

# SWP Water Quality Summary

September 21 to October 19, 2006

**Total Dissolved Solids:** This month's data show TDS increasing slightly at all stations except at Banks Pumping Plant (BPP), Check 41 and Devil Canyon, which decreased from 148 to 142 mg/L, 191 to 177 mg/L and 174 to 173 mg/L. Nevertheless, TDS at all locations remained below Article 19 Monthly Average Objective of 440 mg/l. The highest concentration of 182 mg/l occurred at Check 29, while BPP had the lowest concentration at 142 mg/L.

**Bromide:** Concentrations exceeded the CBDA Objective of 0.05 mg/L at all locations and they ranged from 0.07 to 0.11 mg/L. BPP and Barker Slough had the lowest concentrations of 0.07 mg/L. The highest concentration of 0.11 mg/l occurred at Check 29 on October 12, 2006.

**Turbidity:** Turbidity increased at all locations except at BPP, which decreased from 13 to 9 NTU while Check 29 remained unchanged at 3 NTU. The greatest increase of 56 NTU occurred at Barker Slough, followed by Vallecitos with 14 NTU. The highest concentration of 115 NTU occurred at Barker Slough while the lowest of 3 NTU was at Check 29. Concentration at Barker Slough on October 12, nearly doubled to 115 NTU

115.2  
42.4

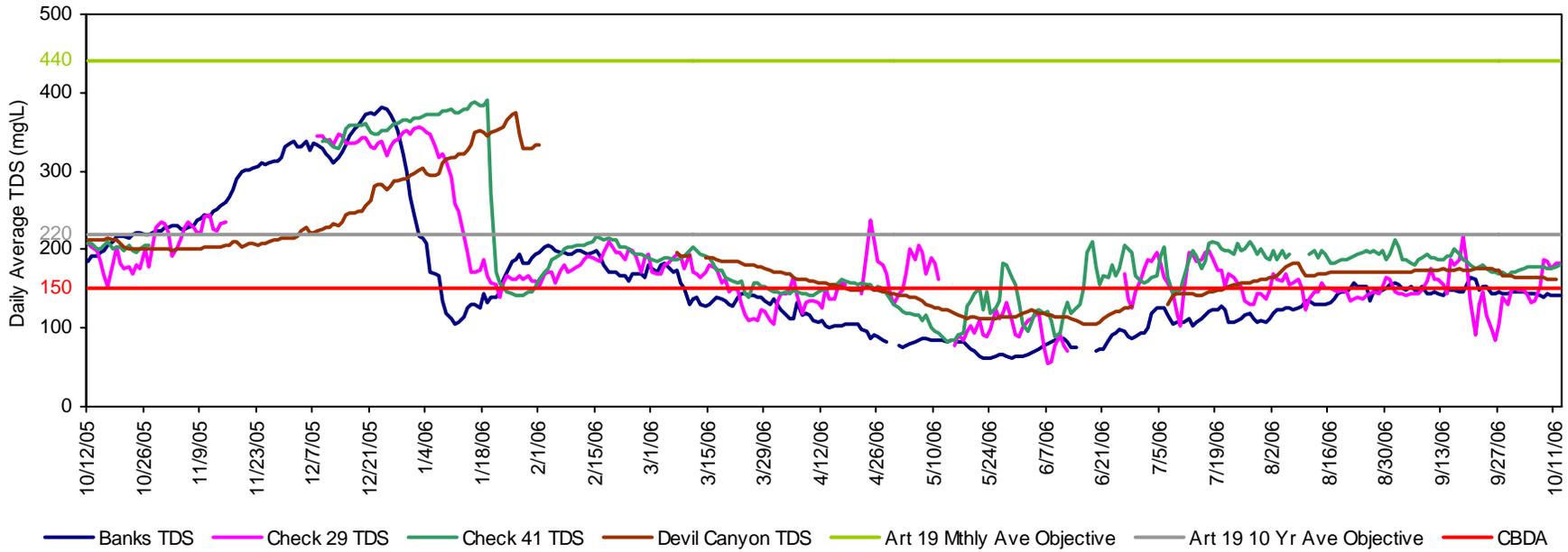


compared to last October 12 with 59 NTU.

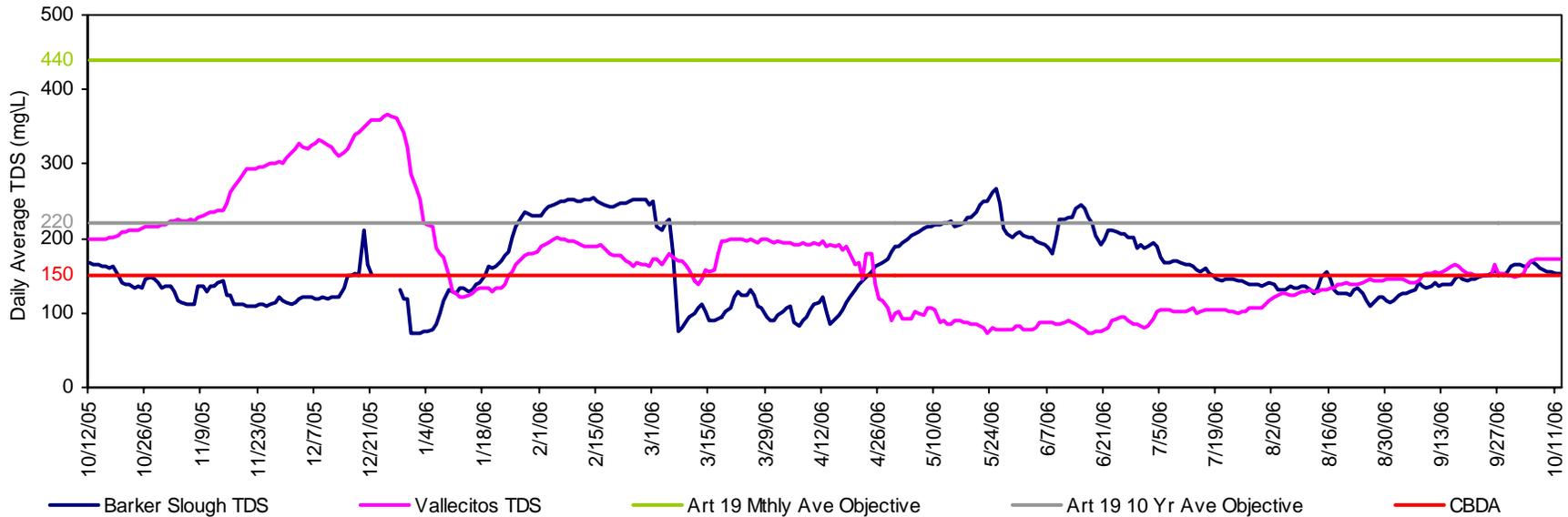
**Dissolved Organic Carbon:** Concentrations were below the CALFED TOC Objective of 3.0 mg/l at all locations. The lowest concentration of 1.7 mg/l occurred at Check 13 followed by BPP with 2.4 mg/l. DOC decreased from 2.6 to 2.5 mg/L at Edmonston.

**Taste and Odor Compounds:** MIB and geosmin concentrations ranged from 2 to 15 ng/l at Clifton Court inlet, BPP and Del Valle Check 7. MIB and geosmin were 2 and 6 ng/L at the Clifton Court Outlet and at BPP 3 ng/L and 6 ng/L. Neither MIB nor geosmin was detected at Del Valle Outlet on October 2, 2006.

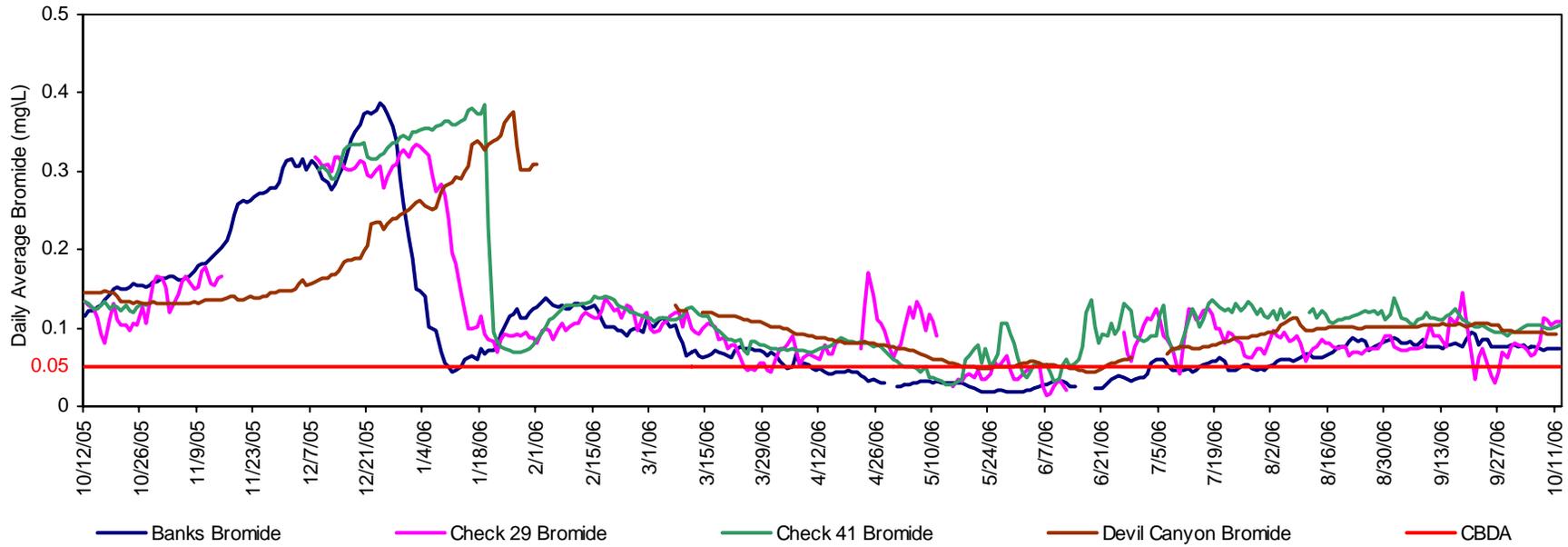
### California Aqueduct - Calculated Total Dissolved Solids



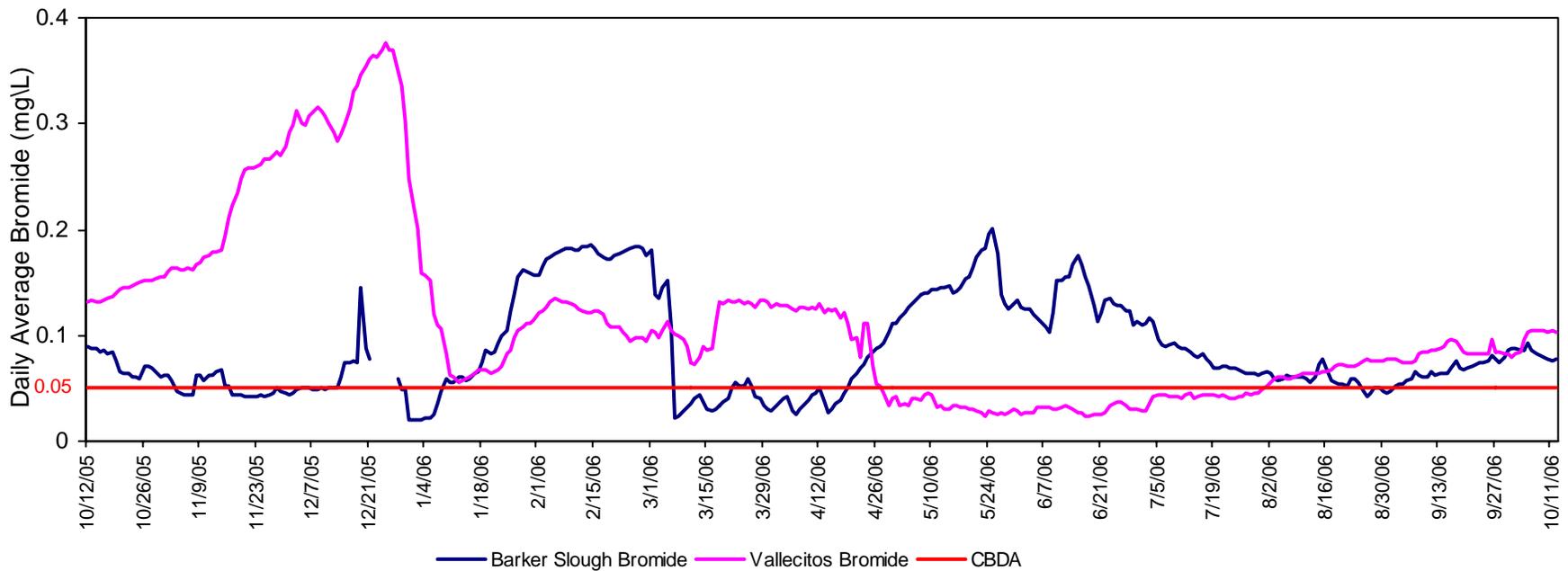
### North and South Bay Aqueduct - Calculated Total Dissolved Solids



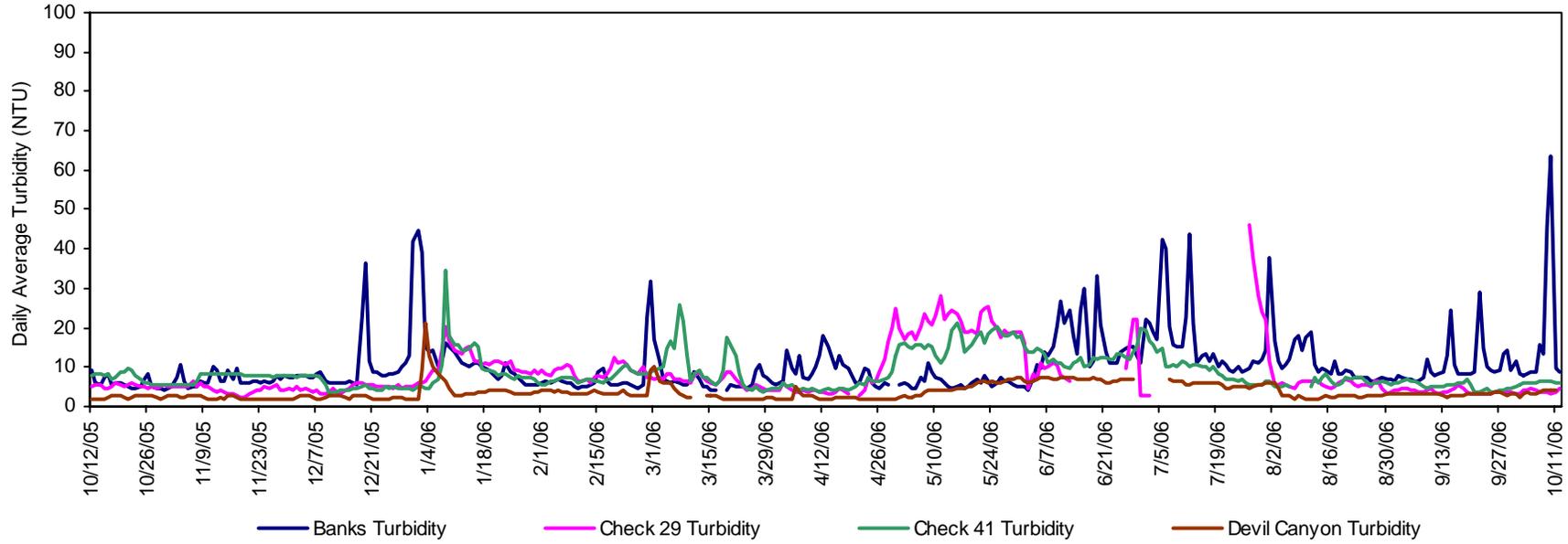
### California Aqueduct - Calculated Bromide



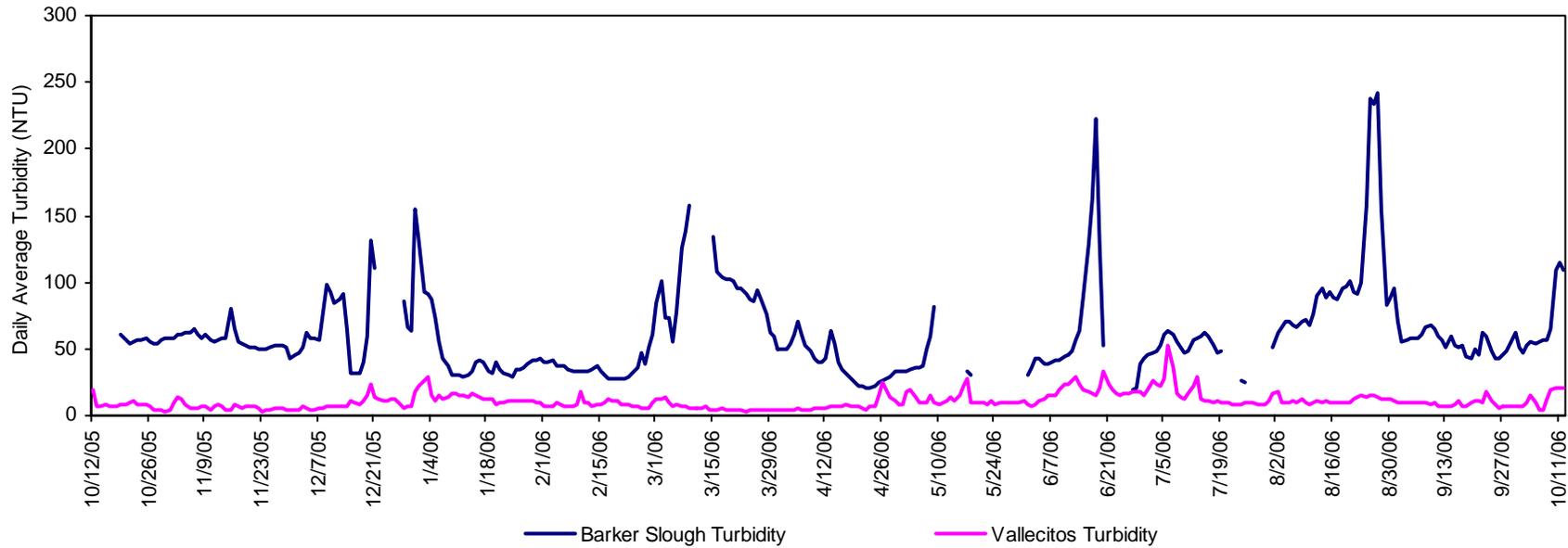
### North and South Bay Aqueduct - Calculated Bromide



### California Aqueduct - Turbidity



### North and South Bay Aqueduct - Turbidity



# California Aqueduct Calculated Dissolved Organic Carbon

