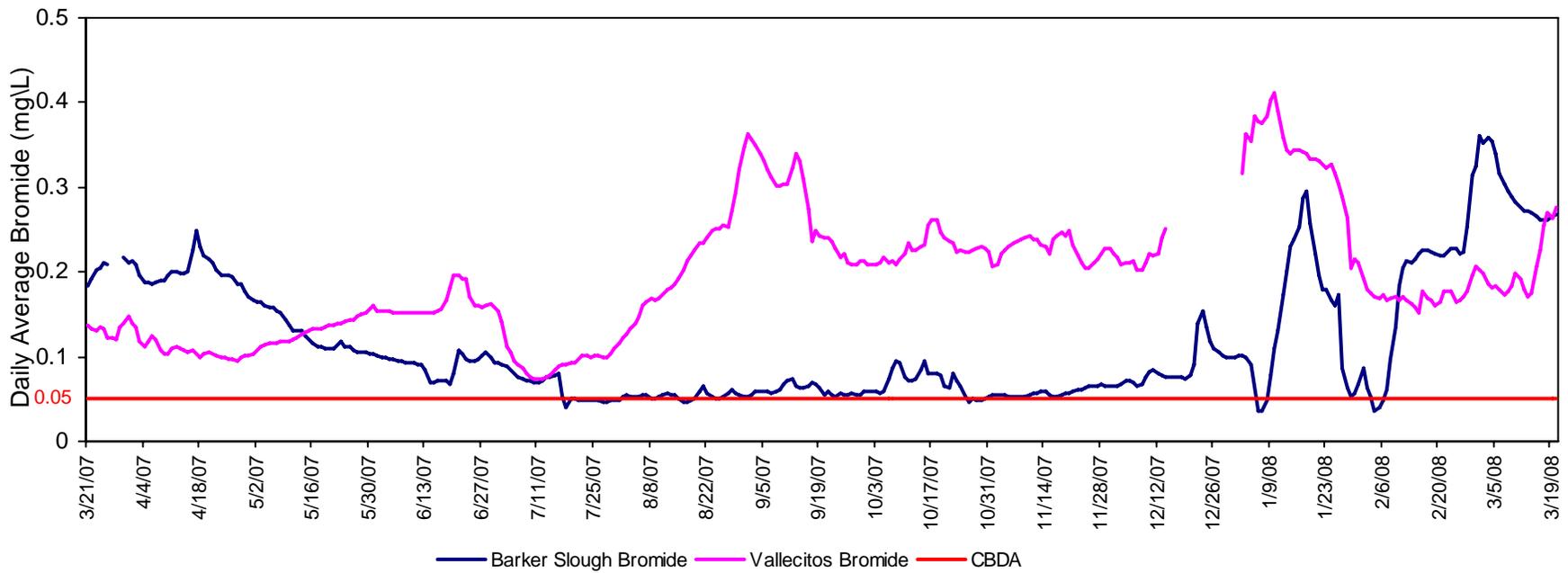
North and South Bay Aqueduct - Calculated Total Dissolved Solids



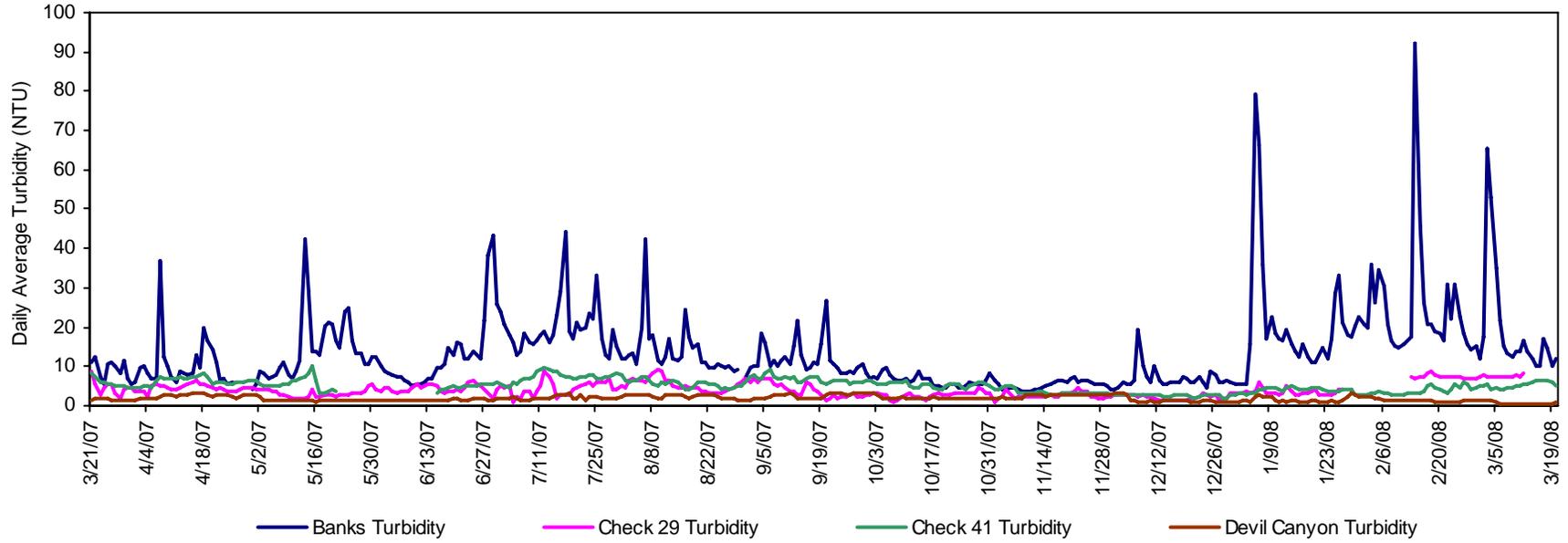
California Aqueduct - Calculated Bromide



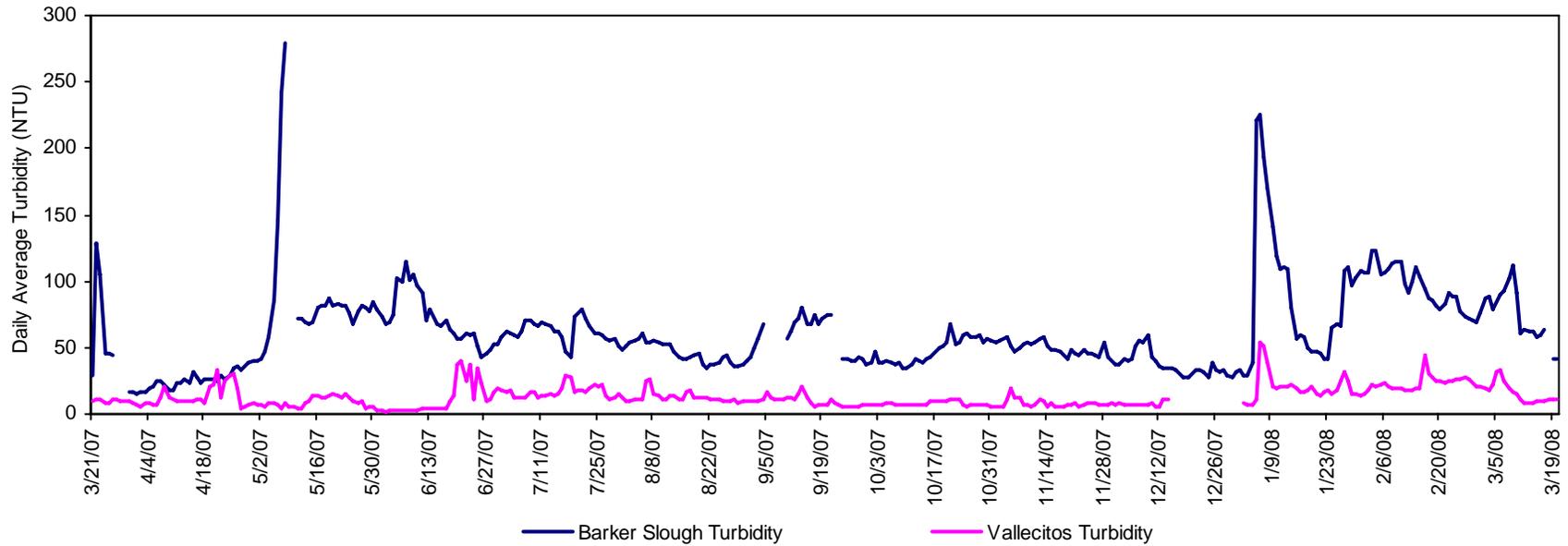
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

