



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

MAY 24 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 Old River at Tracy Road Bridge Station

Dear Mr. Howard:

The 30-day average Electrical Conductivity (EC) at the Old River at Tracy Road Bridge compliance location (Station P-12) was 1.1 millisiemens per centimeter (mS/cm) on April 30, 2016, 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 date of exceedance.

The Department of Water Resources (DWR) and the U.S. Bureau of Reclamation (Reclamation) consider April 30 as the first day to ascertain compliance because, as noted in footnote 2 of Table 3 in D-1641, "Determination of compliance with an objective expressed as a running average begins on the last day of the averaging period."

The 30-day average EC values at Old River near Middle River (Station C-8) and at San Joaquin at Brandt Bridge (Station C-6) that same day were both 0.7 mS/cm. Additionally, the 30-day average EC at Vernalis on that same day was 0.6 mS/cm. Figure 1 is a map of the four south Delta compliance locations and the corresponding 30-day average EC values on the date of the exceedance at Station P-12.

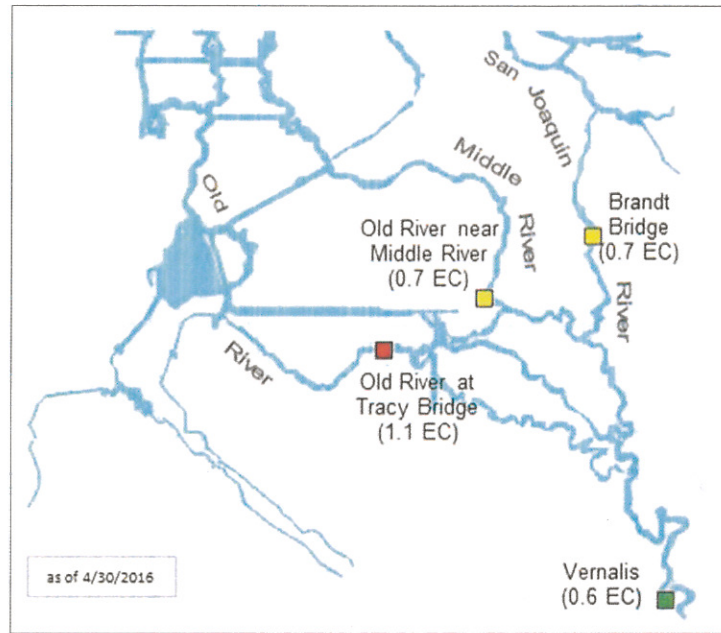


Figure 1

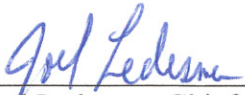
DWR and Reclamation maintain the position that exceedances at Station P-12 are not a result of project operations, but rather localized degradation. DWR and Reclamation will continue to undertake all practicable measures to improve water quality in the south Delta, including intermittently altering the operation of the culvert flapgates at the Old River near Tracy barrier from time to time to balance water levels with water quality.


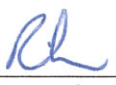
As of the date of this letter, the status of the south Delta barriers is as follows:

- Middle River – barrier closed on March 31, all six culvert flapgates tidally operating.
- Old River near Tracy – barrier closed on April 3, all nine culvert flapgates tidally operating.
- Spring Head of Old River – barrier closed on April 3, all eight culvert slide-gates are open, barrier removal will begin on June 1.
- Grant Line Canal barrier – barrier partially closed on April 17, center weir section open, and all six culvert flapgates are tied open. Barrier will be fully closed following removal of the Spring Head of Old River barrier. (Also, the Middle River barrier will be raised by one foot at that time.)

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,


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

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

Attachment

cc: Michael George, Delta Watermaster
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Attachment 1 Delta Water Quality Conditions*

Date	Vernalis		Brandt Bridge		Old River Near Tracy		Old River Near Middle	
	VERec	VER30ec	BDTec	BDT30ec	OLDec	OLD30ec	UNDec	UNI30ec
1-Apr-16	1.1	0.7	1.0	0.8	1.0	0.8	1.0	0.7
2-Apr-16	1.1	0.7	1.0	0.8	1.1	0.8	1.0	0.7
3-Apr-16	1.1	0.7	1.0	0.8	1.1	0.8	1.0	0.8
4-Apr-16	1.1	0.7	1.1	0.8	1.1	0.8	1.1	0.8
5-Apr-16	0.9	0.7	1.1	0.8	1.1	0.8	1.1	0.8
6-Apr-16	0.8	0.8	1.1	0.8	1.1	0.8	1.1	0.8
7-Apr-16	0.9	0.8	1.1	0.8	1.2	0.8	1.1	0.8
8-Apr-16	0.9	0.8	1.0	0.8	1.2	0.9	0.9	0.8
9-Apr-16	0.9	0.8	0.9	0.8	1.2	0.9	0.9	0.8
10-Apr-16	0.8	0.8	0.9	0.8	1.2	0.9	0.9	0.8
11-Apr-16	0.6	0.8	1.0	0.8	1.3	0.9	1.0	0.8
12-Apr-16	0.7	0.8	0.8	0.8	1.3	0.9	0.9	0.8
13-Apr-16	0.7	0.8	0.7	0.8	1.3	0.9	0.7	0.8
14-Apr-16	0.8	0.8	0.8	0.8	1.3	1.0	0.7	0.8
15-Apr-16	0.8	0.8	0.8	0.8	1.2	1.0	0.8	0.8
16-Apr-16	0.8	0.8	0.9	0.9	1.2	1.0	0.8	0.9
17-Apr-16	0.7	0.8	1.0	0.9	1.1	1.0	0.9	0.9
18-Apr-16	0.4	0.8	0.9	0.9	1.1	1.0	0.8	0.9
19-Apr-16	0.4	0.8	0.3	0.9	1.1	1.1	0.4	0.9
20-Apr-16	0.4	0.8	0.4	0.9	1.1	1.1	0.3	0.9
21-Apr-16	0.4	0.8	0.4	0.9	1.1	1.1	0.4	0.9
22-Apr-16	0.3	0.8	0.3	0.8	1.0	1.1	0.4	0.8
23-Apr-16	0.4	0.8	0.3	0.8	1.0	1.1	0.3	0.8
24-Apr-16	0.3	0.8	0.3	0.8	0.9	1.1	0.3	0.8
25-Apr-16	0.3	0.7	0.3	0.8	0.8	1.1	0.3	0.8
26-Apr-16	0.4	0.7	0.3	0.8	0.8	1.1	0.3	0.8
27-Apr-16	0.3	0.7	0.3	0.8	0.7	1.1	0.3	0.8
28-Apr-16	0.3	0.7	0.3	0.7	0.8	1.1	0.3	0.7
29-Apr-16	0.3	0.7	0.3	0.7	0.8	1.1	0.3	0.7
30-Apr-16	0.4	0.6	0.3	0.7	0.7	1.1	0.3	0.7

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

XXXec
XXX30ec
 Daily average and 30-day running average electrical conductivity