Modeling Tools for Proposed Final SED Development

The Water Supply Effects (WSE) model and other model output used in the proposed Final SED are being provided by the State Water Board.

**For Download Directly From State Water Board Web Page:**

The Water Supply Effects model, revised groundwater modeling, and the revised agricultural economics modeling output are available for download directly from the State Water Board web page. These files include:

1. The Water Supply Effects (WSE) Model – This is the primary analysis tool of the SED and the proposed flow objectives. Contains calculations for surface water diversions, reservoir operations, river flow routing, and hydropower production. It was also used to create inputs for groundwater and temperature analyses. (Excel file titled “*WSE\_Model 09132016.xlsx*”). This file has not been modified since the recirculated draft SED was released in 2016.
2. A spreadsheet used to determine irrigation district groundwater use given the surface water availability results output from WSE. (Excel file titled “*Revised GW and SW use analysis 07062018.xlsx*”).
3. A spreadsheet used to post-process the Statewide Agricultural Production model (SWAP) output and calculate effects to agriculture and agriculture economics (Excel file titled “*Revised Agricultural Economic Analysis 07062018.xlsx*”).

The WSE model excel file contains its own instructions on how to use the model to see various runs and conduct minor adjustments.

**Available Upon Request:**

Due to large file sizes, the temperature modeling and output used for the proposed Final SED must be mailed via compact disc. The temperature modeling results have not been modified since the recirculated draft SED was released in 2016.

To submit a request for the temperature modeling and output, or if there are any questions on any the above files, please contact:

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