

SWP Water Quality Summary

February 17, 2005

Total Dissolved Solids: TDS from Banks Pumping Plant (BPP), Devil Canyon, Barker Slough and Vallecitos increased from mid January to the second week of February, while Checks 29 and 41 decreased. On reaching the concentrations of 397 and 396 mg/l, Checks 29 and 41 declined to 277 and 271 mg/l. TDS at BPP, Devil Canyon, Barker Slough and Vallecitos increased substantially, from January 20 to February 8, 2005. However, TDS at all locations remain below Article 19 Monthly Average Objective.

Bromide: Concentrations at BPP, Devil Canyon, Barker Slough and Vallecitos increased slightly starting from January 20, 2005 through February 8, 2005. On the first week of February 2005, bromide concentrations at Banks Pumping Plant peaked to 0.28 mg/l and have since dropped to 0.20 mg/l on February 8, 2005. The highest concentration of 0.41 mg/l occurred at Check 29 while Barker Slough had the lowest concentration of .06 mg/l.

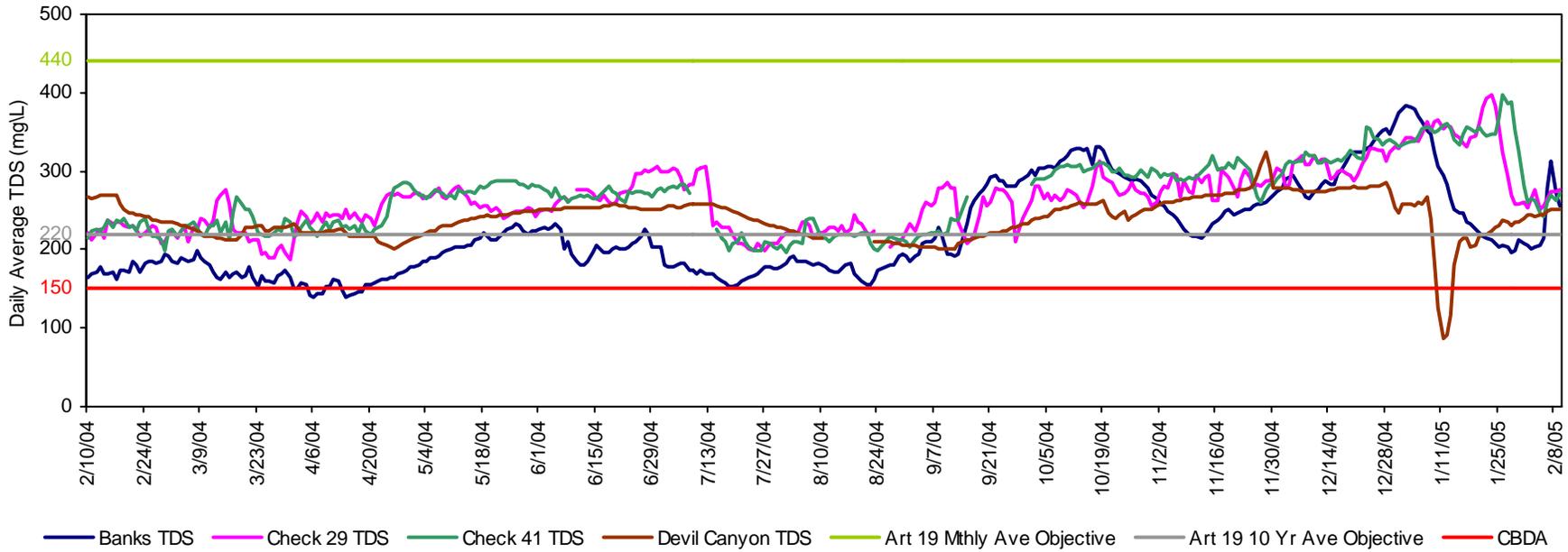
Turbidity: All locations decreased except Checks 29 and 41. Turbidity concentrations increased from 9 to 16 NTU and 6 to 21 NTU at Checks 29 and 41, respectively from January 20 to February 8, 2005. The greatest increase of 15 NTU occurred at Check 41.

Dissolved Organic Carbon: Concentration has remained above the CALFED TOC Objective since the second week of December 2004. The increase was more pronounced at Check 13, which peaked to 9 mg/l on January 23, 2005. However, concentrations have declined to 7.2 and 7.4 mg/l on February 8, 2005 at BPP and Check 13.

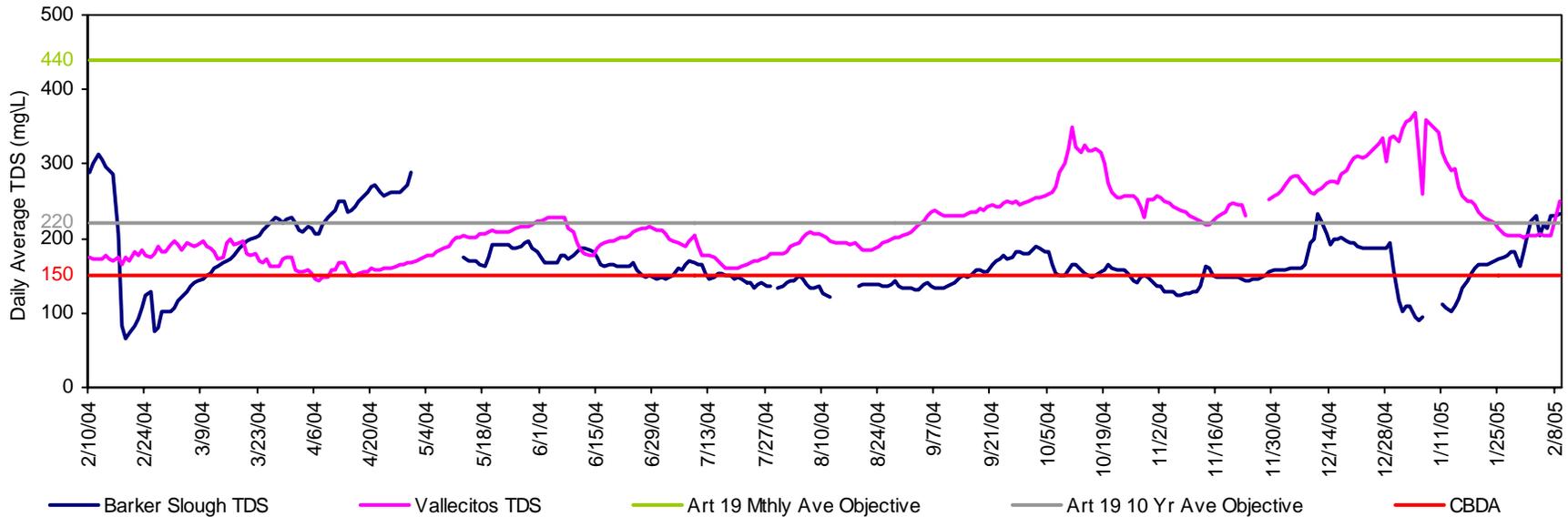
Taste and Odor: MIB and geosmin were low project wide and ranged from non-detect to 2 ng/l and 2 to 5 ng/l at Clifton Court, Banks Pumping Plant and Del Valle Check 7. Whereas, at Castaic Lake, Silverwood Lake, and Checks 13, 41 and 66 both MIB and geosmin ranged from non-detect to 3 ng/l.

Ground Water Pump-in: No ground water pump-in.

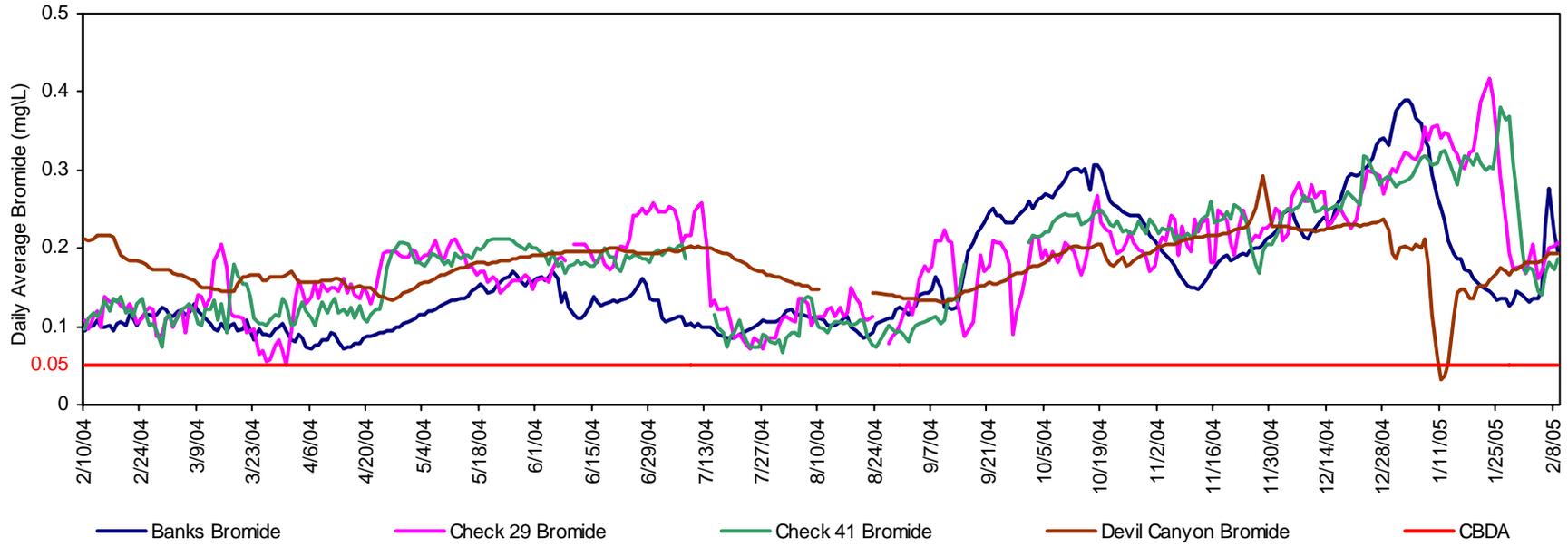
California Aqueduct - Calculated Total Dissolved Solids



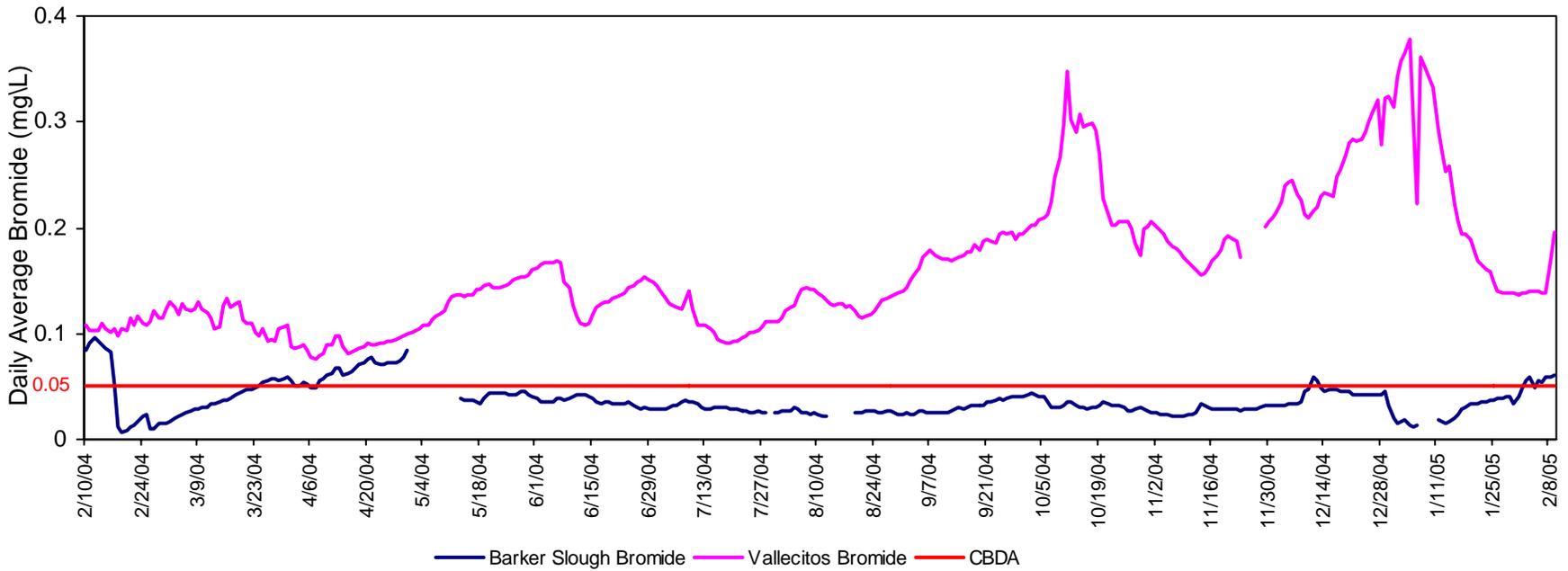
North and South Bay Aqueduct - Calculated Total Dissolved Solids



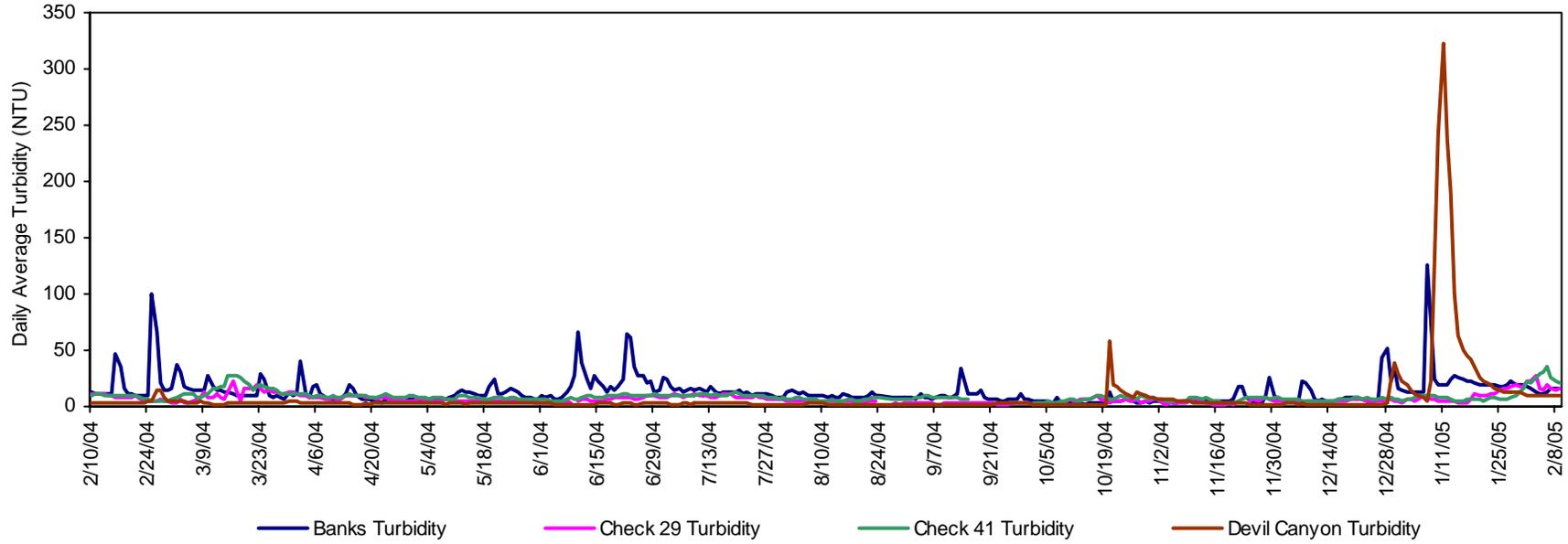
California Aqueduct - Calculated Bromide



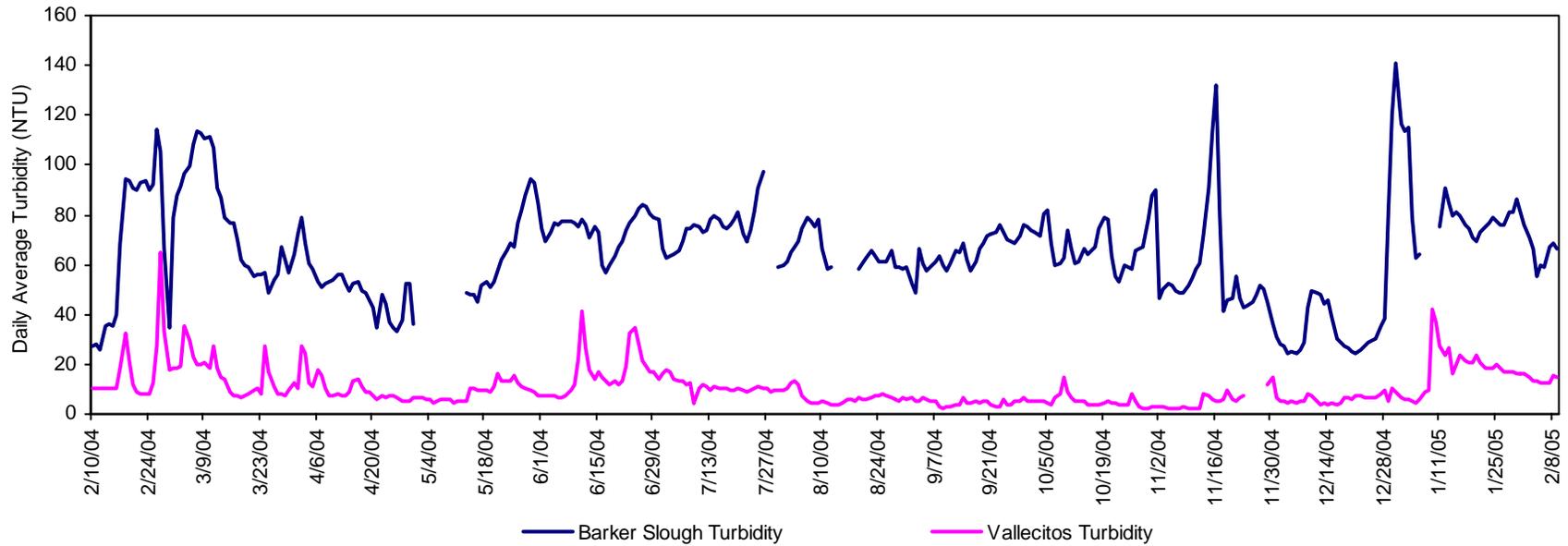
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

