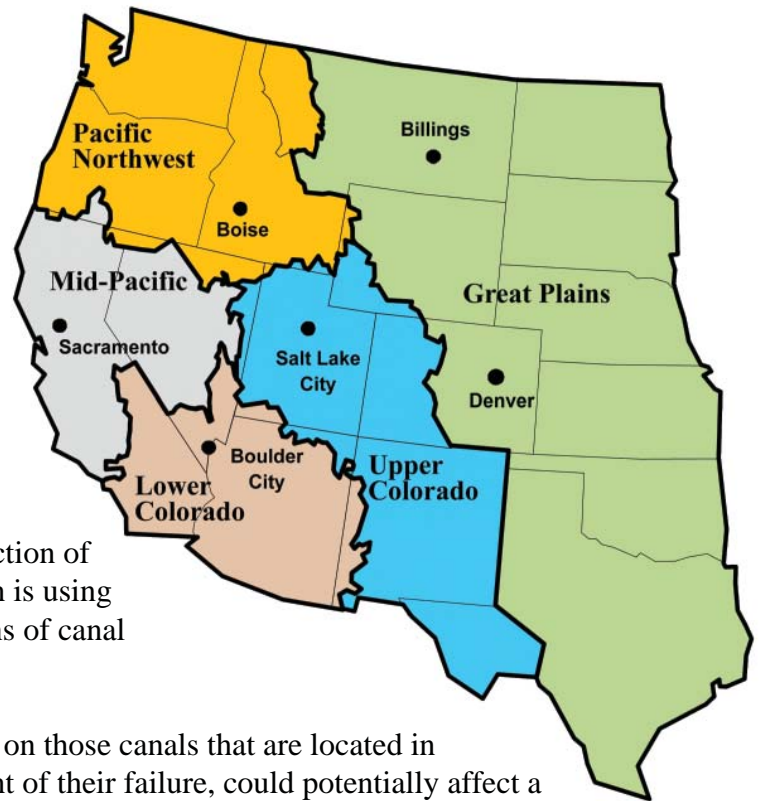


Inspection of Canal Reaches Located in Urbanized

Project Description

Many of Reclamation's canals which were originally constructed in rural areas are becoming surrounded by development and now pose a potential impact to these urbanized areas if one of these canals were to fail. The American Recovery and Reinvestment Act of 2009 (ARRA) provided the Bureau of Reclamation with no less than \$10 million for the purpose of inspection of canal reaches located in urbanized areas. Reclamation is using ARRA funding to perform onsite and aerial inspections of canal reaches located in urban areas.



The initial canal reaches to be inspected will be based on those canals that are located in fill sections or hanging along hillsides that, in the event of their failure, could potentially affect a population-at-risk of greater than 500 and/or have the potential to create greater than \$5,000,000 in property damages. At the completion of the initial inspection activities, Reclamation will determine if additional canal reaches and follow-up inspections are warranted.

Specifically, this project will include the following activities: onsite inspection of identified reaches of canals in urbanized areas; aerial inspections to collect data associated with these areas; analysis of the aerial inspection data; and additional follow-up inspections, as needed, during differing site conditions (i.e., dewatered/low water condition) or to obtain additional data in specified areas.

Project Benefits

- The inspections will provide important data to help ensure that canal reaches continue to provide authorized project benefits and are properly operated and maintained.
- The inspections of canal reaches will benefit the existing Associated Facilities Review of Operation and Maintenance (AFRO&M) Program and provide a basis for determining any long-term requirements and guidance to implement PL-111-11.
- The inspections will provide comprehensive baseline observations and data regarding the condition of these inventoried canal reaches located in urbanized areas.

Project Status

To date, Reclamation has issued the following awards:

1. Onsite inspections award - Basepoint Design Corporation of Aurora, Colo. for \$2,545,952 on Dec. 29,

2009. Basepoint Design Corporation will perform onsite inspections of identified canal reaches in urbanized areas, which total more than 985 miles, throughout the western states. Estimated completion date: November 2010.

2. Aerial inspections awards:

- Aero-Metric, Inc. of Fort Collins, Colo. for \$166,872 on Sept. 27, 2009. Aero-Metric, Inc. completed aerial inspections of approximately 116 miles of identified canal reaches in Arizona and Southern California on Dec. 16, 2009.
- Aero-Metric, Inc. of Fort Collins for \$1,039,837 on May 27, 2010. Aero-Metric, Inc. will perform aerial inspections of more than 946 miles of canal reaches in the western states. Estimated completion date: November 2010.

Budget Information

Recovery funding: \$10 million

For more information

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