



DWR



DEPARTMENT OF WATER RESOURCES
 Division of Operations and Maintenance
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BUREAU OF RECLAMATION
 Central Valley Operations Office
 3310 El Camino Avenue, Suite 300
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JUL 14 2016

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

Subject: Report of Potential Exceedance of South Delta Water Quality Agricultural Objective

Dear Mr. Howard:

Pursuant to Condition A.9 of the State Water Resources Control Board's Order WR 2010-0002, the Department of Water Resources (DWR) and U.S. Bureau of Reclamation (Reclamation) are hereby notifying the Board of the likelihood that the 30-day average electrical conductivity (EC) South Delta Water Quality Objective at all three interior south Delta compliance locations (San Joaquin River at Brandt Bridge, Old River near Middle River, and Old River at Tracy Road Bridge) will exceed 0.7 milliSiemens per centimeter (mS/cm) beginning on or around July 18, 2016.

Current conditions in the south Delta are as follows (data for 7/11/16):

Gage Location	Mean Daily EC (mS/cm)	30-Day Average EC (mS/cm)
SJR at Brandt Bridge (C-6)	0.86	0.68
Old River near Middle River (C-8)	0.77	0.61
Old River at Tracy Road Bridge (P-12)	0.93	0.80
SJR at Vernalis (C-10)	0.49	0.47

The EC at Old River near Tracy Road Bridge most recently exceeded the objective limit on May 30, and it continues to be in exceedance to date. DWR and Reclamation anticipate that the South Delta agricultural objective at Brandt Bridge and at Old River near Middle River will be exceeded on July 18 or soon thereafter, and may continue to be exceeded throughout the summer.

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

- Middle River – barrier closed (March 9), raised one foot (June 22), all six culvert flap gates tidally operating.
- Old River near Tracy – barrier closed (March 25), all nine culvert flap gates tidally operating.
- Grant Line Canal barrier – barrier fully closed, all six culvert flap gates tidally operating (June 17).
- Spring Head of Old River – barrier removed (June 1).

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 flap gates in the Old River near Tracy barrier from time to time throughout the summer to balance water levels with water quality.

If you have any questions 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,



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