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.
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 Kiteek of Reclamation at (916) 979-2684.

Sincerely,

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

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

Attachment

cc:  Michael George, Delta Watermaster
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Subject: Report of Exceedance of South Delta Water Quality Agricultural Objective

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Thomas J. Shephard, Sr.
P.O. Box 20
Stockton, California 95201
### Attachment 1
### Delta Water Quality Conditions*

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

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