

# SWP Water Quality Summary

December 19, 2000

## Automated Station Data

Automated sampling stations provide real time data by continuously measuring water quality conditions in the Aqueduct.

Water Quality Parameter		NBA at Barker Slough PP KG000000	Harvey O. Banks Pumping Plant KA000331	Check 13 at O'Neill Forebay Outlet KA007089	Check 29 Near Highway 119 KA024454	MWD Pipeline at Castaic Lake CA000000	Devil Canyon Power Plant KA041288
Turbidity (NTU)	average	36	6	9	6	1	3
	maximum	49	30	31	9	2	4
	minimum	17	3	5	4	1	2
Conductivity (microSiemens/cm)	average	271	585	527	517	439	450
	maximum	290	624	570	555	446	503
	minimum	252	516	264	457	434	410
Calculated TDS (mg/l)	average	161	331	300	299	262	260
	maximum	172	353	325	321	266	289
	minimum	151	292	153	264	259	238

## Grab Sample Data of Special Interest

Laboratory analyses of water quality constituents, including inorganic compounds, are conducted from monthly water quality samples collected throughout the SWP.

Water Quality Parameter	units	objectives	Barker Slough Pumping Plant	Harvey O. Banks Pumping Plant	Check 13 at O'Neill Forebay Outlet	Check 29 Near Highway 119	Devil Canyon Power Plant
Bromide	mg/l	0.05 ° °	0.04	0.37	0.27	0.29	0.21
Hardness	mg/l	180/110 °	96	100	103	98	94
Total Alkalinity	mg/l as CaCO <sub>3</sub>	none	92	66	72	65	72
Total Organic Carbon	mg/l	3.0 ° °	6.8	5.5	N/A	4.3	3.5
Total Dissolved Solids	mg/l	440/220° /150° ° °	155	300	262	262	231

\* latest analyses available

\*\* n/a not available

° Article 19 (monthly/ten year averages)

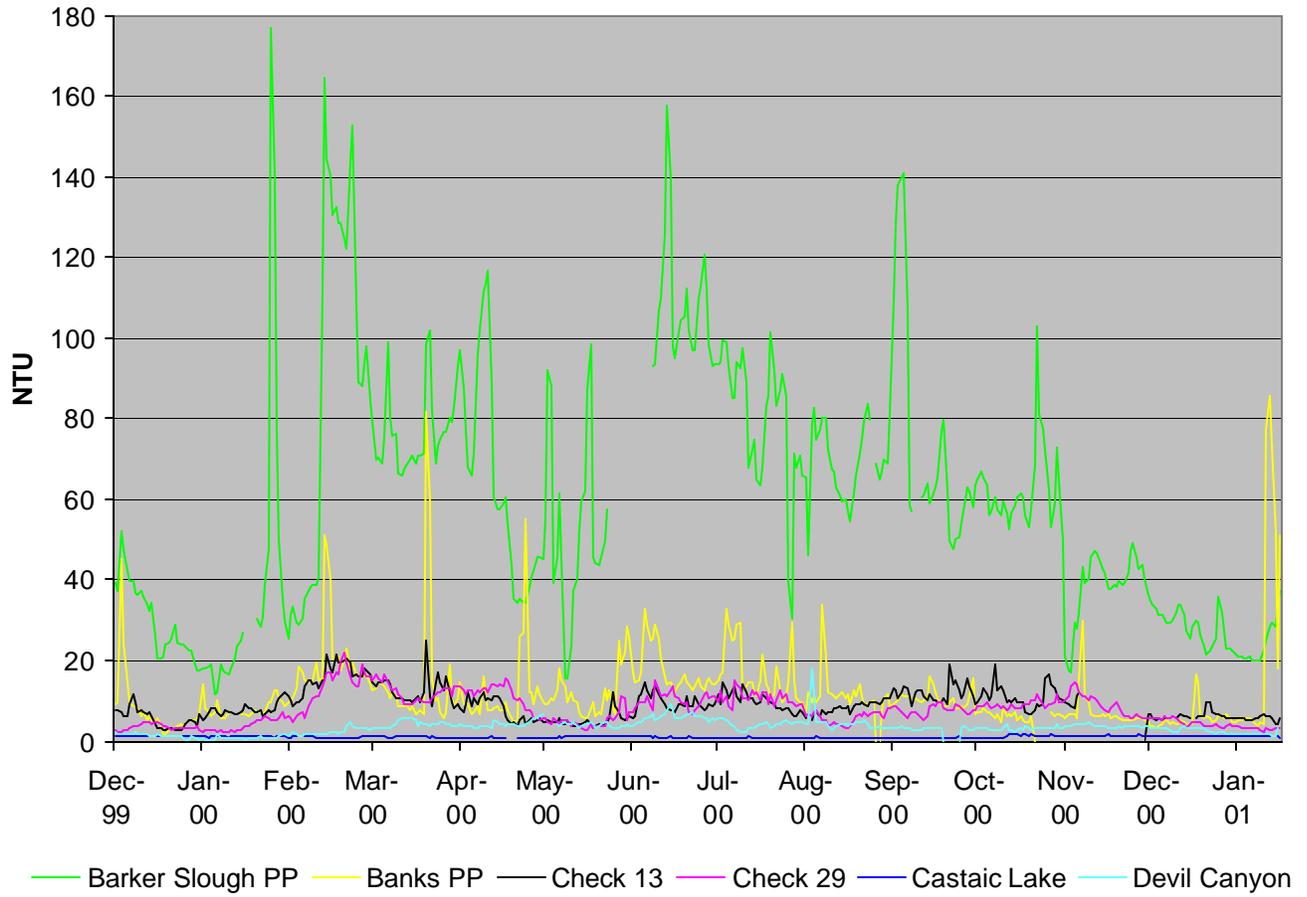
° ° CALFED/CUWA

° ° ° CUWA Proposed

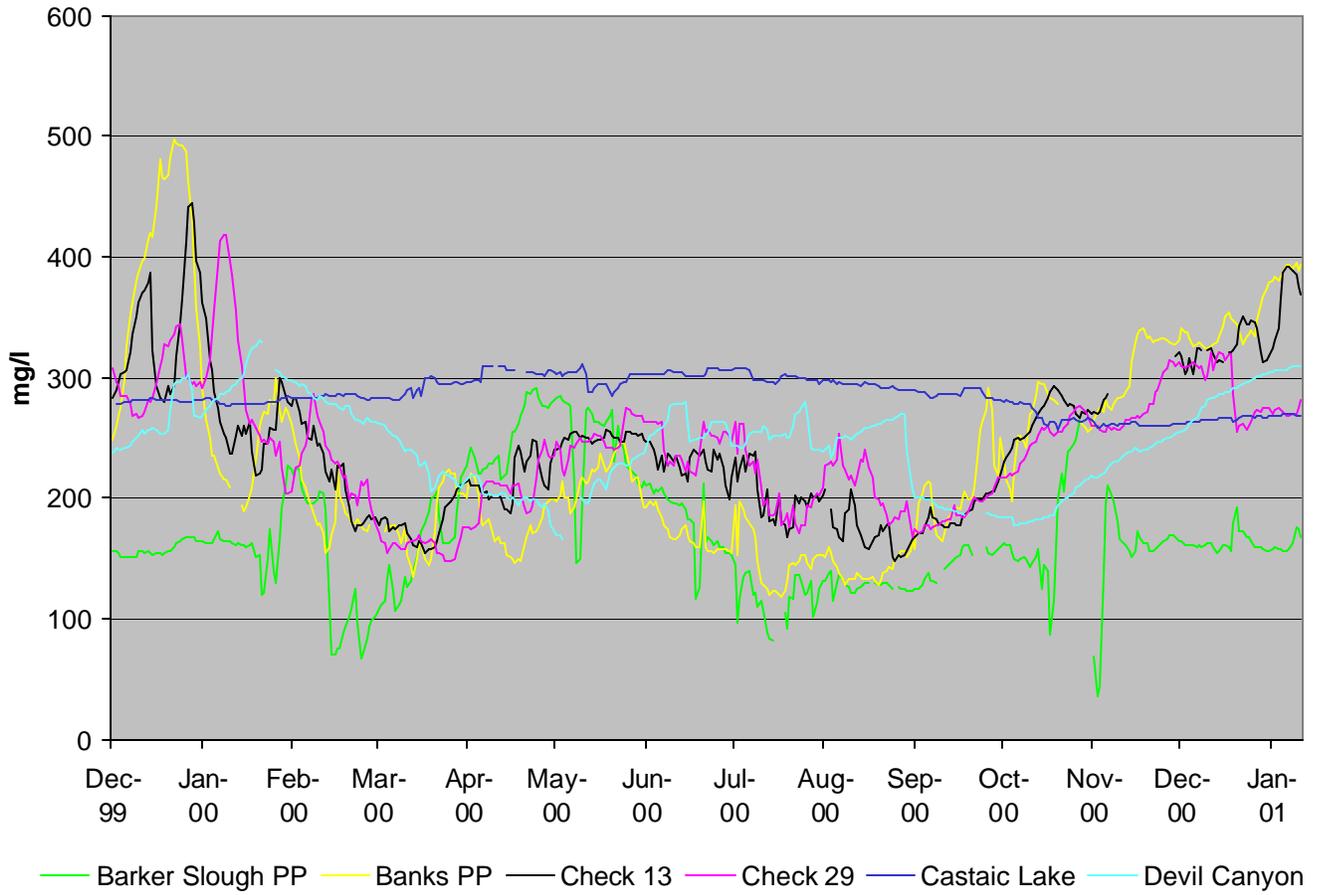
## Water Quality Highlights

- TOC lab data for November 2000 was analyzed by gas combustion.
- Tytronics meter at O'Neill outlet has been installed. Calibration is currently underway. TOC data will be reported in early January.
- Chromium evaluation of SWP completed. Report has been distributed electronically.

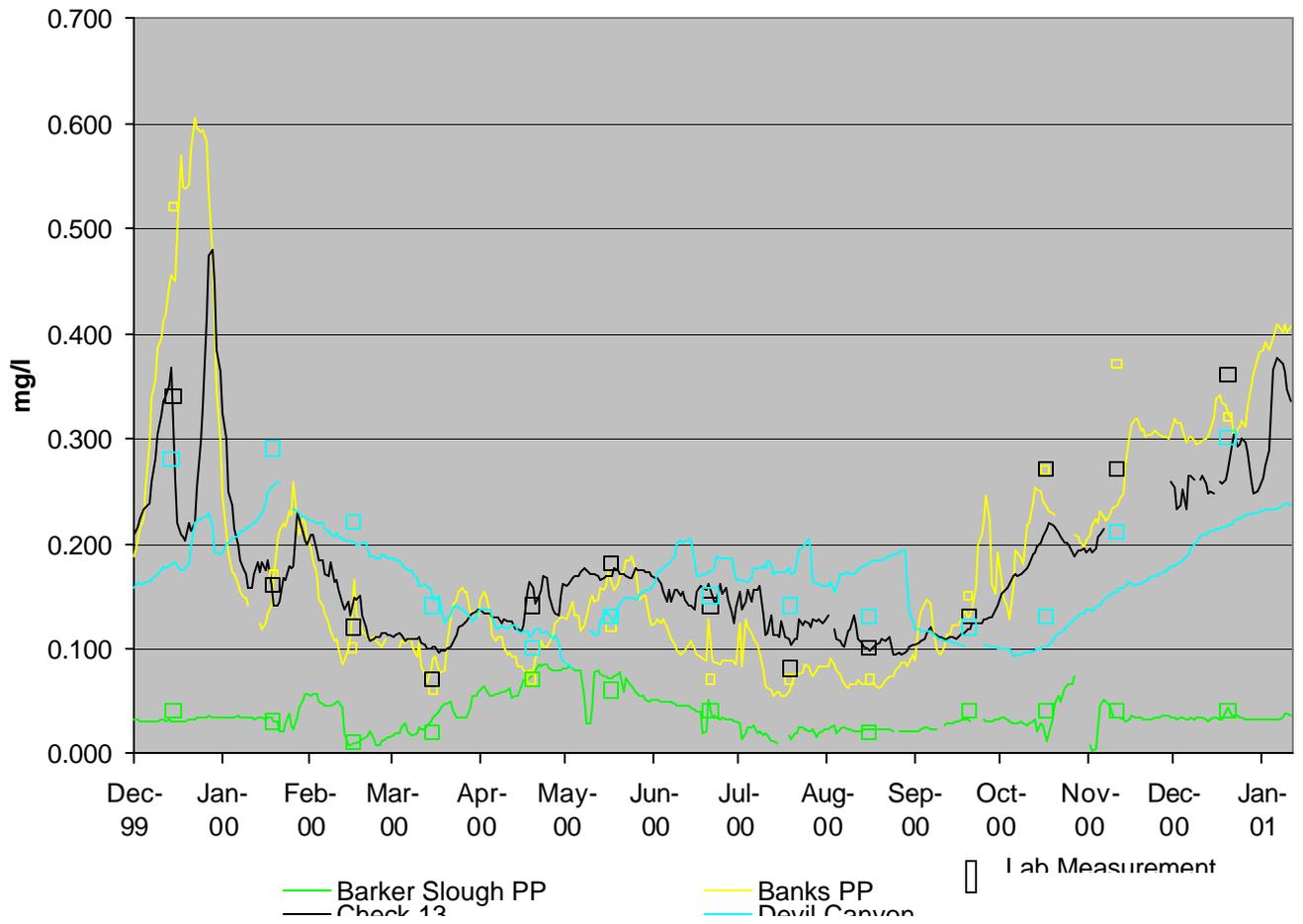
# Turbidity



### TDS (calculated)



### Bromide (calculated)



### Daily Average Flow

