

Modeling Tools for Recirculated Draft SED Development

The Water Supply Effects (WSE) model and other model output used in the recirculated draft SED are being provided by the State Water Board for public review.

For Download Directly From State Water Board Web Page:

The Water Supply Effects model, groundwater modeling, and the agricultural economics modeling output are available for download directly from the State Water Board web page. There 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 2010 file titled “*WSE_Model 09132016.xlsx*”).
- 2) A spreadsheet used to determine irrigation district groundwater use given the surface water availability results output from WSE. (Excel 2010 file titled “*GW and SW use analysis 09142016.xlsx*”).
- 3) A spreadsheet used to post-process the Statewide Agricultural Production model (SWAP) output and calculate effects to agriculture and agriculture economics (Excel 2010 file titled “*Agricultural Economic Analysis 09142016.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 recirculated draft SED must be mailed via compact disc.

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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