

Pipeline seismic retrofit work beginning this summer

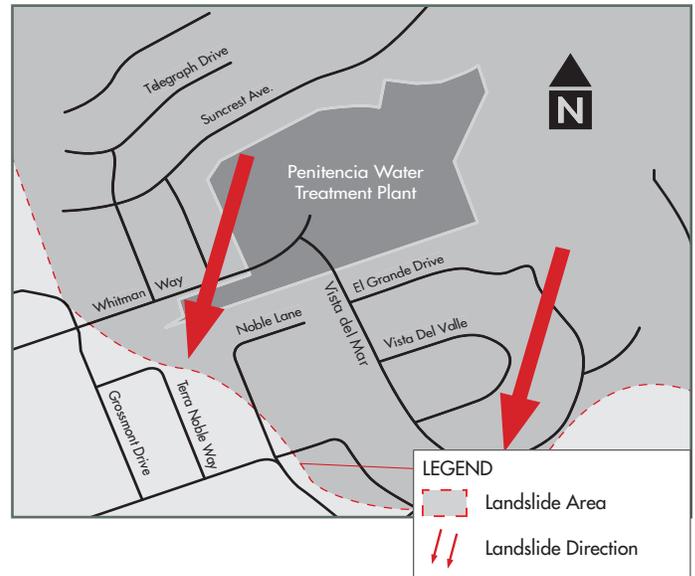
The Penitencia Water Treatment Plant neighborhood will see some heightened activity this summer with the start of construction on two large pipelines that deliver raw water to the Penitencia Water Treatment Plant and one other pipeline that delivers treated water to retailers and residents. These pipelines are called the Penitencia Delivery Main, Penitencia Force Main, and South Bay Aqueduct. The seismic retrofit work will address the landslide and seismic vulnerability of these large pipelines.

The preliminary work is anticipated to start sometime between May and October of this year and will include mobilizing of equipment, delivery of materials, setting up construction trailers and staging areas, tree trimming and tree removal, and some excavation work at the construction site (see red areas highlighted on aerial map on back page). A construction trailer will be located on the corner of Whitman Way and Vista del Mar on water district property.

Construction work to replace the pipelines will begin at the end of October and will be completed by June 2017. Project work hours are 8 a.m. and 5 p.m., Monday through Friday, no weekend work is expected. More detailed information on work activity will be available at a neighborhood meeting scheduled for early June at Noble Elementary School.

During construction, crews will work at the project site using cranes to lift pipeline materials and heavy equipment, backhoes or excavators for excavation work, flatbed trucks, water trucks for dust control, concrete trucks to place concrete, and dump trucks to haul materials.

We do not expect long term road closures since all of the work will occur within water district property; however, there may be instances where the contractor will need to temporarily close a lane on Whitman Way, Noble Avenue or Grossmont Drive to deliver and off load materials.



Decibel (dB) readings from the excavator can be expected to reach 81 dB standing within 50 feet of the equipment. Typical construction noise, up to 85 dB, can be expected during construction work hours. These sound levels are equivalent to passing trucks running at 50 feet away (87dB).

Crews will access the work area off Grossmont Drive and Whitman Way. Safety is a priority for the project so construction traffic on Grossmont Drive will not be allowed during school drop off and pick up hours.

Although efforts will be made to be sensitive to our neighbors, residents should expect noise associated with excavation and general construction work. In consideration of the neighborhood, the water district will monitor ground vibrations and noise during the project to ensure they remain within acceptable levels.

You're invited!

What: Pre-construction meeting for the Penitencia Delivery Main/Force Main Seismic Retrofit Project.

When: Early June - more information to come in your mailbox

Where: Noble Elementary School

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About the project

The Penitencia Water Treatment Plant is on a slow moving landslide, on average about one-tenth to four-tenths of an inch each year. In the past, landslide activity caused these pipelines to fail resulting in damages and flooding. Also, the Hayward Fault runs on a northwest/southwest direction just about 1.2 miles east of the plant.

This area is roughly bordered by Suncrest Avenue to the north, El Grande Drive to the south, Grossmont Drive and Noble Avenue to the west (see map on front page).

These pipelines, used to transport raw water to the plant and deliver treated water to customers, lie across the toe of the landslide and must be able to withstand minimal damage from landslides, earthquakes or both acting together in order to prevent future pipe failures.

More about us

As the county's primary drinking water provider, the Santa Clara Valley Water District ensures the safety and abundance of drinking water. We operate 10 reservoirs which catch local rainfall and we import water from the Sierra Nevada snowmelt through the Delta. Some of that water replenishes the underground aquifer for later pumping from wells and some goes to one of our three drinking water treatment plants. Once we treat and test the water to meet all state and federal drinking water standards, we sell it to local water providers like the San Jose Water Company that resell it to individual homes and businesses. The water supply in some areas in northern Santa Clara County includes Sierra Nevada water imported through San Francisco's Hetch Hetchy system.



CONTACT US

For more information, contact **Ed Morales** at **(408) 630-2880** or **emorales@valleywater.org**, or visit our website at **valleywater.org** and use our Access Valley Water customer request and information system. With three easy steps, you can use this service to find out the latest information on district projects or to submit questions, complaints or compliments directly to a district staff person.



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