

SWP Water Quality Summary

November 18, 2004

Total Dissolved Solids: TDS at all locations remained above the Article 19 Ten Year Average Objective of 220 mg/l. TDS increased at all locations except at Check 29 and Vallecitos. The highest TDS concentration of 319 mg/l was recorded at Check 41 while the lowest of 150 mg/l was at Barker Slough, both on November 15, 2004.

Bromide concentrations: Bromide slightly increased throughout the SWP except at Check 29 on the California Aqueduct, where the concentrations decreased to 0.22 mg/l. The highest concentration of 0.26 mg/l occurred at Check 41 while Barker Slough had the lowest concentration of 0.03 mg/l, both on November 15, 2004.

Turbidity: Turbidity decreased to 3 and 5 NTU on November 15, 2004 at Check 29 and Check 41 while substantial increase from 58 to 112 NTU occurred at Barker Slough. Turbidity at Devil Canyon and Vallecitos increased slightly and at Banks Pumping Plant, the concentration remained unchanged from last week's 5 NTU.

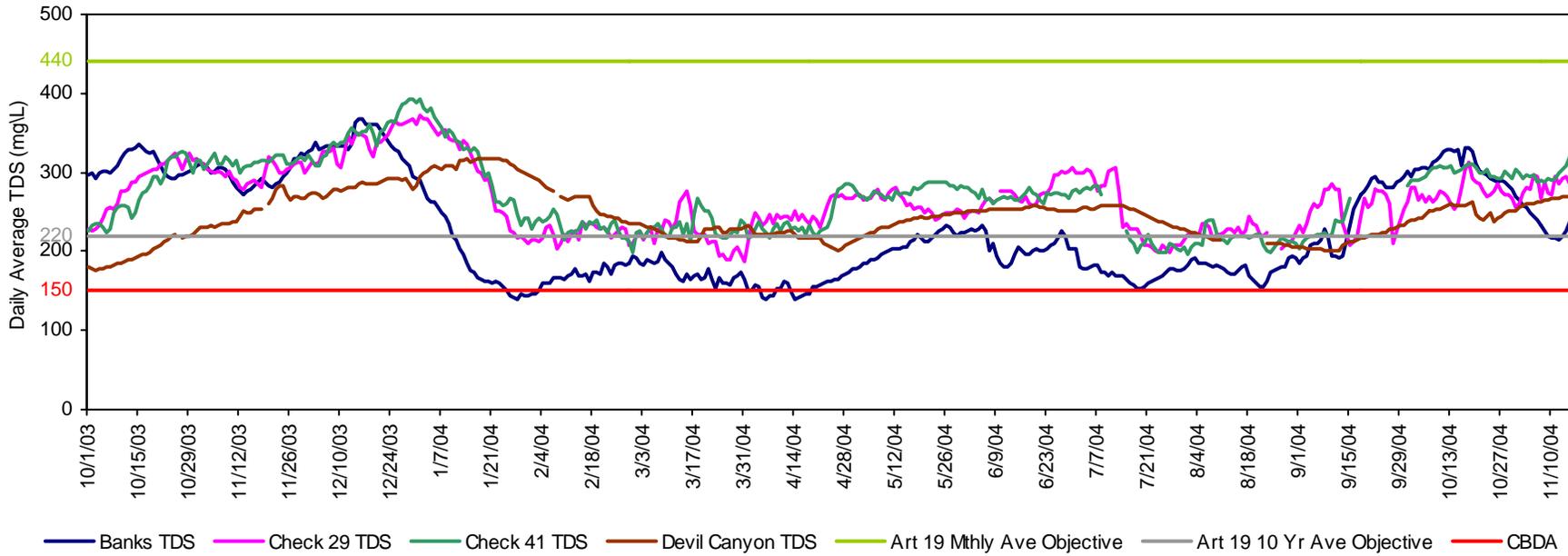
Dissolved Organic Carbon: DOC increased slightly at Banks Pumping Plant, Check 13 and Check 41. Banks Pumping Plant had the highest concentration of 4.1 mg/l on November 15, 2004 while the lowest concentration of 3.1 occurred at Check 41, a little above the CBDA of 3.0 mg/l.

Taste and Odor Compounds: Geosmin at the inlet to Clifton Court Forebay and Banks Pumping Plant increased to 6 and 7 ng/l, respectively. MIB was below 3 ng/l at Clifton Court Forebay, Banks Pumping Plant and Del Valle Check 7 while an increase to 10 ng/l was observed at Del Valle Reservoir. MIB at Silverwood Lake and the Aqueduct stations were below detection limit of 1 ng/l.

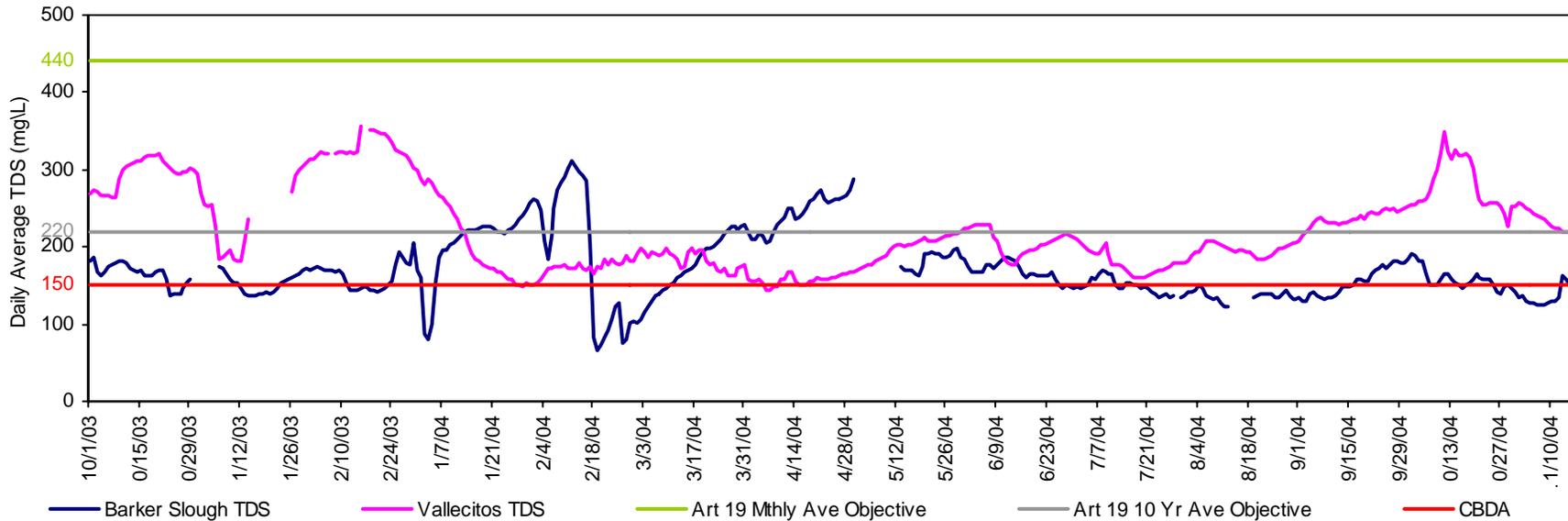
Ground Water Pump-in: Ground water pump-in from Kern Water Bank and Semitropic are being suspended this week.

For more information refer to: <http://www.womwg.water.ca.gov> and <http://www.dpla.ca.gov/supply/sampling/mwg/main.htm>

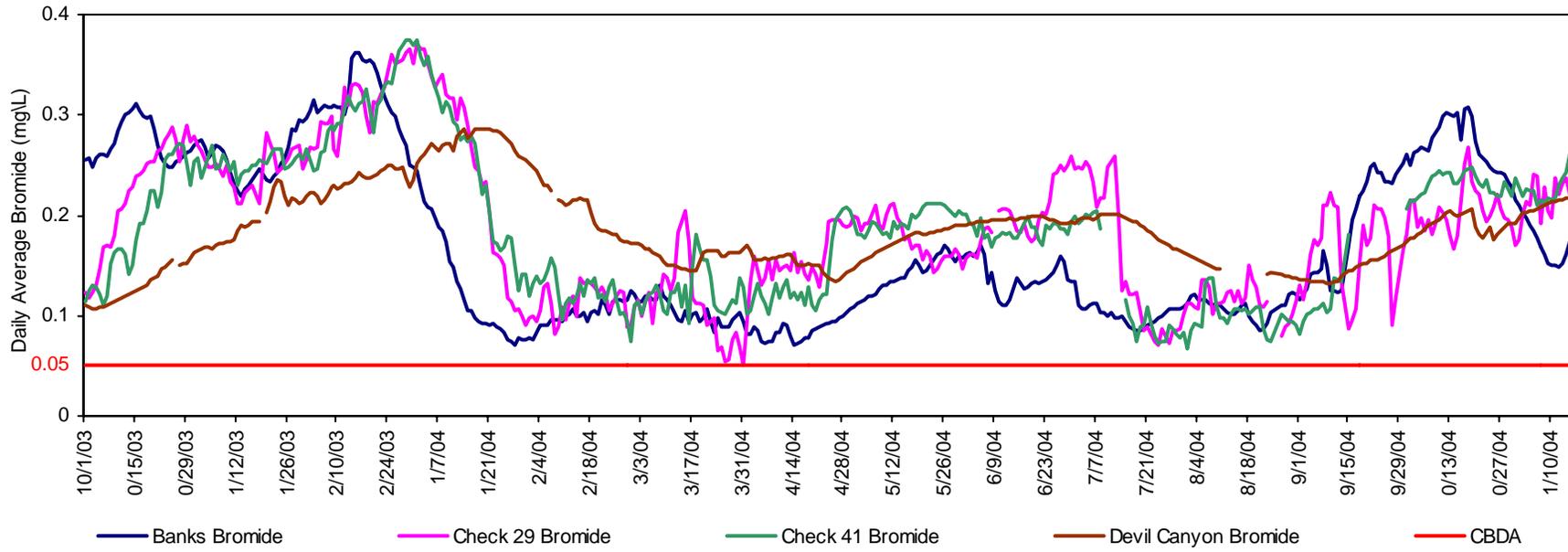
California Aqueduct - Calculated Total Dissolved Solids



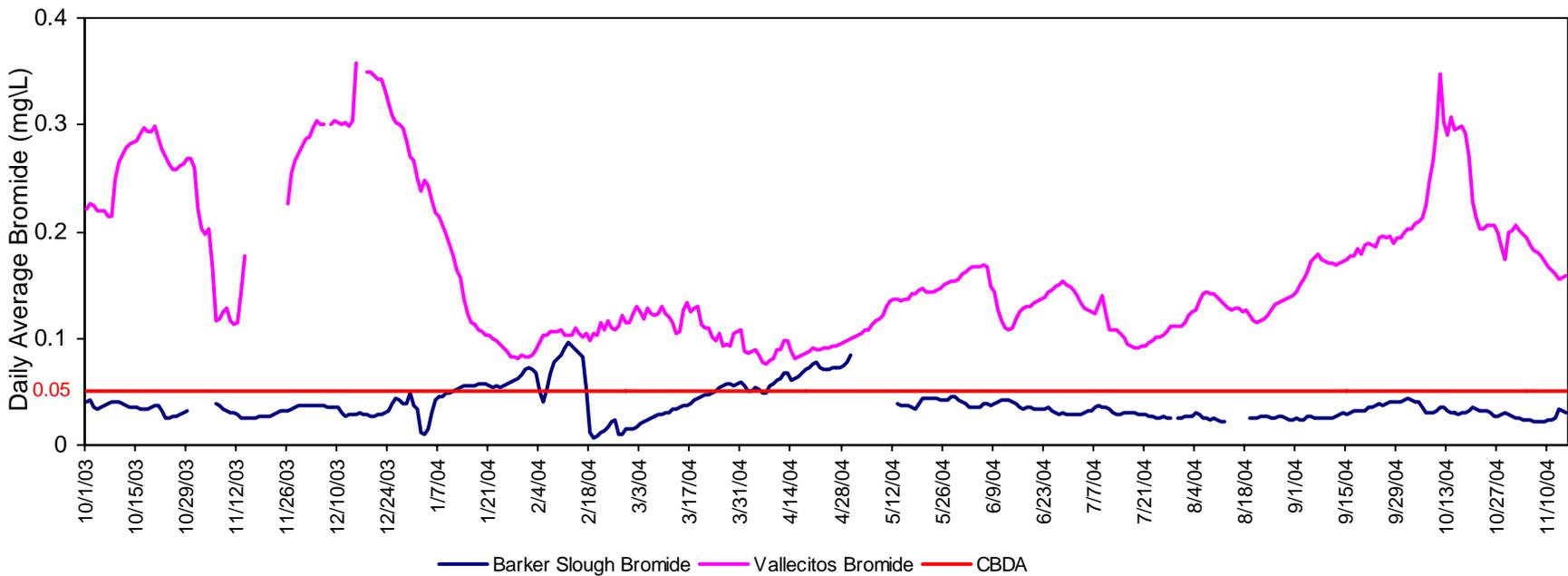
North and South Bay Aqueduct - Calculated Total Dissolved Solids



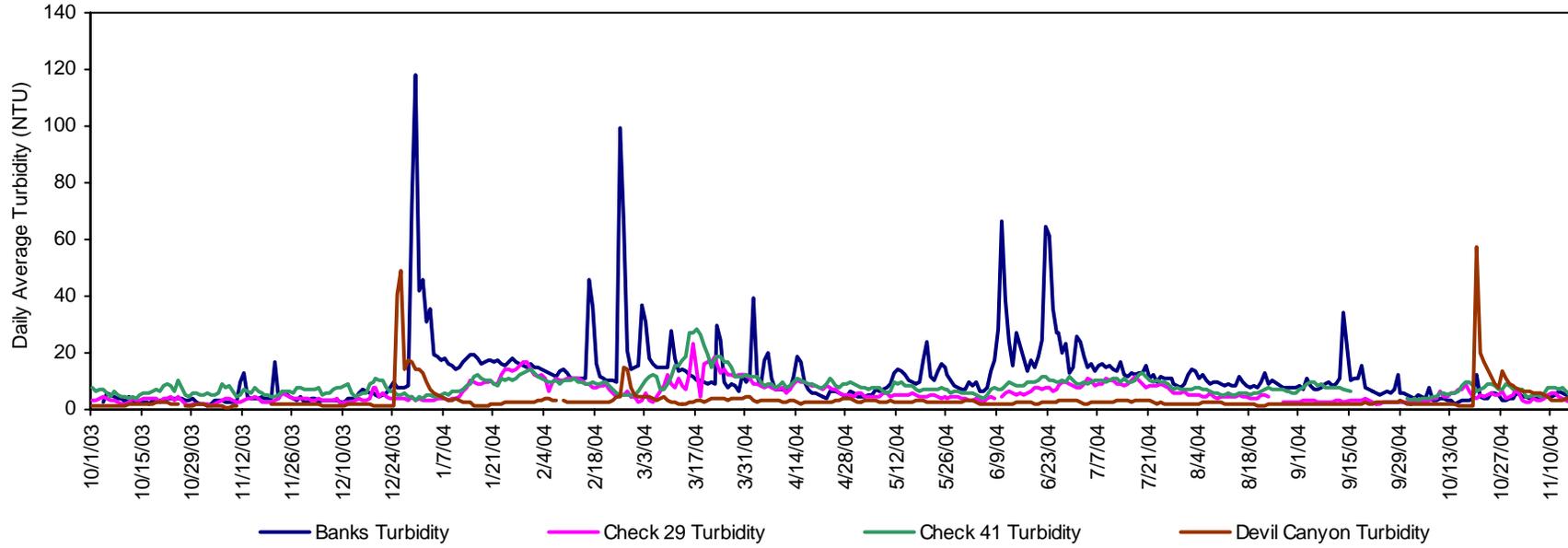
California Aqueduct - Calculated Bromide



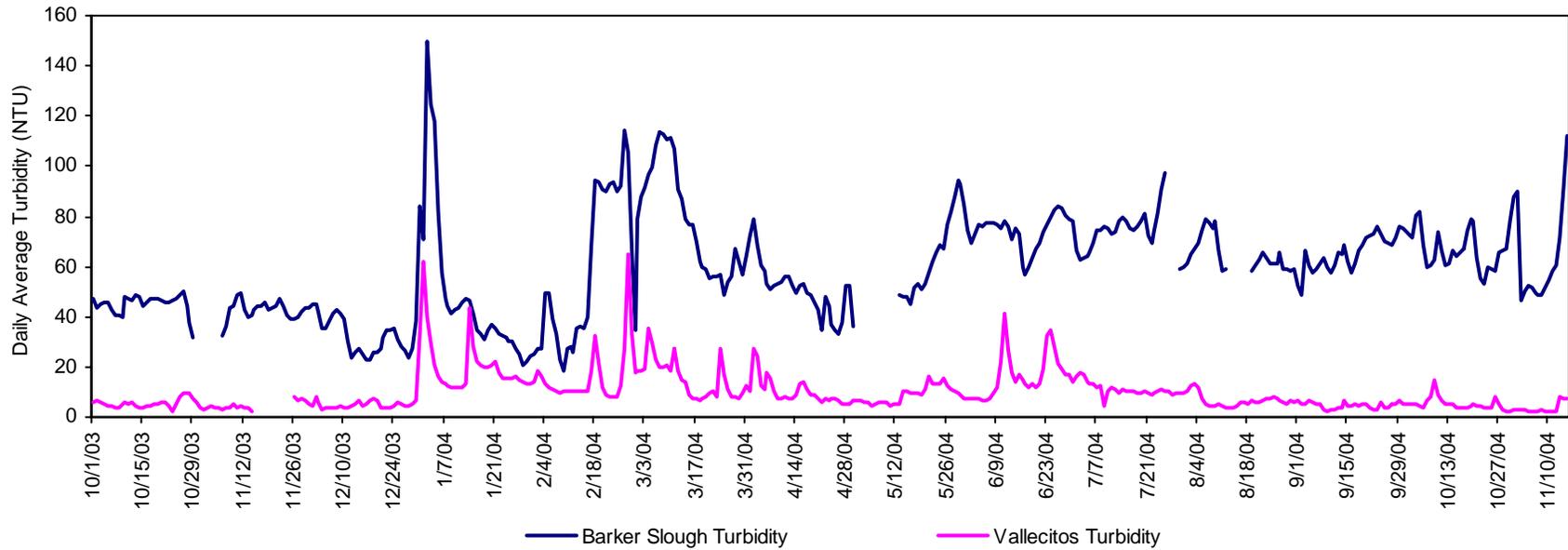
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

