

DRINKING WATER STATE REVOLVING FUND



WATER SYSTEM RESILIENCY

State Program:

Oregon Safe Drinking Water Revolving Loan Fund Program

Assistance Recipient:

City of Gold Hill

Project Name:

Seismic Risk Assessment and Mitigation Plan

Initial Agreement Date:

2019



Project Description

The City of Gold Hill, Oregon, used DWSRF assistance to hire a professional engineering firm to complete a Seismic Risk Assessment and Mitigation Plan. The City developed this plan to meet a new state requirement for affected water systems in earthquake zones. This plan included the identification of critical water supply locations and infrastructure, identification of potential seismic geohazards, and a preliminary assessment of facility risk. Additionally, the plan included an evaluation of pipeline fragility, a seismic resilience evaluation report section, and recommendations for Capital Improvement Plan projects or operational changes. This project is a best practice example of how DWSRF assistance can be used to evaluate long-term resiliency. **The total project assistance provided by the DWSRF was \$20,000 with 100 percent principal forgiveness.** The project will benefit 1,254 people.



**DWSRF Assistance
Provided
\$20,000**



**Principal
Forgiveness
\$20,000**

LEARN MORE

Click here to learn more about the [Oregon Drinking Water State Revolving Fund Program](#).

This case study comes from the [Addressing Water System Resiliency with the DWSRF Factsheet](#).