

SWP Water Quality Summary

April 11 to May 9, 2007

Total Dissolved Solids: This month's data show TDS decreasing at all stations except at Banks Pumping Plant (BPP) where they ranged from 159 to 230 mg/L. TDS at all locations remained below the Article 19 Monthly Average Objective of 440 mg/L. The highest concentration of 230 mg/L occurred at Devil Canyon while the lowest concentration of 159 mg/L occurred at Check 29 on May 9, 2007. Concentrations at BPP increased from 175 to 190 mg/L this month.

Bromide: Concentrations exceeded the CBDA Objective of 0.05 mg/L at all locations ranging from 0.10 to 0.19 mg/L. Check 29 had the lowest concentration of 0.10 mg/L, followed by BPP with 0.12 mg/L while the highest concentration of 0.19 mg/L occurred at Check 41. The concentration at BPP increased from 0.11 to 0.12 mg/L as of May 9, 2007.

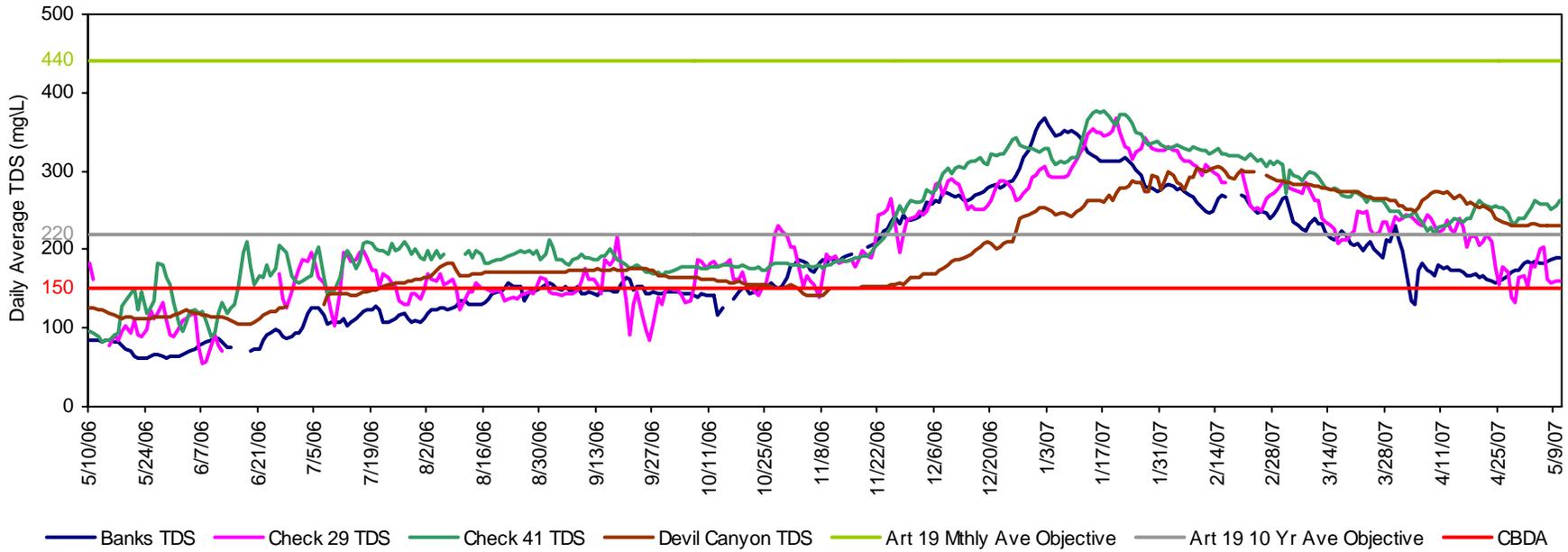
Turbidity: Turbidity levels this month ranged from 1 to 8 NTU. The greatest decrease of 2 NTU occurred at Check 29 on May 9, 2007. The lowest concentration of 1 NTU occurred at Devil Canyon while the highest concentration of 8 NTU occurred at BPP. Turbidity at BPP rose to 20 NTU on April 18, 2007 but later leveled off and ended at 8 NTU on May 9, 2007. There is no data for Barker Slough because work is in progress to fix the turbidity instrument that appears to be malfunctioning.

Dissolved Organic Carbon: Concentrations at Check 13 and Edmonston were 2.0 and 2.5 mg/L, respectively, below the CALFED TOC Objective of 3.0 mg/L. Concentrations at BPP increased from 3.4 to 4.1 mg/L this month and it is above the CALFED TOC Objective of 3.0 mg/L.

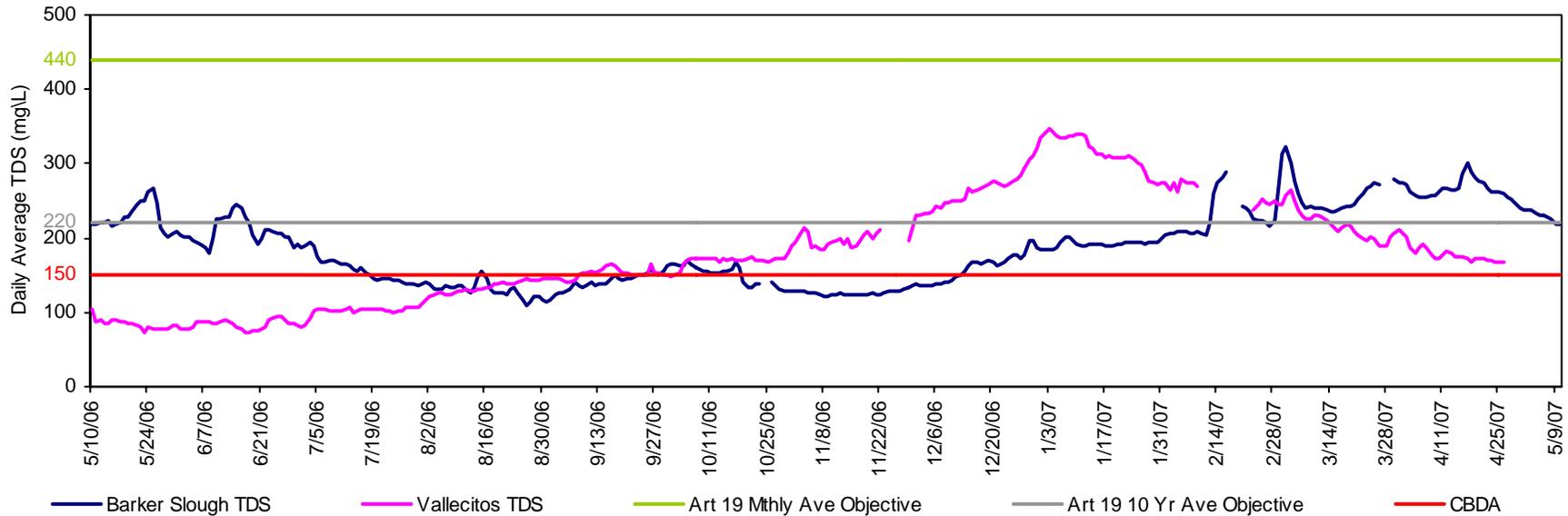
Taste and Odor Compounds: MIB and geosmin concentrations have remained low the past four weeks project wide. MIB was undetected at Del Valle Check and Clifton Court Inlet while geosmin values were 4 ng/L at both locations on March 8, 2007.

***Note:** Data from Vallecitos appear to have remained within the reporting range for TDS, bromide and turbidity; however, there was a cell phone malfunction that is being repaired.

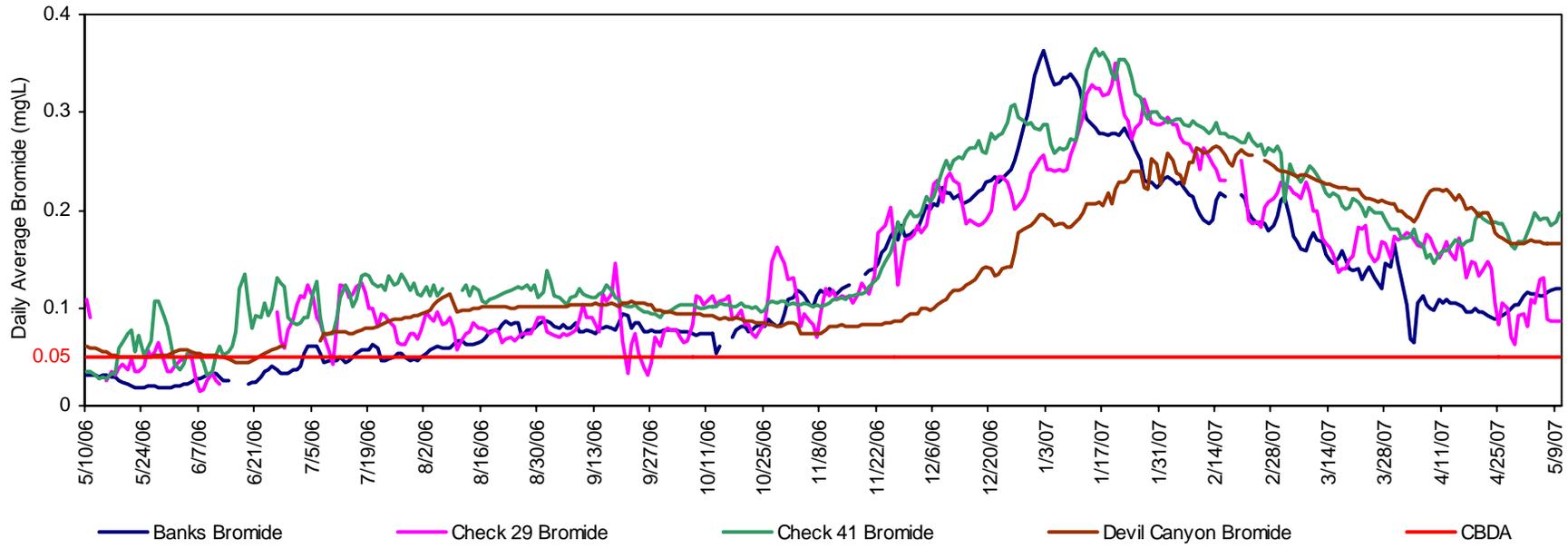
California Aqueduct - Calculated Total Dissolved Solids



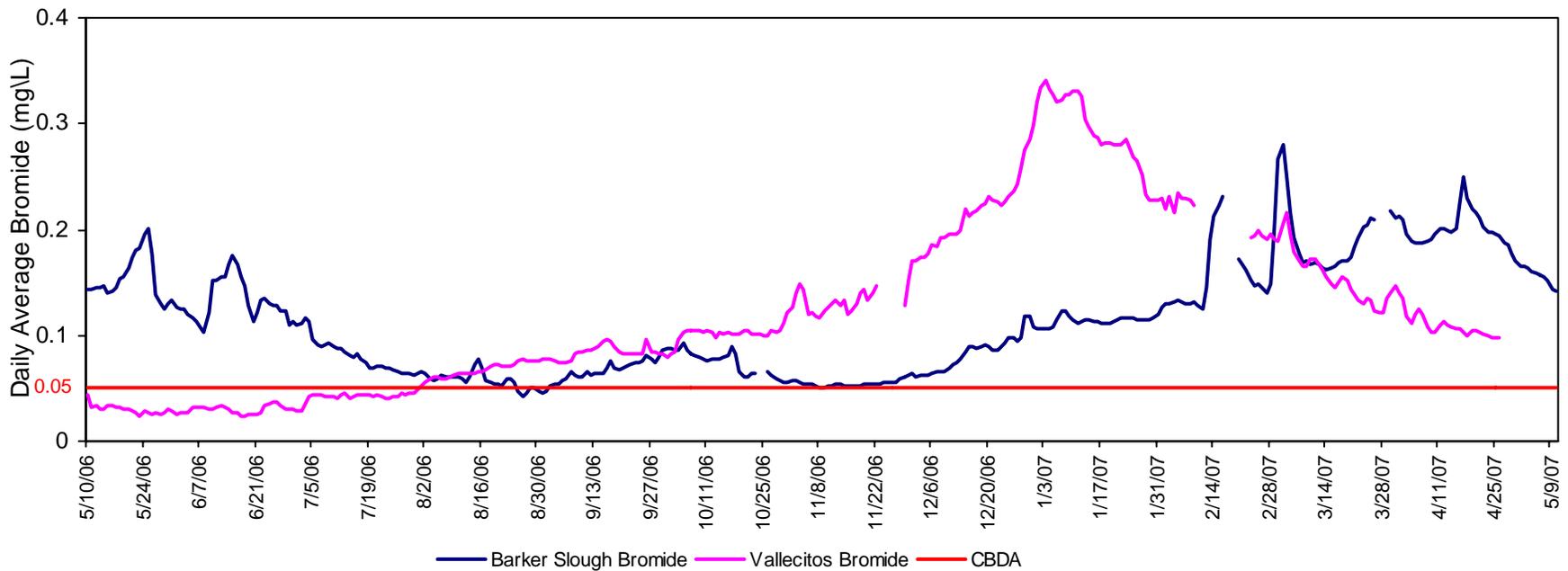
North and South Bay Aqueduct - Calculated Total Dissolved Solids



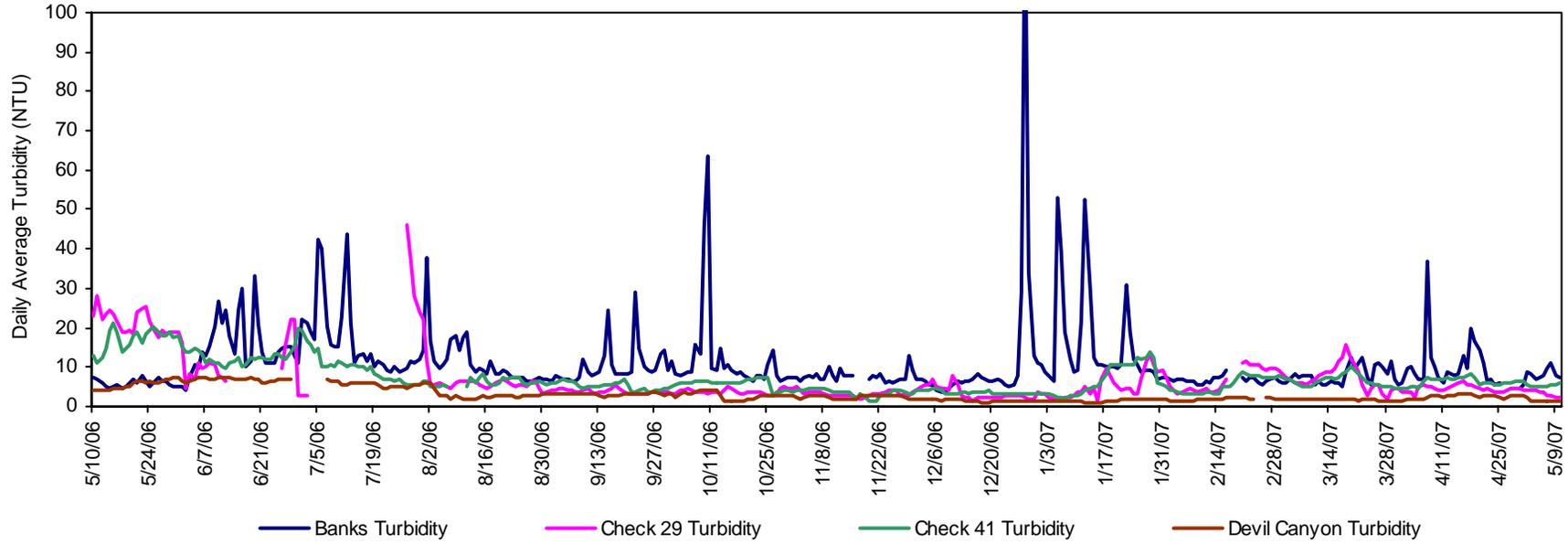
California Aqueduct - Calculated Bromide



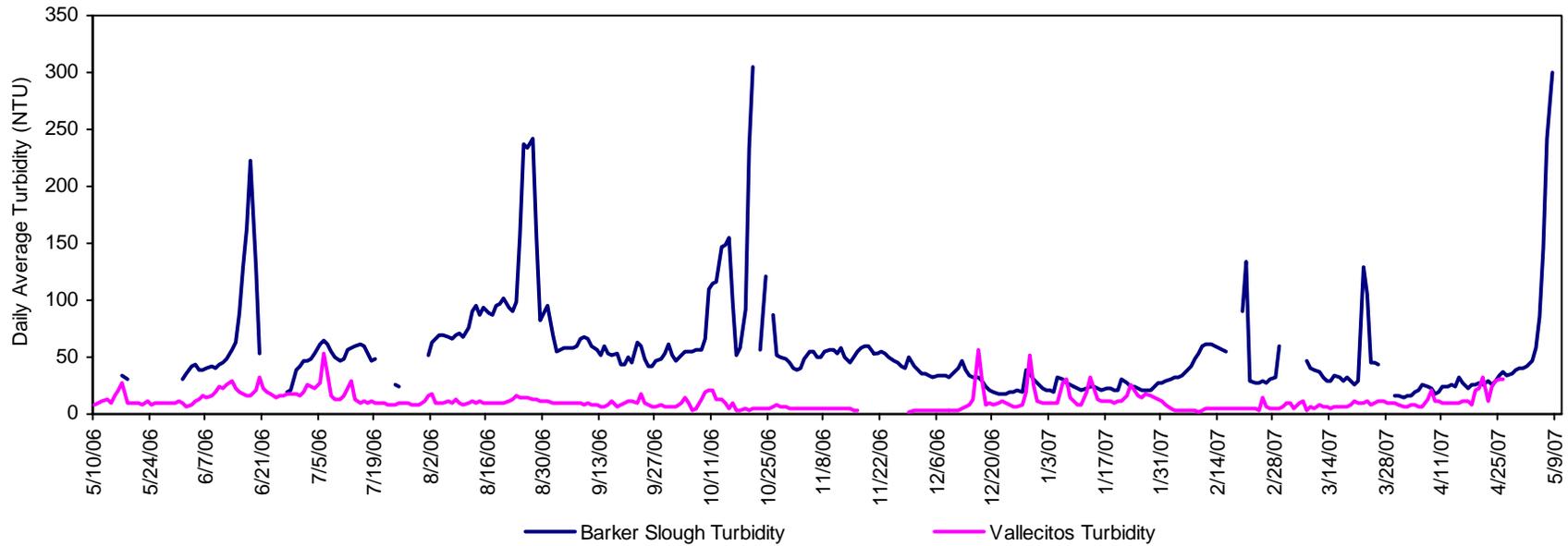
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

