

**Meter Testing and Replacement Project  
(2017-C-2)**

**Project Ranking**

96%

**Total Estimated Cost:** \$250,000



**Background**

Cachuma Operation & Maintenance Board (COMB) is responsible for accurate reporting of water accounting on behalf of the Cachuma Project Member Agencies to the U.S. Bureau of Reclamation on a monthly basis. The process of water accounting entails recording data from twenty-five meters located along the conveyance system from the North Portal of Lake Cachuma to the Carpinteria Reservoir. In an effort to identify the accuracy of meters within the system, COMB hired Water System's Optimization, Inc. to conduct a system meter evaluation and water audit. The results of the water audit indicated the necessity of replacing several meters in the system.

**Need for Project**

To accurately account for water distribution within sections of the system, certain identifiable meters need to be replaced.

**Description**

This project consist of obtaining a qualified engineer, specializing in determining the appropriate meter type and associated installation requirements given the existing meter's desired function, location in the system and along the conduit, and physical constraints. Once the appropriate type of meter and installation location have been identified, depending upon the complexity, COMB staff will procure and install said meters.

**Regulatory Compliance**

N/A

**Budget & Schedule**

**Internal Staff Estimate**

<b>Fiscal Year</b>	<b>Cost</b>
2017-18 (Phase I)	\$100,000
2018-19 (Phase II)	\$ 50,000
2019-20 (Phase II)	\$ 50,000
2020-21 (Phase II)	\$ 50,000
<b>Total</b>	<b>\$250,000</b>