

# SWP Water Quality Summary

October 19 through November 18, 2006

**Total Dissolved Solids:** This month's data show TDS decreasing slightly at all stations except at Banks Pumping Plant (BPP), which increased from 141 to 187 mg/L. Nevertheless, TDS at all locations remained below Article 19 Monthly Average Objective of 440 mg/l. The highest concentration of 187 mg/l occurred at BPP, while Barker Slough had the lowest concentration at 122 mg/L.

**Bromide:** Concentrations exceeded the CBDA Objective of 0.05 mg/L at all locations except at Barker Slough and they ranged from 0.05 to 0.12 mg/L. BPP had the highest concentration of 0.12 mg/L while the lowest concentration of 0.05 mg/l occurred at Barker Slough on November 8, 2006.

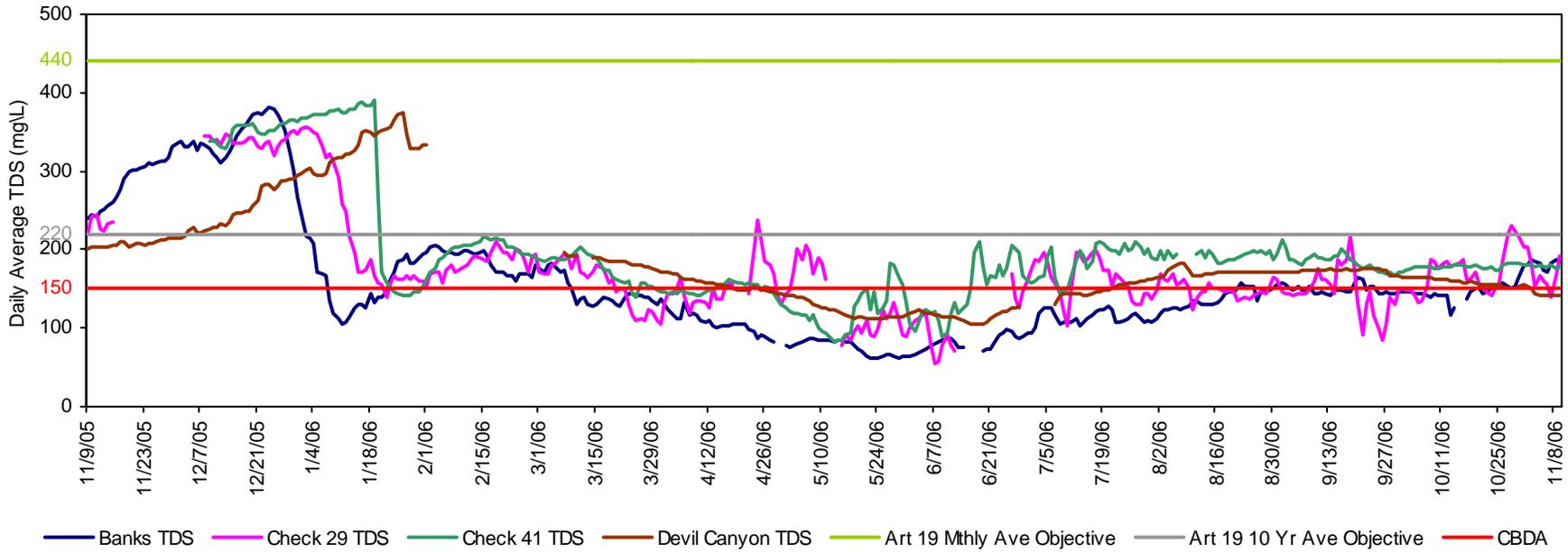
**Turbidity:** Turbidity decreased at all locations except at BPP, where turbidity increased from 0.07 to 0.12 NTU and at Check 29 which was unchanged. The greatest decrease of 60 NTU occurred at Barker Slough. The highest concentration of 55 NTU occurred at Barker Slough while the lowest of 3 NTU was at Check 29 and Devil Canyon. Concentration at Barker Slough on October 21, was 305 NTU compared to November 8, 2006 with 55 NTU.

**Dissolved Organic Carbon:** Concentrations were below the CALFED TOC Objective of 3.0 mg/l at all locations. The lowest concentrations of 1.9 mg/l occurred at BPP and Check 13. DOC remained at 2.5 mg/L at Edmonston.

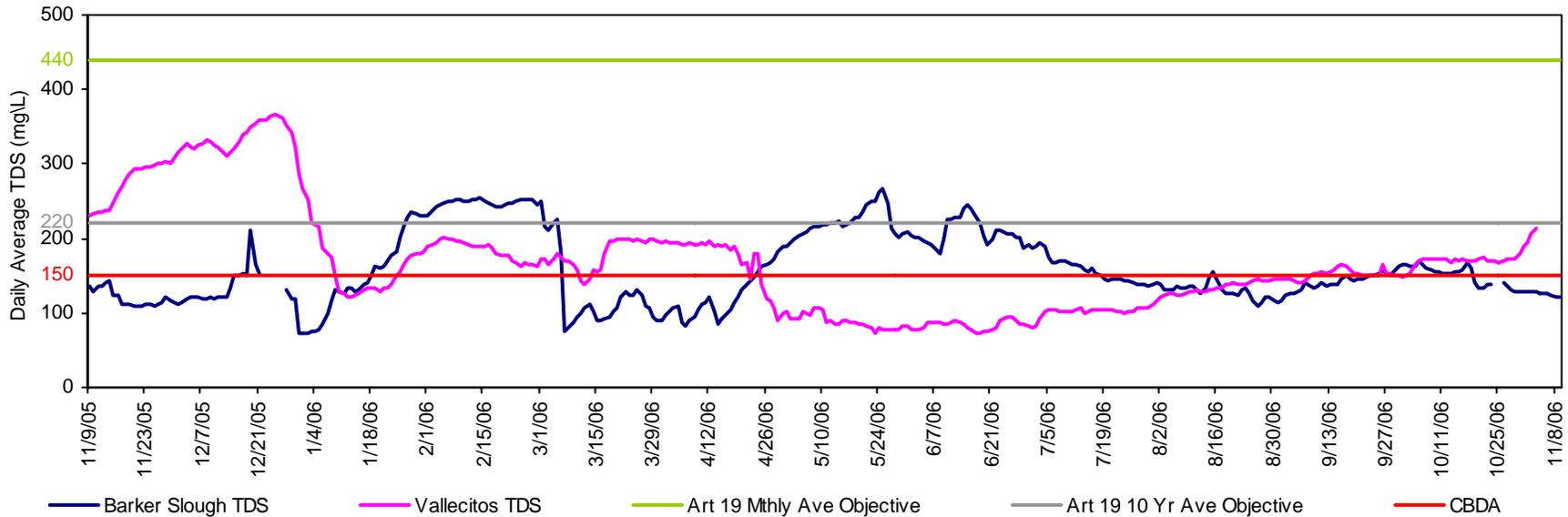
**Taste and Odor Compounds:** MIB and geosmin were generally moderate to low project wide, from July to present with values ranging from non-detect to 44 ng/L at Clifton Court Forebay, BPP, Del Valle Check 7, Check 13 and Silverwood Lake. The only exception was at Lake Perris, where MIB increased to 200 ng/L in early September and then decreased to 37 ng/L in November while geosmin remained at 2 ng/L.

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

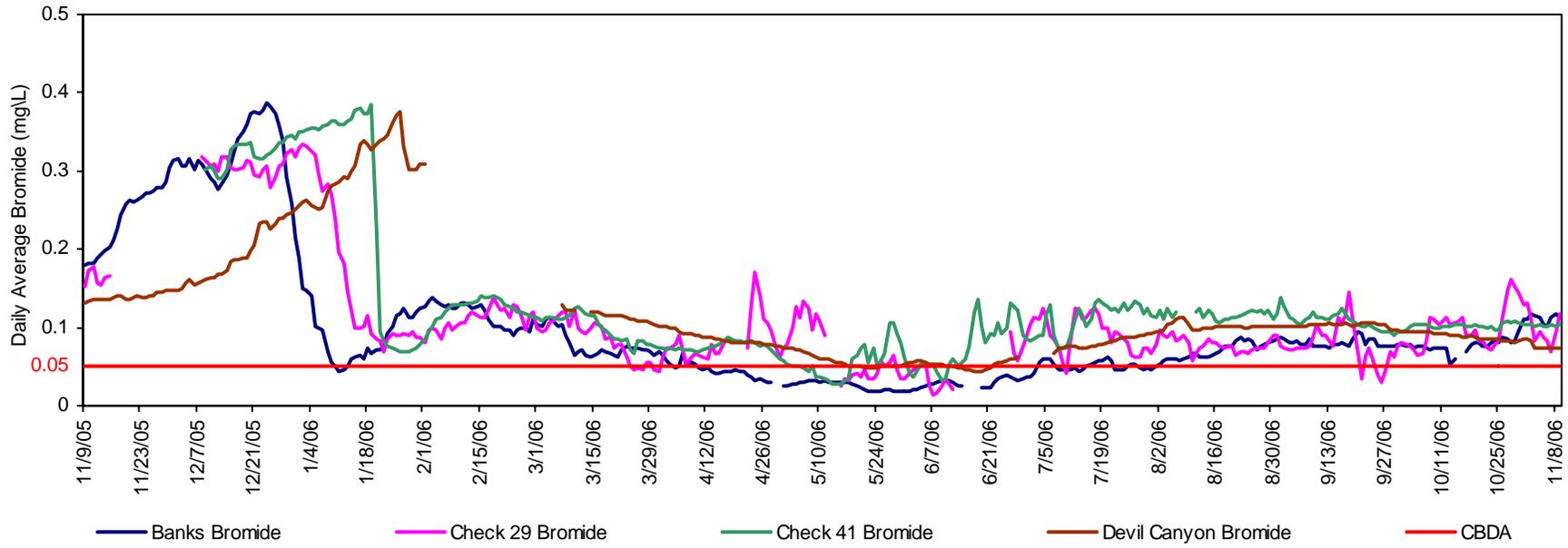
### California Aqueduct - Calculated Total Dissolved Solids



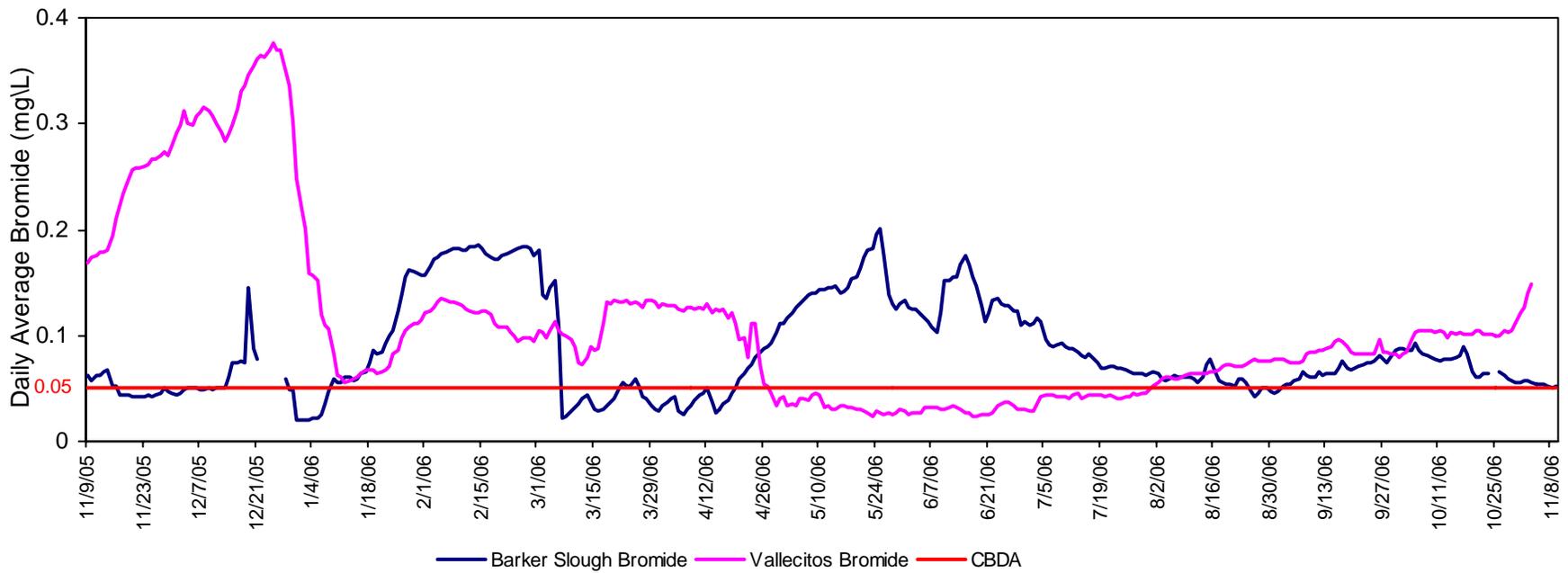
### North and South Bay Aqueduct - Calculated Total Dissolved Solids



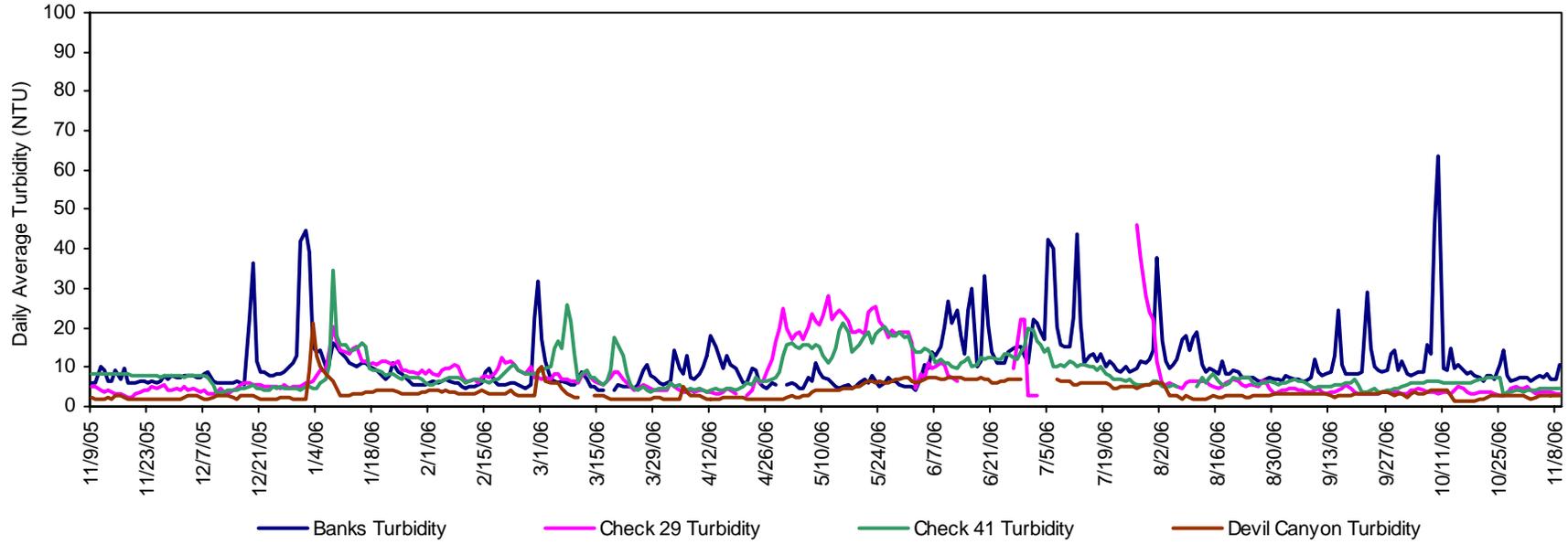
### California Aqueduct - Calculated Bromide



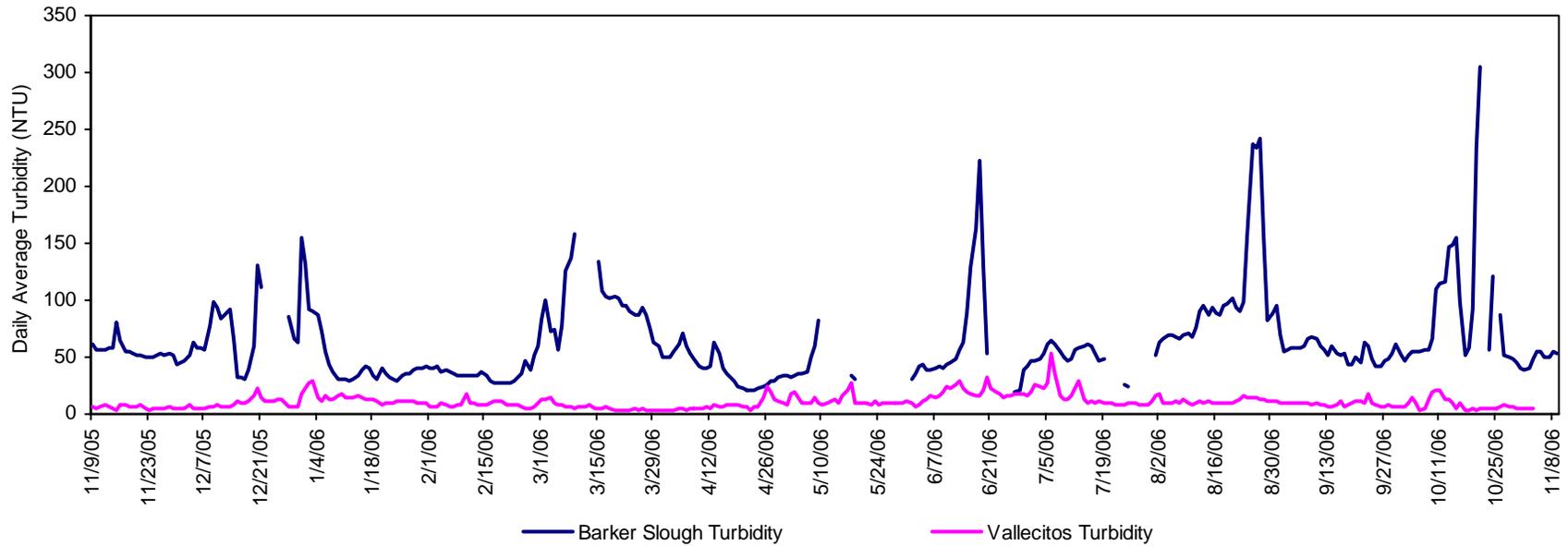
### North and South Bay Aqueduct - Calculated Bromide



### California Aqueduct - Turbidity



### North and South Bay Aqueduct - Turbidity



# California Aqueduct Calculated Dissolved Organic Carbon

