

SWP Water Quality Summary

March 8 to April 11, 2007

Total Dissolved Solids: This month's data show TDS decreasing at all stations except at Barker Slough and they ranged from 175 to 271 mg/L. TDS at all locations remained below Article 19 Monthly Average Objective of 440 mg/L. The highest concentration of 271 mg/L occurred at Devil Canyon while the lowest concentration of 175 mg/L occurred at Banks Pumping Plant (BPP) on April 11, 2007. Concentrations at BPP decreased from 223 to 175 mg/L this month.

Bromide: Concentrations exceeded the CBDA Objective of 0.05 mg/L at all locations and they ranged from 0.11 to 0.22 mg/L. BPP had the lowest concentration of 0.11 mg/L, followed by Checks 29 and 41 each with 0.16 mg/L while the highest concentration of 0.22 mg/L occurred at Devil Canyon. The concentration at BPP decreased from 0.16 to 0.11 mg/L as of April 11, 2007.

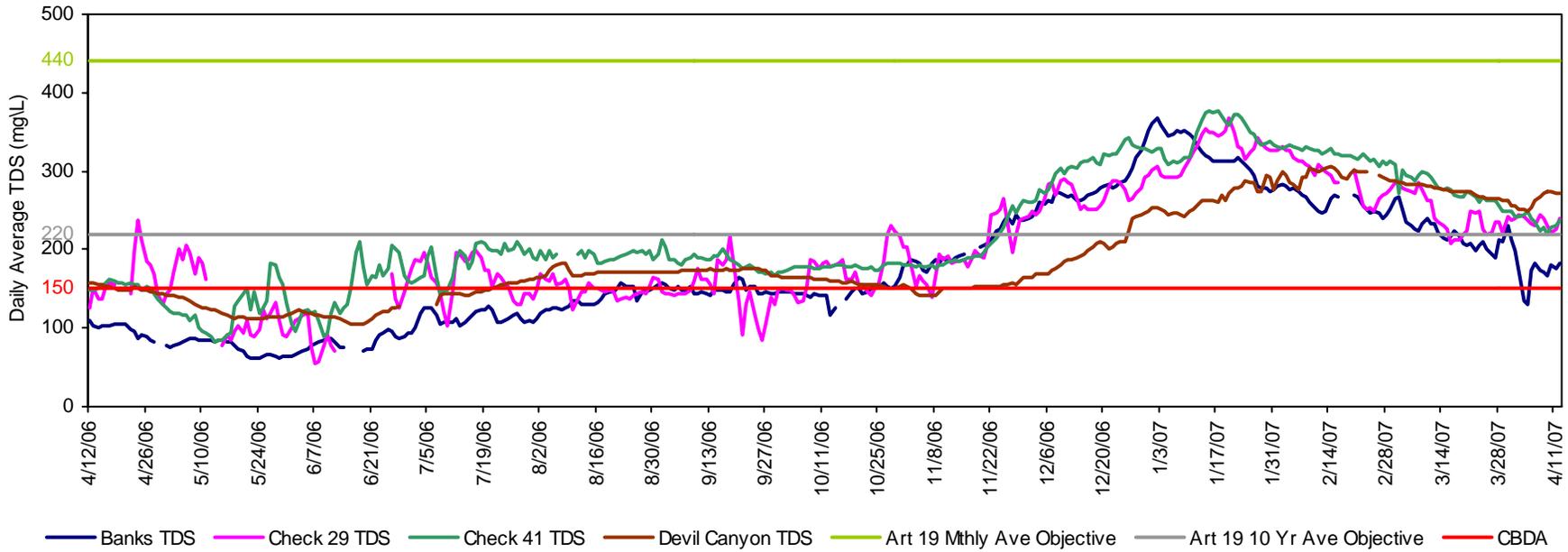
Turbidity: Turbidity levels this month ranged from 2 to 24 NTU. The greatest decrease of 22 NTU occurred at Barker Slough on April 11, 2007. Turbidity at BPP and Barker Slough rose to 37 and 129 NTU on April 7 and March 22 but later leveled off and ended at 6 and 24 NTU, respectively on April 11, 2007.

Dissolved Organic Carbon: Concentrations at all locations were slight above the CALFED TOC Objective of 3.0 mg/L. Concentrations at BPP, Check 13 and Edmonston decreased from 5.2 to 3.4, 4.3 to 3.4 mg/L and 4.7 to 3.3 mg/L, respectively, this month.

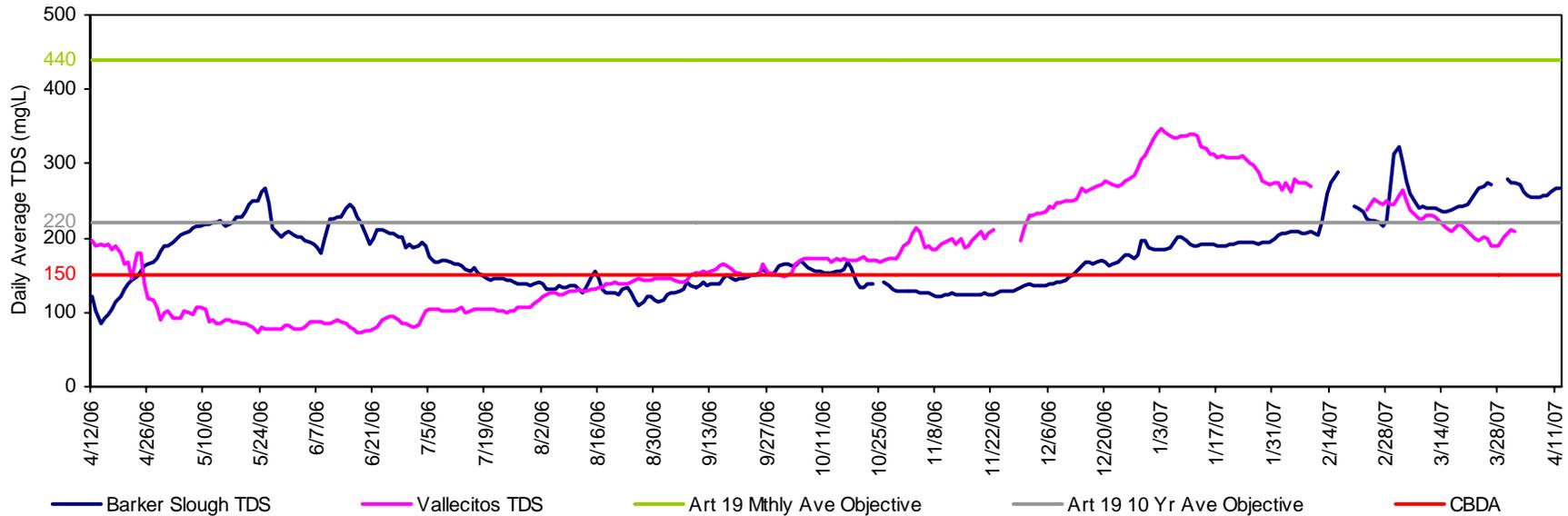
Taste and Odor Compounds: MIB and geosmin concentrations have remained low the past four weeks project wide. MIB was undetected at Del Valle Check and Clifton Court Inlet while geosmin values were 4 ng/L at both locations on March 8, 2007.

***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.

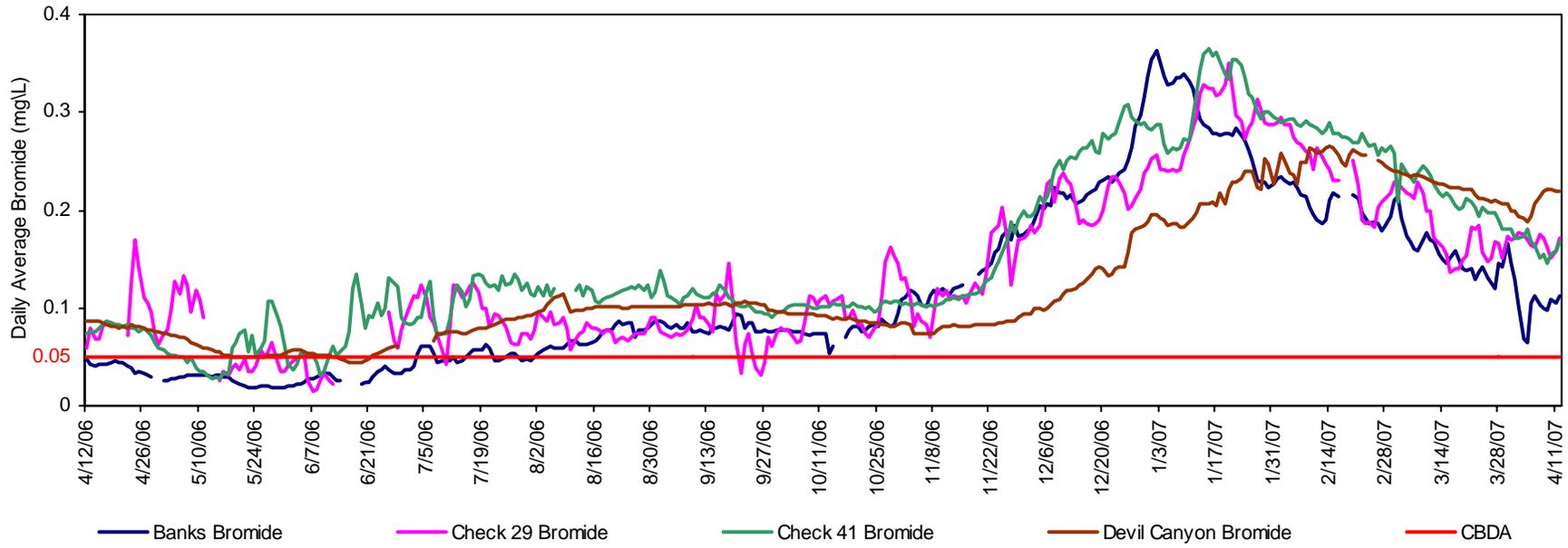
California Aqueduct - Calculated Total Dissolved Solids



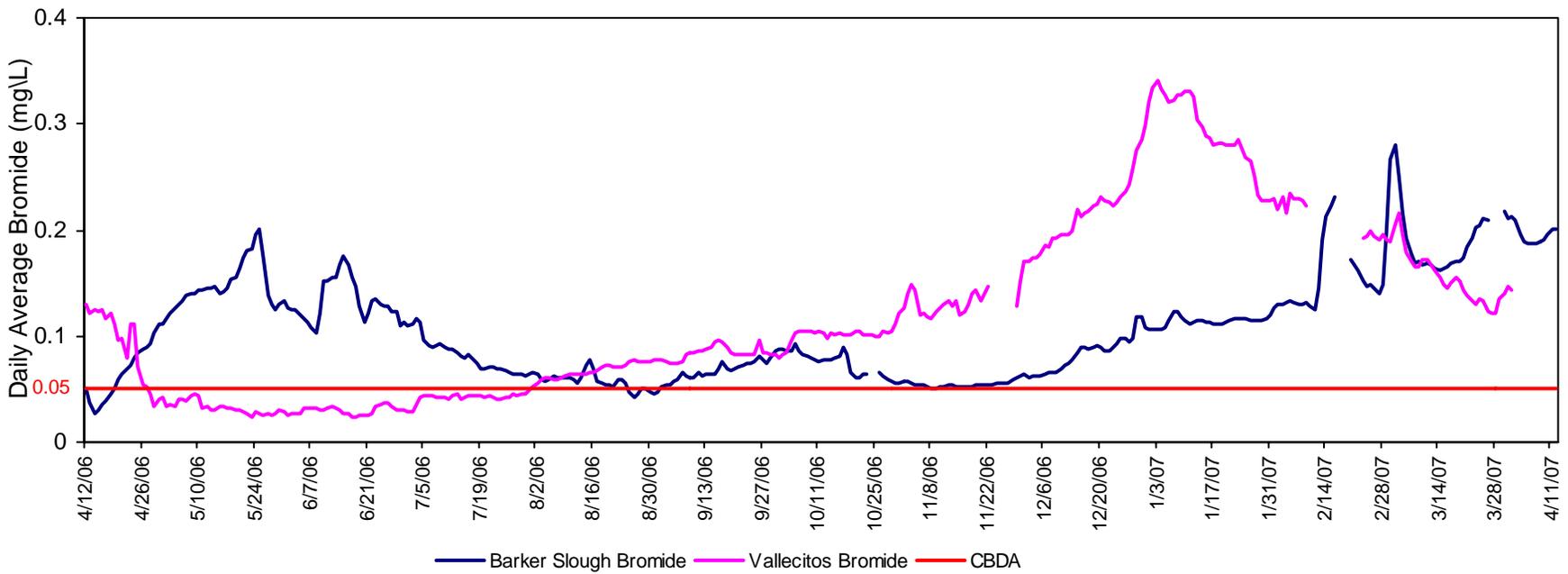
North and South Bay Aqueduct - Calculated Total Dissolved Solids



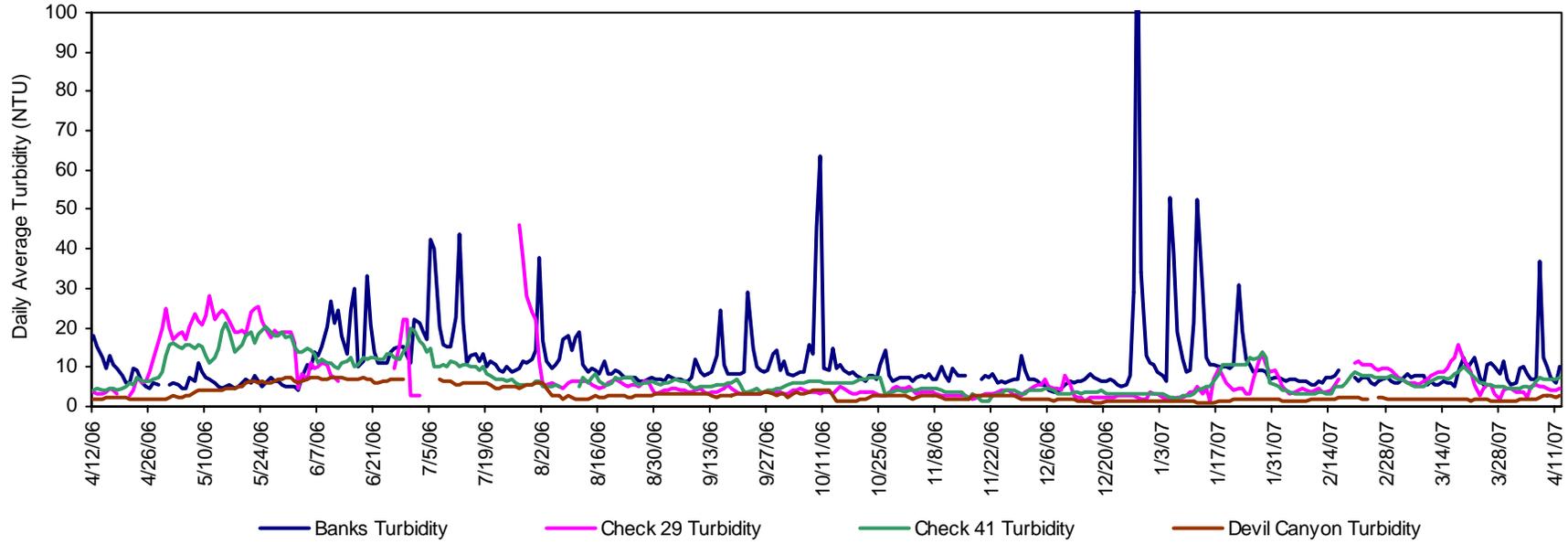
California Aqueduct - Calculated Bromide



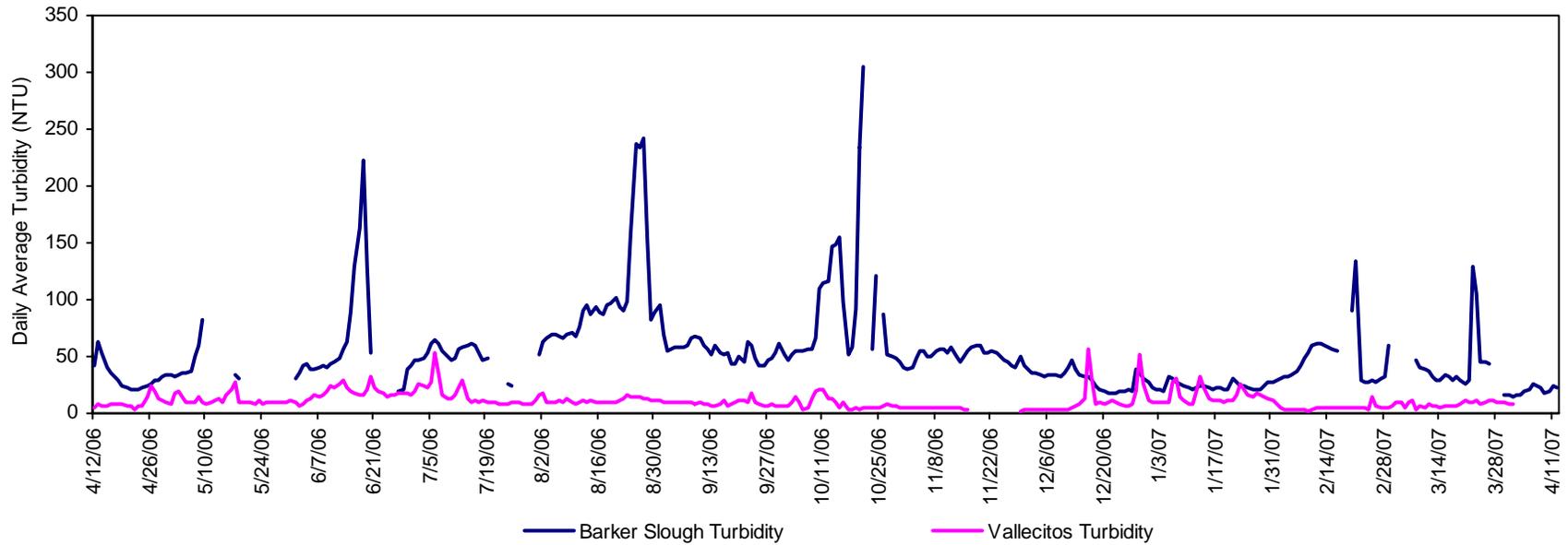
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

