

# SWP Water Quality Summary

June 7 to July 12, 2006

**Total Dissolved Solids:** This month's data show TDS increasing at all stations except at Barker Slough, which decreased from 187 to 165 mg/l. Never the less, TDS at all locations remained below Article 19 Monthly Average Objective of 440 mg/l. Concentrations increased by 43 mg/l on July 12 at Check 29. The peak TDS concentrations during this reporting period (June 7 to July 12) were 165 mg/l at Barker Slough and 197 mg/l at Check 41.

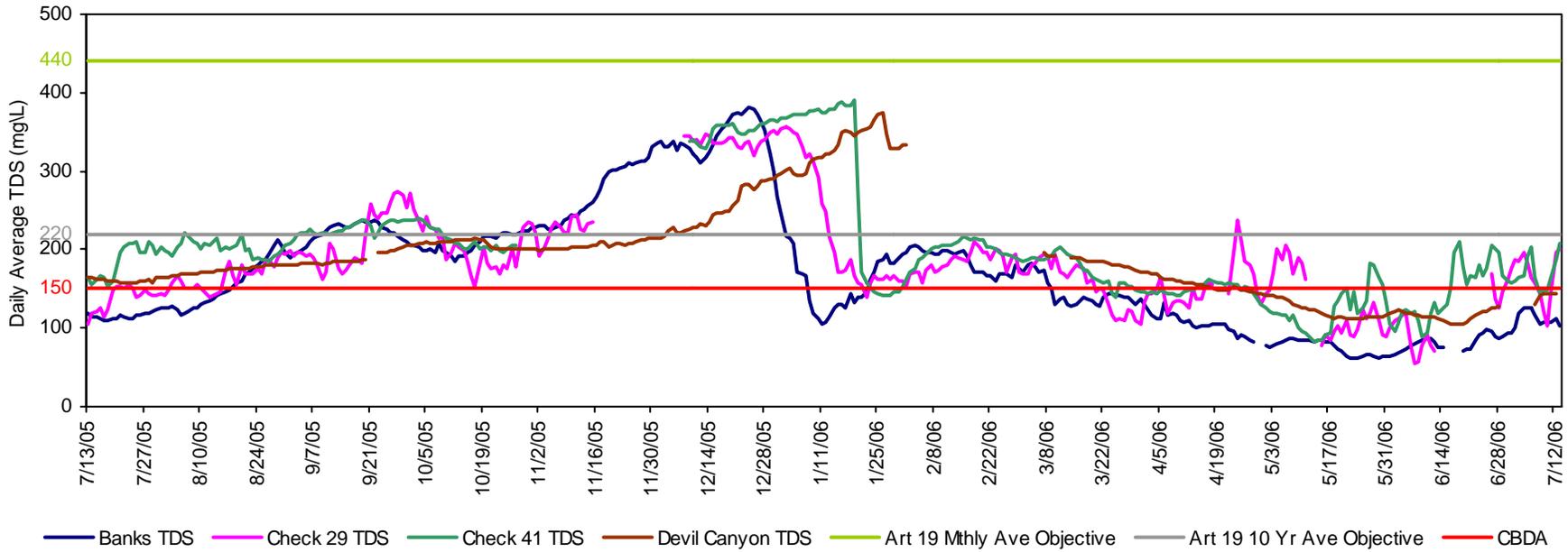
**Bromide:** Concentrations exceeded the CBDA Objective of 0.05 mg/l except at Banks Pumping Plant (BPP) and Vallecitos (0.05 and 0.04 mg/l). Concentrations ranged from 0.04 to 0.12 mg/l. BPP and Vallecitos had the lowest concentration (0.05 and 0.04 mg/l), followed by Devil Canyon and Barker Slough with 0.07 and 0.09 mg/l, respectively. The highest concentrations of 0.12 mg/l occurred at Check 29 on July 12, 2006.

**Turbidity:** Turbidity increased at BPP, Barker Slough and Vallecitos. The greatest increase of 31 and 20 NTU occurred at BPP <sup>44</sup><sub>10</sub>  and Barker Slough on July 12, 2006. The highest concentration of 60 NTU occurred at Barker Slough while the lowest of 5 NTU was at Devil Canyon.

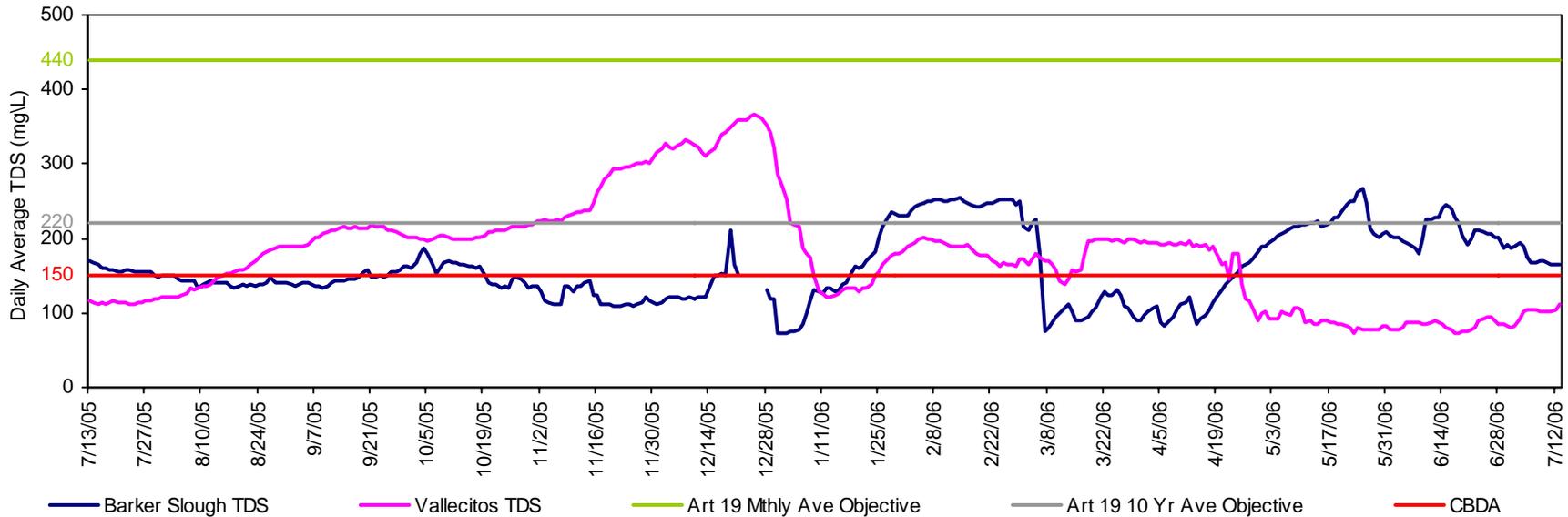
**Dissolved Organic Carbon:** Concentrations were below the CALFED TOC Objective of 3.0 mg/l on July 12, 2006 at BPP and Check 13. DOC at all locations increased and their current values ranged from 2.9 mg/l to 3.7 mg/l. The highest concentration of 3.7 mg/l occurred at Edmonston while the lowest of 2.9 mg/l was at BPP and Check 13, on July 12, 2006.

**Taste and Odor Compounds:** MIB and geosmin were low at Clifton Court Forebay Inlet and Outlet, BPP and Del Valle Check 7. MIB ranged from ND to 4 ng/l and geosmin from 5 to 6 ng/l, on July 5 2006.

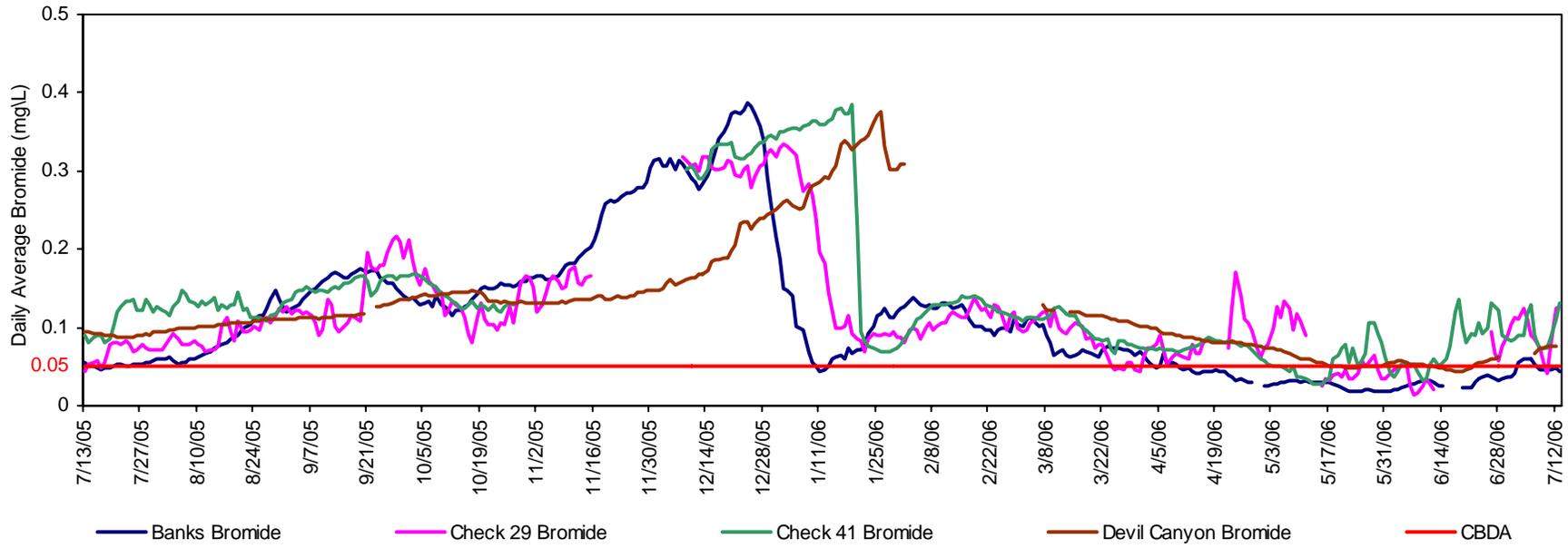
### California Aqueduct - Calculated Total Dissolved Solids



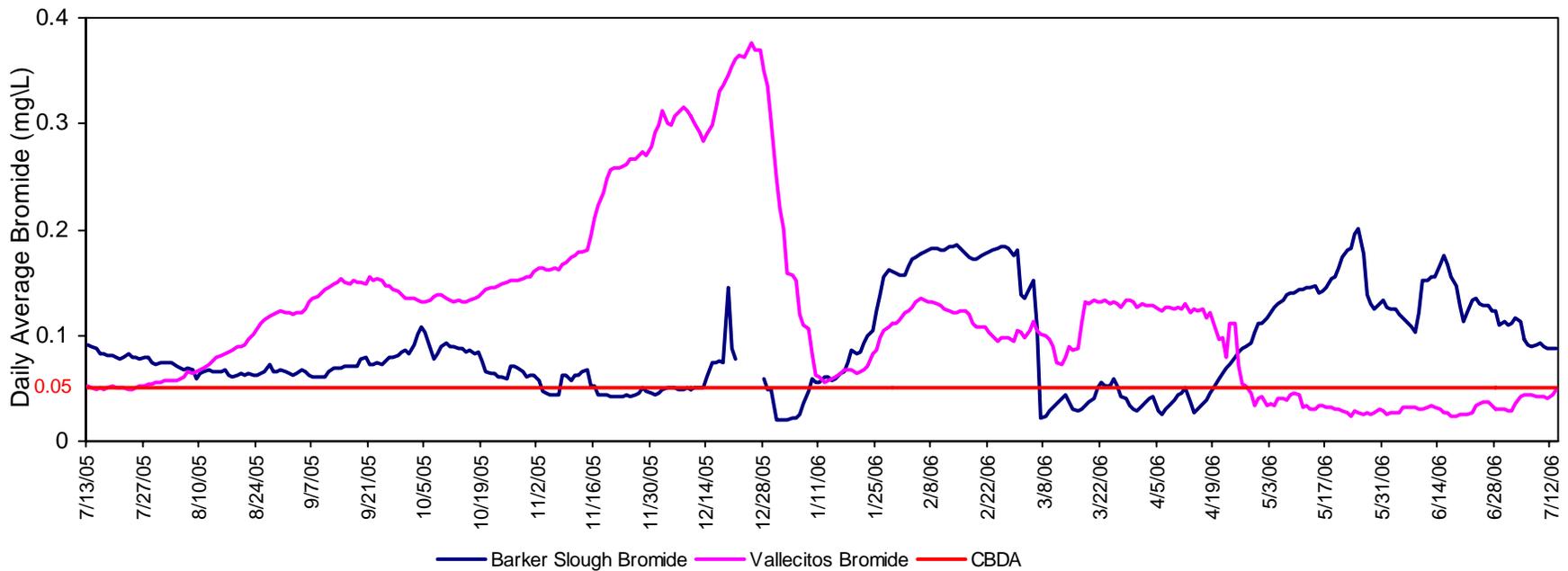
### North and South Bay Aqueduct - Calculated Total Dissolved Solids



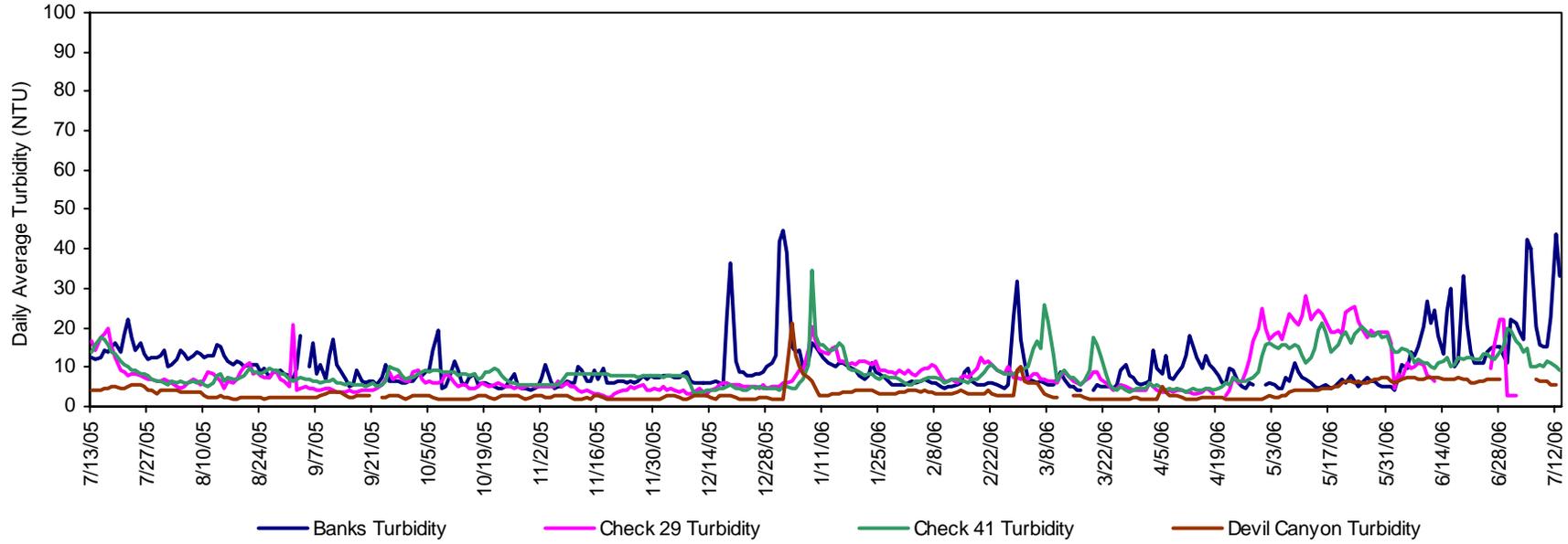
### California Aqueduct - Calculated Bromide



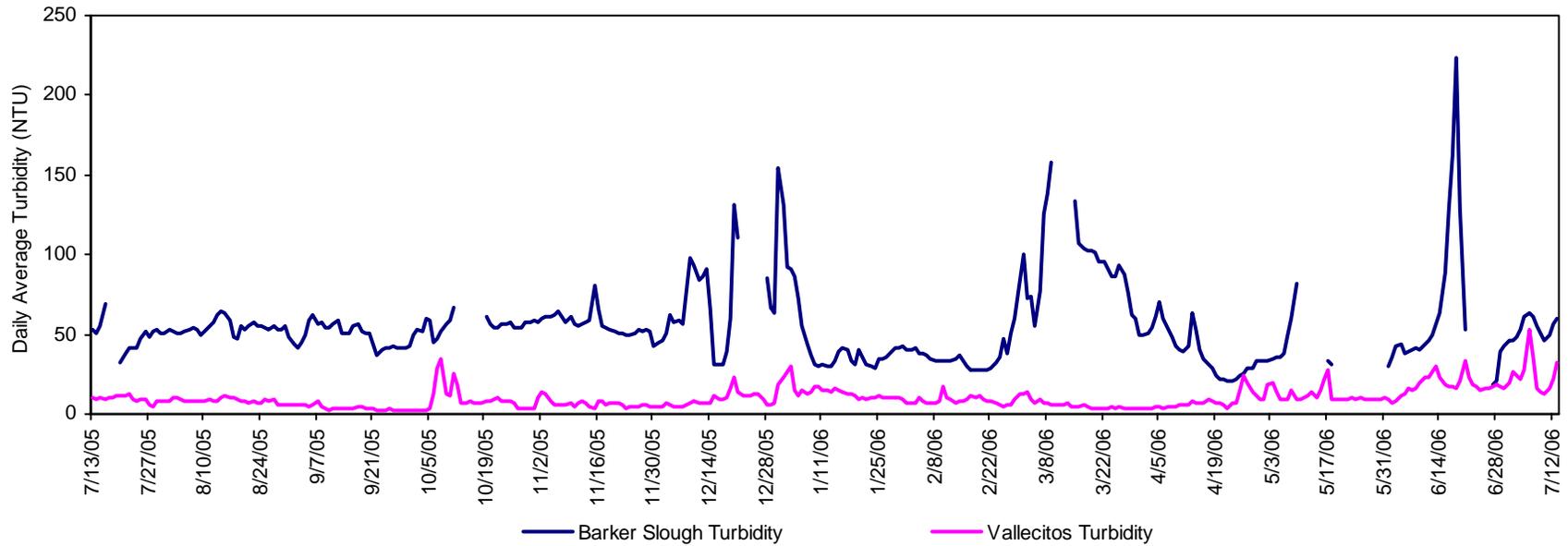
### North and South Bay Aqueduct - Calculated Bromide



### California Aqueduct - Turbidity



### North and South Bay Aqueduct - Turbidity



# California Aqueduct Calculated Dissolved Organic Carbon

