

SWP 7-Day Water Quality Summary Report - California Aqueduct

For dates: 9/2/2015 to 9/9/2015

This water quality report is produced by the Department of Water Resources, Division of Operations and Maintenance, Water Quality Section.

To view WQ data from the automated stations along the SWP, visit: http://www.water.ca.gov/swp/waterquality/AutostationData/Autostation_map.cfm and use the map to click on a station name to link to the station's data on the California Data Exchange Center (CDEC) website.

I. Summary

California Aqueduct	9/2/2015	9/9/2015	% Change	7-Day Average
Clifton Court (CLC)				
Salinity (EC), $\mu\text{S}/\text{cm}$	662	630	-5	656
Temperature, $^{\circ}\text{C}$	24.0	23.8	-1	22.9
Turbidity, NTU	8.0	6.2	-23	7.4
pH	7.7	7.5	-2	7.7
Harvey Banks Pumping Plant (HBP)				
Salinity (EC), $\mu\text{S}/\text{cm}$	690	711	+ 3	672
Temperature, $^{\circ}\text{C}$	23.1	22.3	-4	21.1
Turbidity, NTU	9.1	4.8	-48	6.1
pH	7.8	7.9	1	7.9
O'Neill Forebay Outlet (C13)				
Salinity (EC), $\mu\text{S}/\text{cm}$	757	748	-2	758
Temperature, $^{\circ}\text{C}$	22.2	22.9	+ 3	21.9
Turbidity, NTU	15.8	4.8	-70	9.6
pH	8.9	8.5	-5	8.6
Check 21 (C21)				
Salinity (EC), $\mu\text{S}/\text{cm}$	754	724	-4	722
Temperature, $^{\circ}\text{C}$	25.0	25.4	1	24.8
Turbidity, NTU	8.6	15.2	+ 77	13.2
pH	8.9	9.4	+ 5	9.9

Check 29 (C29)				
Salinity (EC), $\mu\text{S}/\text{cm}$	631	525	-17	588
Temperature, $^{\circ}\text{C}$	27.0	25.3	-7	25.8
Turbidity, NTU	24.6	13.1	-47	14.1
pH	7.4	7.2	-3	7.3

Check 41 (C41)				
Salinity (EC), $\mu\text{S}/\text{cm}$	631	656	+ 3	669
Temperature, $^{\circ}\text{C}$	28.1	26.8	-5	27.1
Turbidity, NTU	12.5	7.6	-40	8.8
pH	8.2	8.8	+ 7	8.8

Castaic Lake Outlet (CSO)				
Salinity (EC), $\mu\text{S}/\text{cm}$	617	664	+ 7	659
Temperature, $^{\circ}\text{C}$	22.3	22.7	1	22.2
Turbidity, NTU	1.2	0.6	-48	1.0
pH	7.7	7.7	<1	7.7

Check 66 (C66)				
Salinity (EC), $\mu\text{S}/\text{cm}$	648	666	+ 2	641
Temperature, $^{\circ}\text{C}$	25.5	24.7	-3	23.6
Turbidity, NTU	8.5	11.9	+ 39	12.9

Devil Canyon 2nd Afterbay (DC2)				
Salinity (EC), $\mu\text{S}/\text{cm}$	562	m	---	599
Temperature, $^{\circ}\text{C}$	m	m	---	---
Turbidity, NTU	7.9	m	---	8.4

'm' indicates missing data. '---' indicates 'not applicable'. All data are preliminary and subject to revision without notice.

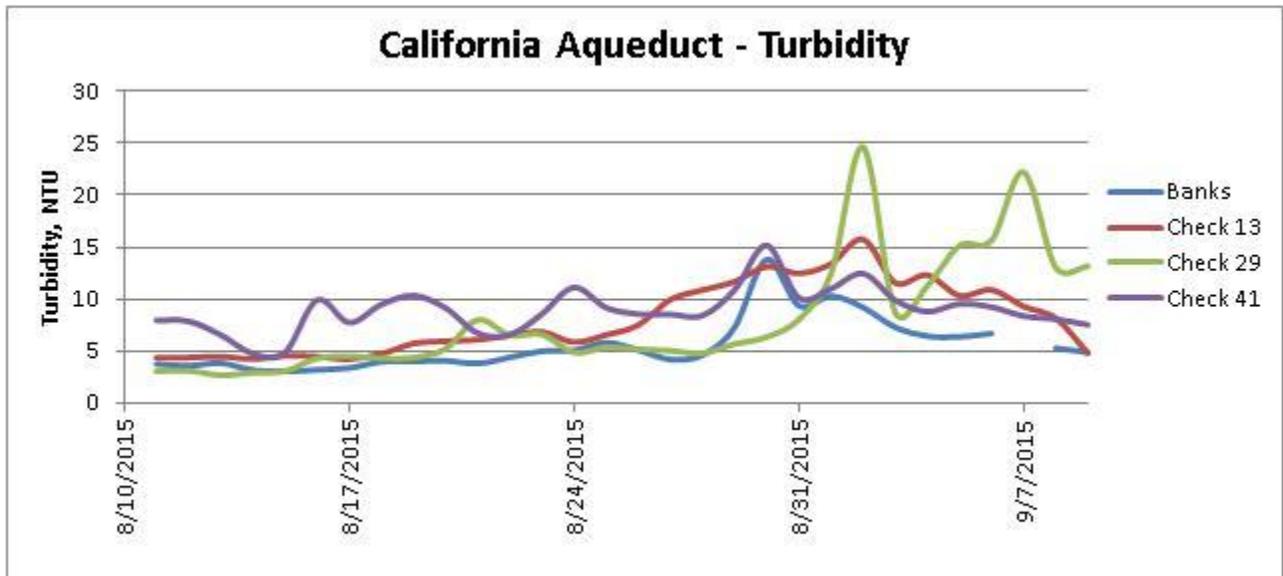
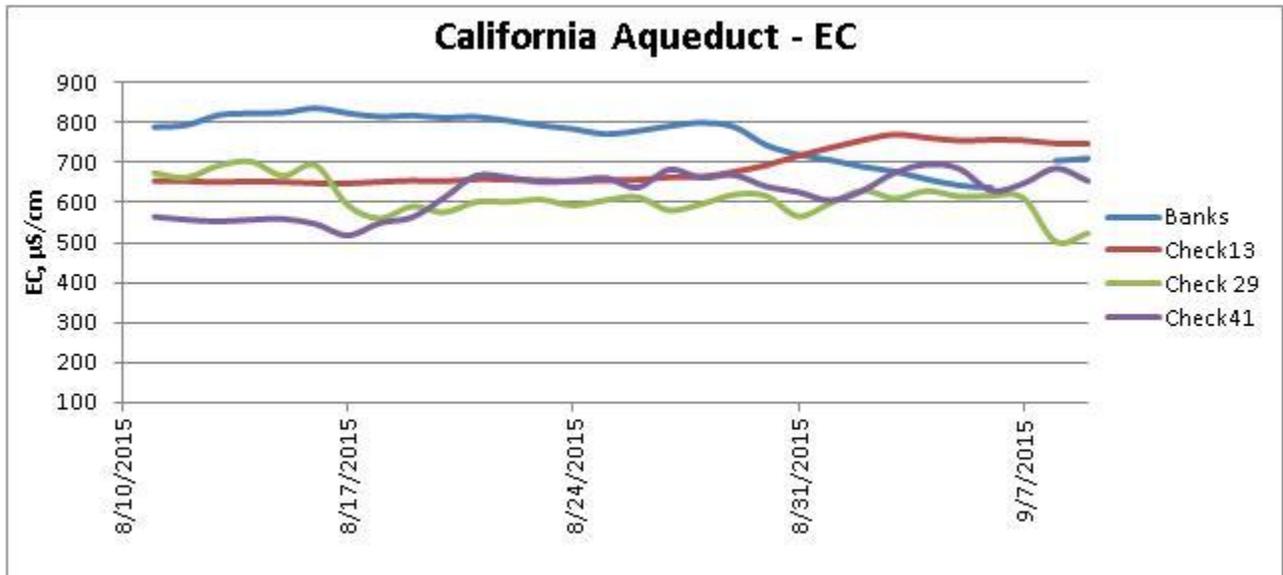
II. Notes (updated on 9/9/2015)

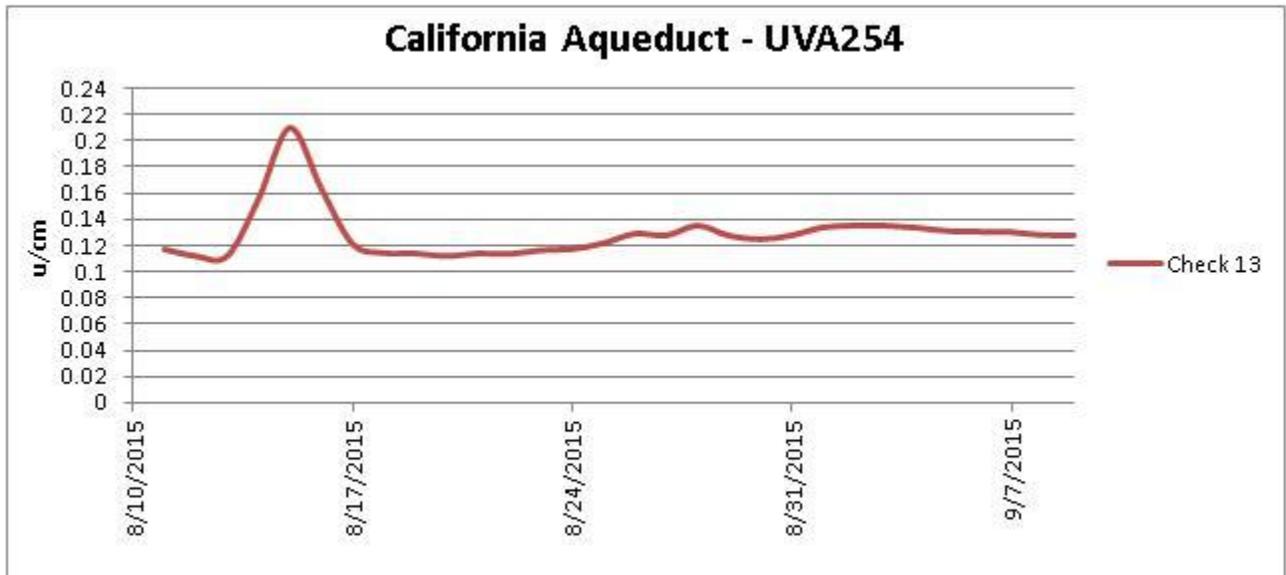
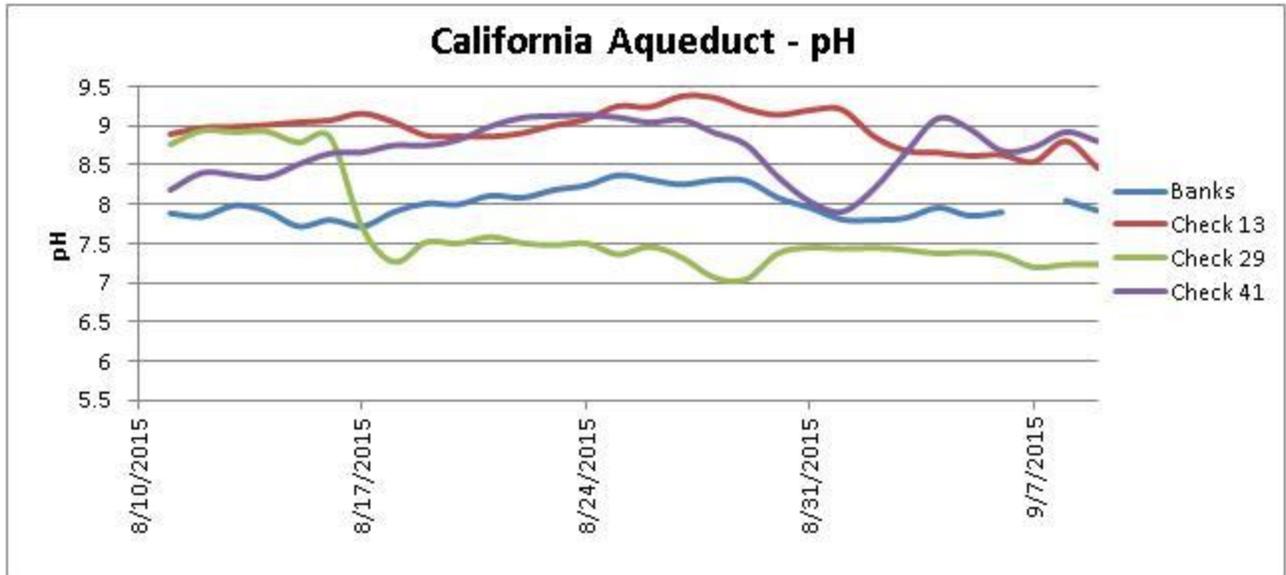
Banks Pumping Plant: UVA data temporarily unavailable.

Devil Canyon 2nd Afterbay: Communications have been down since 10:00 PDT on 9/4.

Taste and Odor: MIB and geosmin concentrations in water sampled on August 31, 2015 at Clifton Court Inlet, Banks Pumping Plant, Del Valle Check 7, Dyer Reservoir, Lake Del Valle Outlet, Gianelli Pumping Plant, and O'Neill Forebay Outlet (Check 13) ranged from < 1 to 211 ng/L. MIB concentrations ranged from < 1 ng/L at Lake Del Valle Outlet to 211 ng/L at Gianelli Pumping Plant. Geosmin concentrations ranged from < 1 ng/L at Lake Del Valle Outlet to 16 ng/L at Gianelli Pumping Plant.

III. 30-Day Charts for Selected Sites:





SWP 7-Day Water Quality Summary Report - North Bay Aqueduct

For dates: 9/2/2015 to 9/9/2015

This water quality report is produced by the Department of Water Resources, Division of Operations and Maintenance, Water Quality Section.

To view WQ data from the automated stations along the SWP, visit: http://www.water.ca.gov/swp/waterquality/AutostationData/Autostation_map.cfm and use the map to click on a station name to link to the station's data on the California Data Exchange Center (CDEC) website.

I. Summary

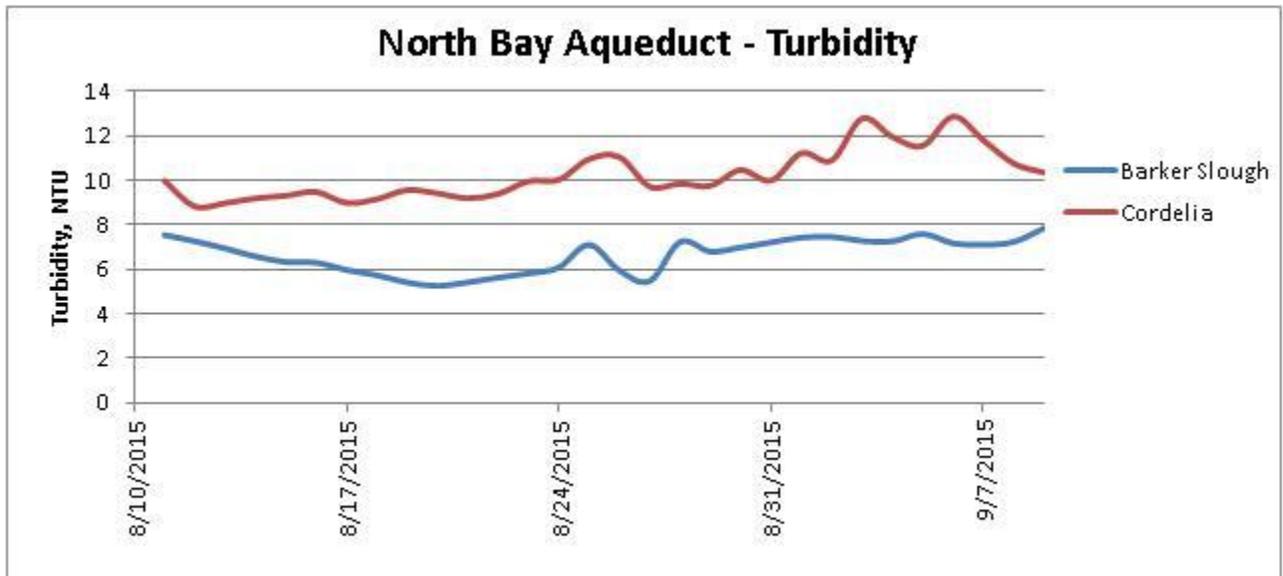
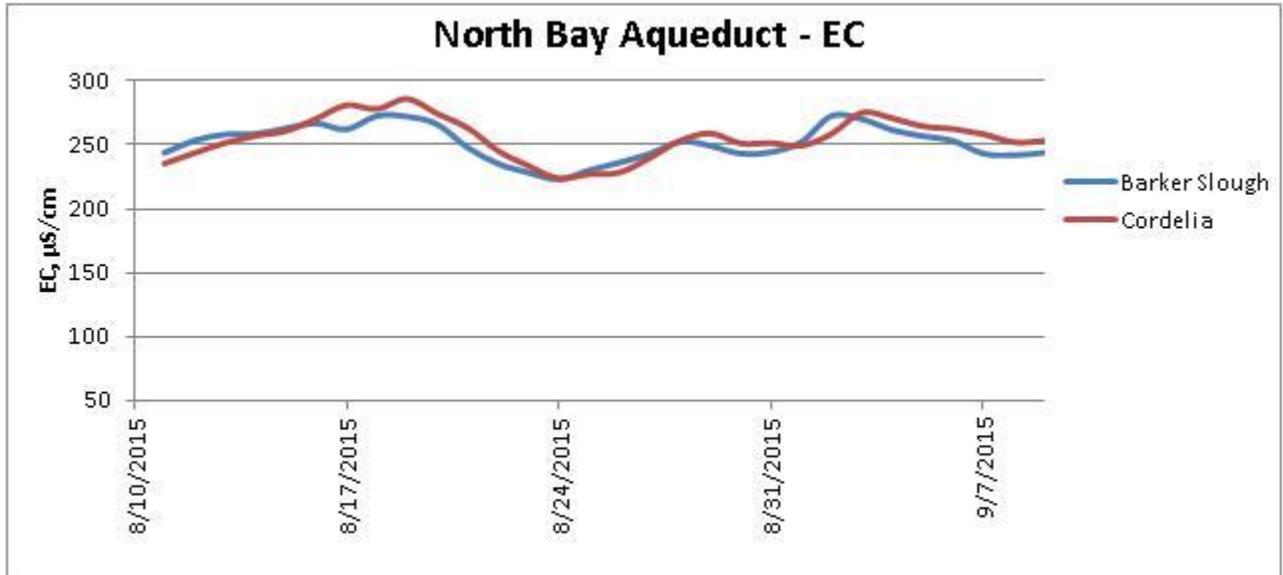
North Bay Aqueduct	9/2/2015	9/9/2015	% Change	7-Day Average
Barker Slough				
Salinity (EC), $\mu\text{S}/\text{cm}$	272	244	-11	253
Temperature, $^{\circ}\text{C}$	21.9	22.2	1	21.2
Turbidity, NTU	7.5	7.9	+ 5	7.4
pH	7.3	7.3	<1	7.3
Cordelia Pumping Plant				
Salinity (EC), $\mu\text{S}/\text{cm}$	258	253	-3	262
Temperature, $^{\circ}\text{C}$	22.5	22.0	-3	21.5
Turbidity, NTU	10.9	10.3	-6	11.7

'm' indicates missing data. '---' indicates 'not applicable'. All data are preliminary and subject to revision without notice.

II. Notes (updated on 9/9/2015)

N/A

III. 30-Day Charts for Selected Sites:



SWP 7-Day Water Quality Summary Report - South Bay Aqueduct

For dates: 9/2/2015 to 9/9/2015

This water quality report is produced by the Department of Water Resources, Division of Operations and Maintenance, Water Quality Section.

To view WQ data from the automated stations along the SWP, visit: http://www.water.ca.gov/swp/waterquality/AutostationData/Autostation_map.cfm and use the map to click on a station name to link to the station's data on the California Data Exchange Center (CDEC) website.

I. Summary

South Bay Aqueduct	9/2/2015	9/9/2015	% Change	7-Day Average
Clifton Court (CLC)				
Salinity (EC), $\mu\text{S}/\text{cm}$	662	630	-5	656
Temperature, $^{\circ}\text{C}$	24.0	23.8	-1	22.9
Turbidity, NTU	8.0	6.2	-23	7.4
pH	7.7	7.5	-2	7.7
Harvey Banks Pumping Plant (HBP)				
Salinity (EC), $\mu\text{S}/\text{cm}$	690	711	+ 3	672
Temperature, $^{\circ}\text{C}$	23.1	22.3	-4	21.1
Turbidity, NTU	9.1	4.8	-48	6.1
pH	7.8	7.9	1	7.9
UVA @ 254nm (u/cm)	m	m	---	---
Del Valle Check 7 (DV7)				
Salinity (EC), $\mu\text{S}/\text{cm}$	704	690	-2	706
Temperature, $^{\circ}\text{C}$	23.0	22.0	-5	21.2
Turbidity, NTU	6.9	9.0	+ 31	8.4
pH	7.9	8.4	+ 5	8.2
Del Valle COW (DCO)				
Salinity (EC), $\mu\text{S}/\text{cm}$	539	541	<1	540
Temperature, $^{\circ}\text{C}$	14.7	15.1	+ 3	14.9
Turbidity, NTU	1.8	1.8	1	1.8
pH	7.5	7.6	<1	7.5

Vallecitos (VSB)				
Salinity (EC), $\mu\text{S}/\text{cm}$	m	m	---	---
Temperature, $^{\circ}\text{C}$	m	m	---	---
Turbidity, NTU	m	m	---	---
pH	m	m	---	---

'm' indicates missing data. '---' indicates 'not applicable'. All data are preliminary and subject to revision without notice.

II. Notes (updated on 9/9/2015)

Dyer Reservoir: Communications have been down since 17:00 PDT on 8/30.

Vallecitos: Communications have been down since 6:00 PDT on 8/29.

Taste and Odor: MIB and geosmin concentrations in water sampled on August 31, 2015 at Clifton Court Inlet, Banks Pumping Plant, Del Valle Check 7, Dyer Reservoir, Lake Del Valle Outlet, Gianelli Pumping Plant, and O'Neill Forebay Outlet (Check 13) ranged from < 1 to 211 ng/L. MIB concentrations ranged from < 1 ng/L at Lake Del Valle Outlet to 211 ng/L at Gianelli Pumping Plant. Geosmin concentrations ranged from < 1 ng/L at Lake Del Valle Outlet to 16 ng/L at Gianelli Pumping Plant.

III. 30-Day Charts for Selected Sites:

