

**Client Contact:**

**Mr. Walter S. Welton,  
P.E.  
The Consolidated  
Mutual Water  
Company**

**Services Provided:**

- **Consultation**
- **Preliminary Design Review**
- **Construction Observation and Field Testing**
- **Assistance with Final Design Modifications**

**Project Summary:**

Cesare, Inc. (Cesare) provided consultation during design, assistance with State of Colorado permitting, and construction and assistance with services during construction to The Consolidated Mutual Water Company. The dam is a 125-foot high earth embankment located in Jefferson County, Colorado, with a 5,200-foot crest length and approximately 5,000,000 cubic yards of fill with a completed project cost of approximately \$30 million.

Cesare conducted preliminary design review of all plans and specifications prior to State submittal. Cesare was also involved with the evaluation of the State's responses and assisting with final design modifications and submittal. During construction, Cesare provided full-time staff to assist with construction observation and field testing. Cesare also provided senior review and consultation on issues that developed during construction.

