SWP Water Quality Summary

October 10 to November 7, 2007

Total Dissolved Solids: This month's data show TDS increasing slightly at Banks Pumping Plant (BPP) and Vallecitos stations. Concentrations ranged from 124 to 294 mg/L. TDS at all locations remained below the Article 19 Monthly Average Objective of 440 mg/L. The highest concentration of 294 mg/L occurred at Check 41 while the lowest concentration of 124 mg/L occurred at Barker Slough on November 7, 2007. Concentrations increased slightly from 285 to 291 mg/L this month at BPP.

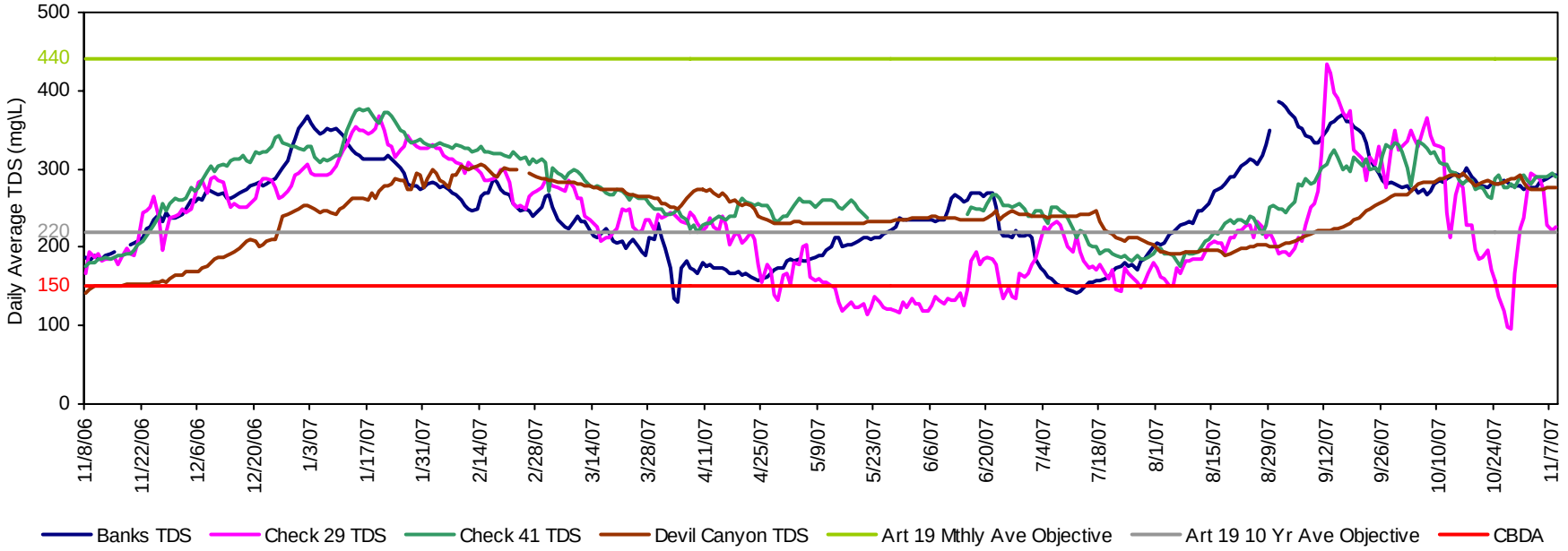
Bromide: Concentrations exceeded the CBDA Objective of 0.05 mg/L at all locations except at Barker Slough. Concentrations ranged from 0.05 to 0.25 mg/L. Barker Slough had the lowest concentration of 0.05 mg/L, followed by Check 29 with 0.15 mg/L while the highest concentration of 0.25 mg/L occurred at BPP. The concentration at BPP increased from 0.24 to 0.25 mg/L as of November 7, 2007.

Turbidity: Turbidity levels ranged from 2 to 49 NTU for the month of October 2007. Turbidity at Barker Slough increased from 35 NTU on October 10 to 49 NTU on November 7, 2007, the greatest increase this month. The lowest concentration of 2 NTU occurred at Check 29 and Devil Canyon on November 7, 2007. Turbidity at BPP decreased from 7 to 4 NTU this month.

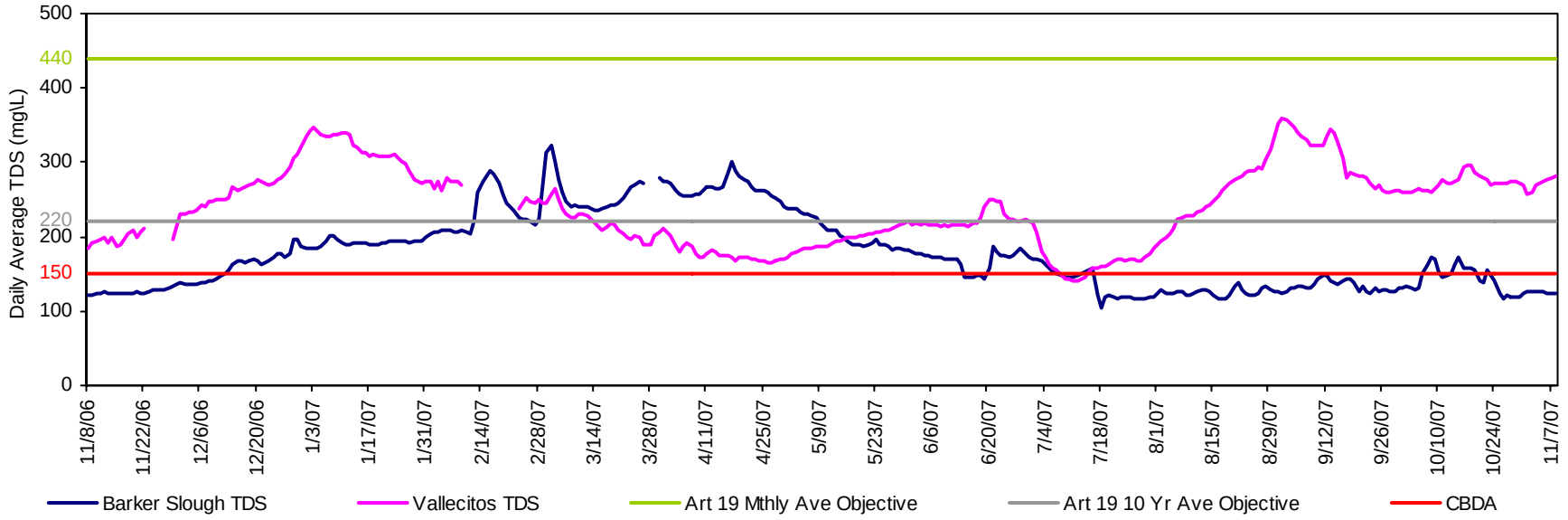
Dissolved Organic Carbon: Concentrations at BPP and Edmonston were below the CALFED TOC Objective of 3.0 mg/L. DOC at BPP increased from 1.9 to 2.2 mg/L while concentrations at Edmonston decreased slightly from 2.3 to 1.6 mg/L on November 7, 2007.

Taste and Odor Compounds: MIB and geosmin were generally low project wide, from October to present. Values at Clifton Court, BPP, ONeil Outlet, Del Valle Check 7, Check 41 and Pacheco Pumping Plant ranged from Non-detect to 8 ng/L. This month, MIB and geosmin were at their lowest concentrations since summer.

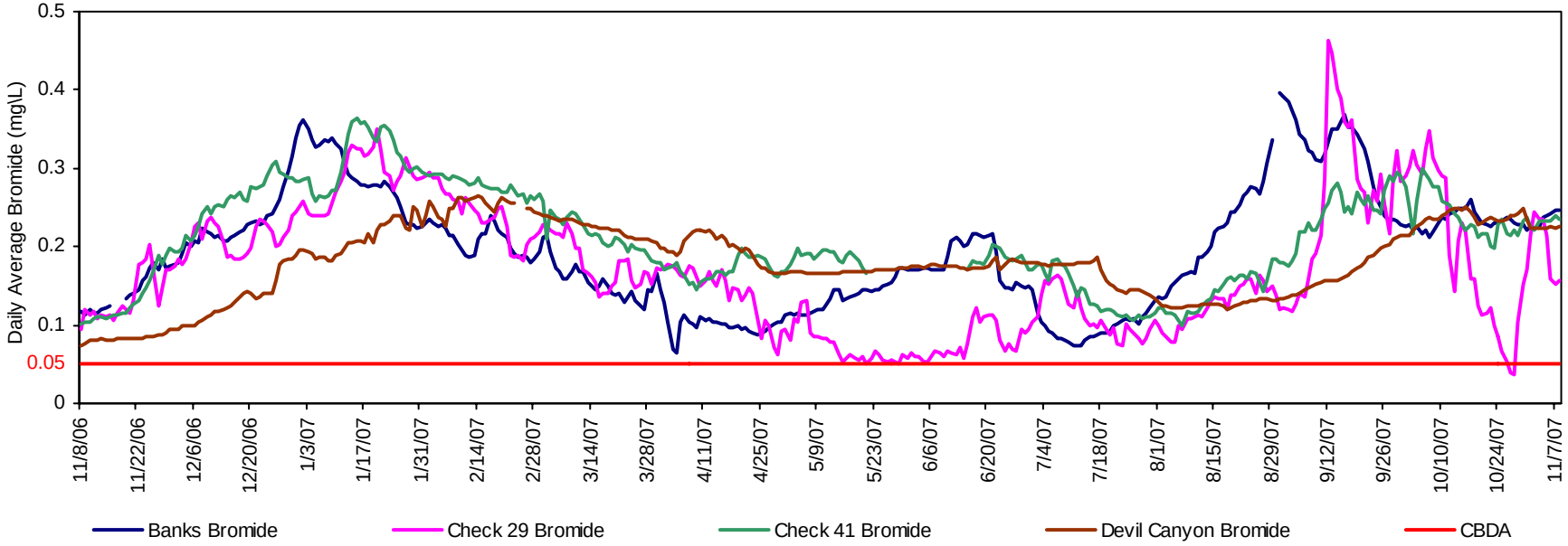
California Aqueduct - Calculated Total Dissolved Solids



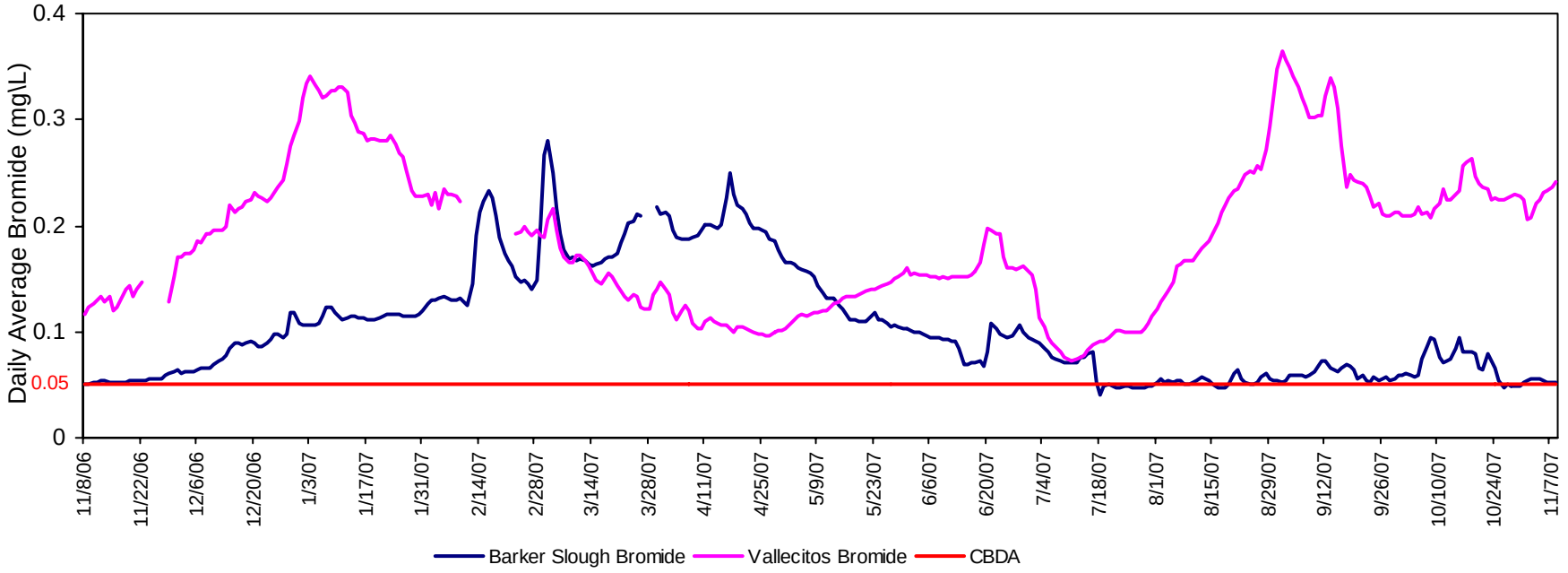
North and South Bay Aqueduct - Calculated Total Dissolved Solids



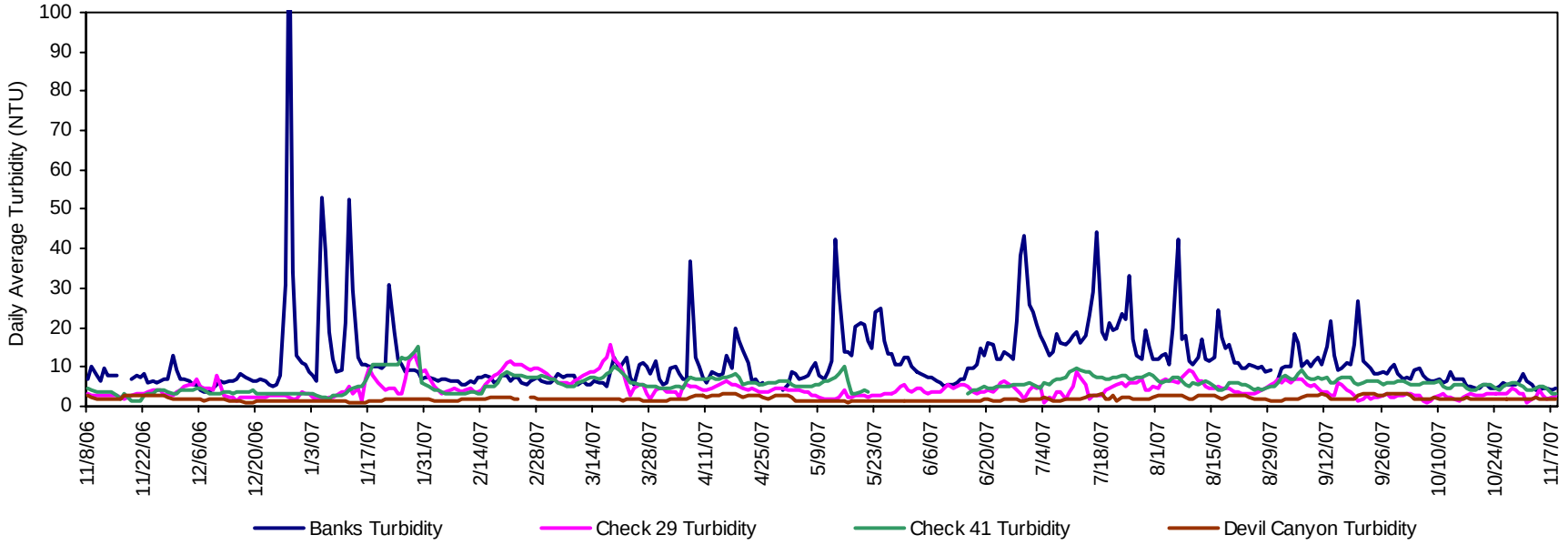
California Aqueduct - Calculated Bromide



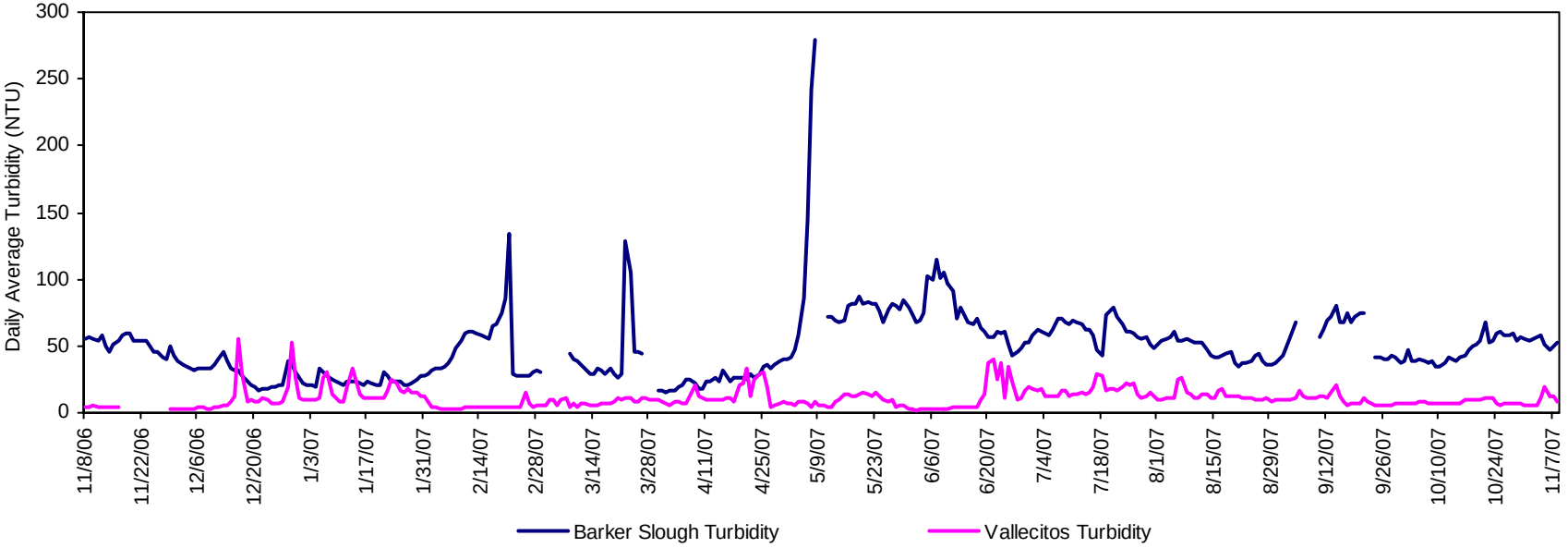
North and South Bay Aqueduct - Calculated Bromide

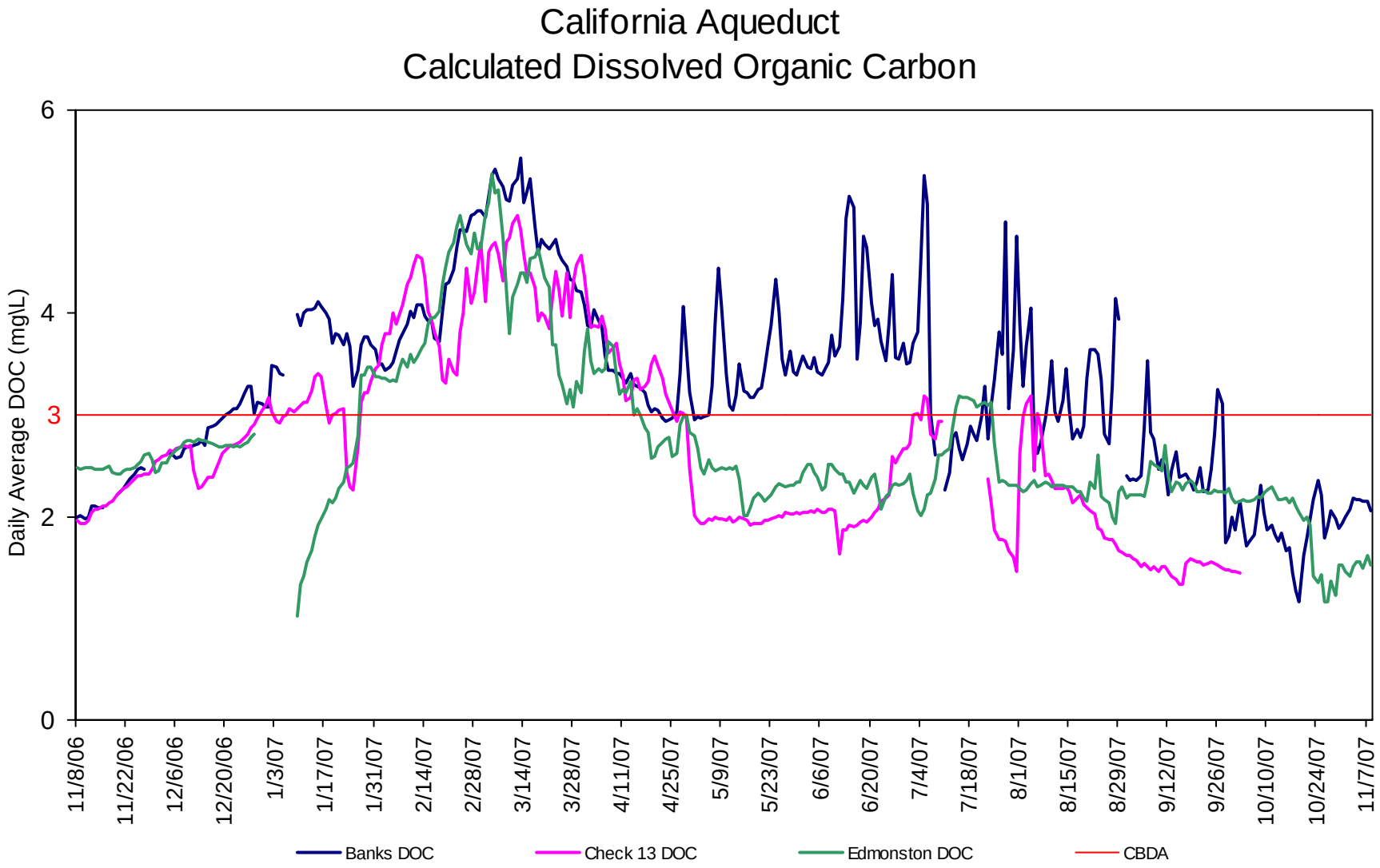


California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity




California Aqueduct
Calculated Dissolved Organic Carbon
Daily Average DOC (mg\L)
6
4
3
2
0
11/8/06
11/22/06
12/6/06
12/20/06
1/3/07
1/17/07
1/31/07
2/14/07
2/28/07
3/14/07
3/28/07
4/11/07
4/25/07
5/9/07
5/23/07
6/6/07
6/20/07
7/4/07
7/18/07
8/1/07
8/15/07
8/29/07
9/12/07
9/26/07
10/10/07
10/24/07
11/7/07
Banks DOC
Check 13 DOC
Edmonston DOC
CBDA