



Fact Sheet

US Army Corps of Engineers
U.S. Army Engineer Research and Development Center

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Dutch Gulch Outlet Works

Purpose: To evaluate the hydraulic performance of the Dutch Gulch intake structure, transition, conduit, stilling basin and exit channel.

Background: The proposed Dutch Gulch Lake and outlet works will be located on the main stem of Cottonwood Creek about 11 miles west of the town of Cottonwood, California. The outlet works will consist of an approach channel, intake structure, multi level control tower, conduit transition, 1424-ft by 14-ft diameter conduit, stilling basin and exit channel.

Facts: At the request of the U.S. Army Engineer District, Sacramento, a 1:25 scale physical model was designed and constructed at the U.S. Army Engineer Research and Development Center by the Coastal and Hydraulics Laboratory. The model reproduces the Dutch Gulch intake structure, transition, conduit, stilling basin and exit channel. The model was used to evaluate and modify the design and performance of these proposed project features.

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