



# STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Brian Sandoval, Governor

Leo M. Drozdoff, P.E., Director

Colleen Cripps, Ph.D., Administrator

## **Public Notice**

### CATEGORICAL EXCLUSION DRINKING WATER STATE REVOLVING FUND LOAN

The Nevada Administrative Code (NAC) in Sections NAC 445A.6758 to 445A.67612, inclusive, outlines the environmental review procedures to be followed by the Division of Environmental Protection (NDEP) to meet the requirements of the National Environmental Policy Act. In accordance with these procedures, NDEP has determined that the project described below is eligible for a Categorical Exclusion and may be exempted from further substantive environmental review requirements.

Project Name: Fayle Reservoir Rehabilitation, AC Pipeline Replacements & Service Lateral Replacements

Project No.: #24 & #63 Year 2015 Priority List

Applicant: Las Vegas Valley Water District

Estimated Drinking Water State Revolving Fund Assistance: \$20,000,000

The Las Vegas Valley Water District is a not-for-profit water supply agency that serves the City of Las Vegas. The projects include:

1. The rehabilitation of the existing 40-million-gallon Fayle Reservoir and electrical upgrades to the existing pump motors and site power. Site improvements will be incorporated into this project to ensure the facility is in compliance with current Clark County code requirements. Following an assessment of the reservoir's structural condition in November 2012, rehabilitation was deemed necessary to meet current statutory standards, state health regulations, and seismic zone requirements. The rehabilitation includes: recoating the steel pipe roof support columns, installing new anchor bolts in the base plates, replacing the tension tie rods, installing a new cathodic protection system, replacing the reservoir floor liner, replacing the roof structure and seals, and improving the pumping station isolation valves. It is anticipated that these upgrades will result in an additional 25 years of service life for the reservoir.
2. Replacement of approximately 18,000 feet of 6" asbestos cement pipelines (installed between 1965 and 1972) with 8" PVC pipelines in residential neighborhoods including: Boston Ave between St. Louise St and Nellis Blvd, St. Louis St between Lamb Blvd and Lamont St, Utah Ave between Arden St and Arlington St, Idaho Ave between Arden St and Arlington St, Ute Ln between Harris Ave and Bonanza Rd, Hopi Ln between Harris Ave and Bonanza Rd, and Navajo Ln between Harris Ave and Bonanza Rd. These lines have degraded 40-50 percent since they were installed due to both soil conditions and higher static pressures, resulting in water loss and high maintenance costs. Replacement of the pipelines is considered the most reasonable and economic solution.
3. Replacement of aging polyethylene service lines installed in the 1980s and early 1990s throughout the Las Vegas Valley. Based on current failures, the service lines have a 25 to 30 year lifespan and are failing at a rate of 2,200 per year. When the service lines fail they can undermine the streets as well as the sidewalks, occasionally creating sinkholes. The Los Prados and Desert Shores master-planned communities are two areas that are experiencing a significant number of failures and this project will complete the replacement of the laterals in these communities.

NDEP has determined that the project is eligible for a categorical exclusion under NAC 445A.67583 (2) (a), rehabilitation of an existing facility, and may be exempted from further substantive environmental review requirements. The project is also eligible for a categorical exclusion under NAC 445A.67583 (2) (e)

because there is sufficient evidence that a significant effect on the quality of the environment is unlikely. Compliance with section 106 of the National Historic Preservation Act will occur before construction begins. Best management practices will be utilized during construction. Documentation to support this conclusion is available for public examination at the office of the Division of Environmental Protection, 901 S. Stewart St., Suite 4001, Carson City, Nevada.

Comments for consideration on this proposed decision must be submitted by August 29, 2014 to:

Michelle Stamates  
Drinking Water State Revolving Fund Program  
901 S. Stewart St., Suite 4001  
Carson City, NV 89701-5405

Comments may be submitted by FAX to (775) 687-9510 or by e-mail to [mstamate@ndep.nv.gov](mailto:mstamate@ndep.nv.gov).  
Questions regarding this notice may be directed to Michelle Stamates at (775) 687-9331.