

DWR

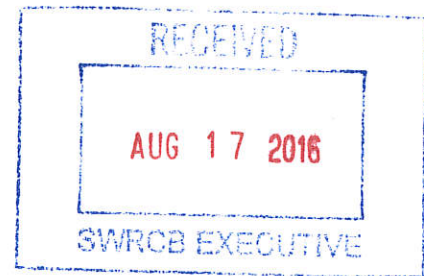


DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance
3310 El Camino Avenue, Suite 300
Sacramento, California 95821



BUREAU OF RECLAMATION
Central Valley Operations Office
3310 El Camino Avenue, Suite 300
Sacramento, California 95821

AUG 12 2016



Thomas Howard
Executive Director
State Water Resources Control Board
1001 I Street
Sacramento, California 95814

Report of Exceedance of South Delta Agricultural Objective at San Joaquin River at Brandt Bridge and Old River near Middle River Stations

Dear Mr. Howard:

The 30-day average Electrical Conductivity (EC) at the San Joaquin River at Brandt Bridge (Station C-6) and Old River near Middle River (Station C-8) compliance locations reached 0.8 millisiemens per centimeter (mS/cm) on July 18, 2016, and July 27, 2016, respectively, exceeding the State Water Resources Control Board (Board) Water Rights Decision 1641 (D-1641) objective of 0.7 mS/cm. The attached table (Attachment 1) shows daily and 30-day average EC values leading up to the dates of exceedance.

The 30-day average EC values at Vernalis (Station C-10) remain below the D-1641 objective. As of the date of this letter, the 30-day average EC was 0.5 mS/cm. Figures 1 and 2 are maps of the four south Delta and two export area compliance locations and the corresponding 30-day average EC values on each of the dates the exceedance occurred.

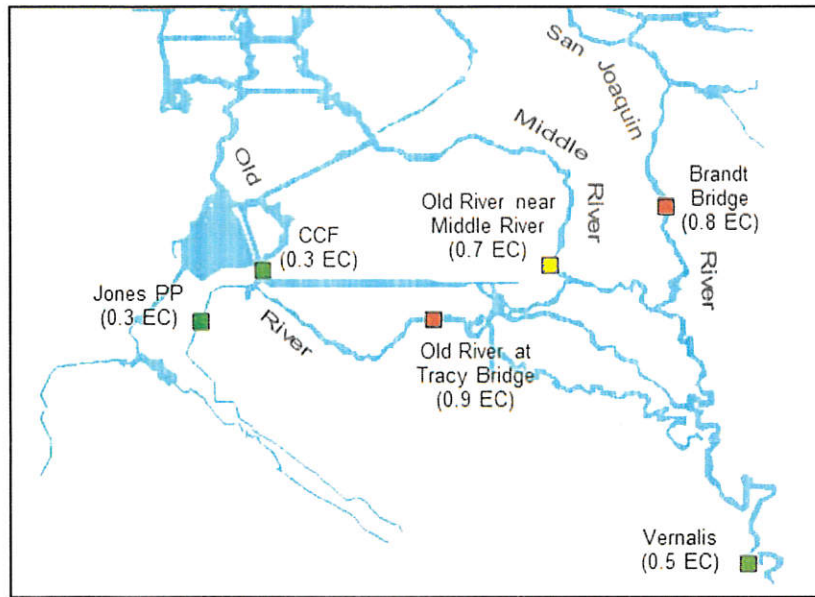


Figure 1: 30-day Average EC on July 18, 2016

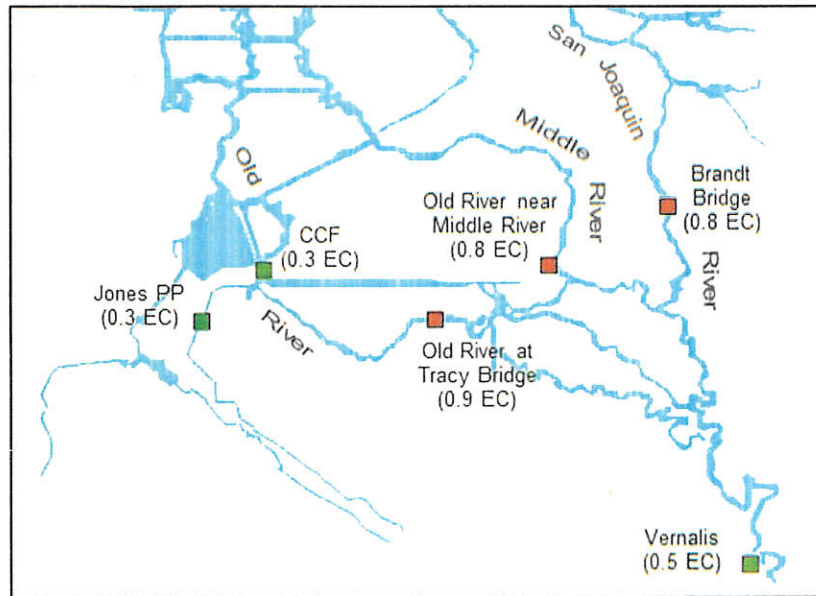


Figure 2: 30-day Average EC on July 27, 2016

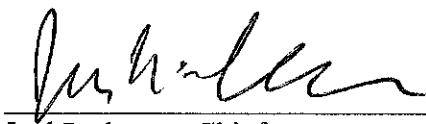
The Department of Water Resources (DWR) and U.S. Bureau of Reclamation (Reclamation) maintain that the exceedances are due to factors beyond our control including poor water quality sources and poor circulation in the south Delta channels and the extremely dry conditions continuing to plague the San Joaquin Valley resulting in extremely low flow in the San Joaquin River.

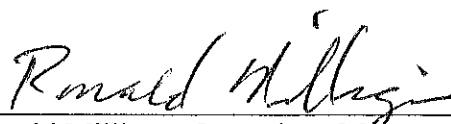
DWR and Reclamation are not proposing any corrective measures beyond intermittently altering the operation of the south Delta agricultural barriers to balance water levels and water quality. Nonetheless, in coordination with the South Delta Water Agency and the Board's Delta Watermaster, DWR and Reclamation continue to investigate identified alternatives.

In addition, DWR has been working with the South Delta Water Agency and Board staff to investigate sources and patterns of high salinity in the south Delta. A draft report has been prepared; the final report will be available later this summer.

If you have any questions or would like more information regarding this notification, please contact Mr. John Leahigh of DWR at (916) 574-2722 or Ms. Elizabeth Kiteck of Reclamation at (916) 979-2684.

Sincerely,


For Joel Ledesma, Chief
Assistant Division Chief 2
Division of Operations and Maintenance
Department of Water Resources


Ronald Milligan, Operations Manager
Central Valley Operations Office
U.S. Bureau of Reclamation

Attachment

cc: Michael George, Delta Watermaster
State Water Resources Control Board
1001 I Street
Sacramento, California 95812

Amy L. Aufdemberge
Assistant Regional Solicitor
2800 Cottage Way, Room E-1712
Sacramento, California 95825

Christine Rico
Office of the Delta Watermaster
State Water Resources Control Board
1001 I Street
Sacramento, California 95812

John Herrick, Esq.
South Delta Water Agency
4255 Pacific Avenue, Suite
Stockton, California 95207

Carolee Krieger
808 Romero Canyon Road
Santa Barbara, California 93108

Michael Jackson
P.O. Box 207
Quincy, California 95971

Diane Riddle
Division of Water Rights
1001 I Street
Sacramento, California 95814

Dante John Nomellini, Esq.
Nomellini, Grilli and McDaniel
P.O. Box 1461
Stockton, California 95201

Stefanie Morris, General Counsel
State Water Contractors
1121 L Street, Suite 1050
Sacramento, California 95814

Carl P. A. Nelson
Bold, Polisner, Maddow, Nelson and
Judson
500 Ygnacio Valley Road, Suite 325
Walnut Creek, California 94596-3840

Tim O'Laughlin
O'Laughlin and Paris LLP
117 Meyers Street, Suite 110
Chico, California 95928

Carl Wilcox
California Department of Fish and Wildlife
1416 9th Street
Sacramento, California 95814

Daniel Sodergren, City Attorney
City of Tracy
333 Civic Center Plaza
Tracy, California 95376

Jon D. Rubin
San Luis-Delta Mendota Water Authority
1415 L Street, Suite 800
Sacramento, California 95814

Thomas J. Shephard, Sr.
P.O. Box 20
Stockton, California 95201

Attachment 1 Delta Water Quality Conditions*

Date	Vernalis		Brandt Bridge		Old River Near Tracy		Old River Near MR	
	VERec	VER30ec	BDTec	BDT30ec	OLDec	OLD30ec	UNDec	UNI30ec
1-Jul-16	0.5	0.4	0.8	0.5	0.8	0.8	0.6	0.5
2-Jul-16	0.5	0.4	0.8	0.6	0.8	0.8	0.6	0.5
3-Jul-16	0.5	0.4	0.8	0.6	0.8	0.8	0.7	0.5
4-Jul-16	0.5	0.4	0.8	0.6	0.9	0.8	0.7	0.5
5-Jul-16	0.4	0.4	0.8	0.6	0.9	0.8	0.8	0.5
6-Jul-16	0.4	0.4	0.8	0.6	0.9	0.8	0.8	0.6
7-Jul-16	0.4	0.5	0.9	0.6	0.9	0.8	0.7	0.6
8-Jul-16	0.5	0.5	0.9	0.6	0.9	0.8	0.7	0.6
9-Jul-16	0.5	0.5	0.9	0.7	0.9	0.8	0.8	0.6
10-Jul-16	0.5	0.5	0.9	0.7	1.0	0.8	0.8	0.6
11-Jul-16	0.5	0.5	0.9	0.7	0.9	0.8	0.8	0.6
12-Jul-16	0.6	0.5	0.9	0.7	0.9	0.8	0.8	0.6
13-Jul-16	0.6	0.5	0.8	0.7	1.0	0.8	0.8	0.6
14-Jul-16	0.6	0.5	0.8	0.7	1.0	0.8	0.8	0.6
15-Jul-16	0.5	0.5	0.8	0.7	1.0	0.8	0.8	0.6
16-Jul-16	0.5	0.5	0.8	0.7	0.9	0.8	0.9	0.7
17-Jul-16	0.5	0.5	0.8	0.7	1.0	0.8	0.9	0.7
18-Jul-16	0.5	0.5	0.8	0.8	1.0	0.9	0.8	0.7
19-Jul-16	0.5	0.5	0.8	0.8	1.0	0.9	0.8	0.7
20-Jul-16	0.4	0.5	0.8	0.8	1.1	0.9	0.8	0.7
21-Jul-16	0.4	0.5	0.8	0.8	1.1	0.9	0.8	0.7
22-Jul-16	0.6	0.5	0.8	0.8	1.0	0.9	0.8	0.7
23-Jul-16	0.6	0.5	0.8	0.8	1.1	0.9	0.8	0.7
24-Jul-16	0.5	0.5	0.8	0.8	1.1	0.9	0.8	0.7
25-Jul-16	0.5	0.5	0.8	0.8	1.1	0.9	0.8	0.7
26-Jul-16	0.5	0.5	0.8	0.8	1.1	0.9	0.8	0.7
27-Jul-16	0.4	0.5	0.8	0.8	1.0	0.9	0.8	0.8
28-Jul-16	0.4	0.5	0.8	0.8	1.0	0.9	0.7	0.8
29-Jul-16	0.4	0.5	0.8	0.8	1.0	1.0	0.8	0.8
30-Jul-16	0.4	0.5	0.8	0.8	1.0	1.0	0.8	0.8
31-Jul-16	0.4	0.5	0.8	0.8	1.0	1.0	0.8	0.8
1-Aug-16	0.4	0.5	0.8	0.8	1.0	1.0	0.8	0.8

*Salinity reported as electrical conductivity in milliSiemens per centimeter (mS/cm).

XXXec	XXX30ec
-------	---------

Daily average and 30-day running average electrical conductivity