



18700 Ward Street  
Fountain Valley, CA 92708  
(714) 378-8244  
www.ocwd.com

Winter 2015/2016

# Injection & Monitoring Well Construction to Begin in January

## Work to Take Place In and Adjacent to Leisure World in Seal Beach

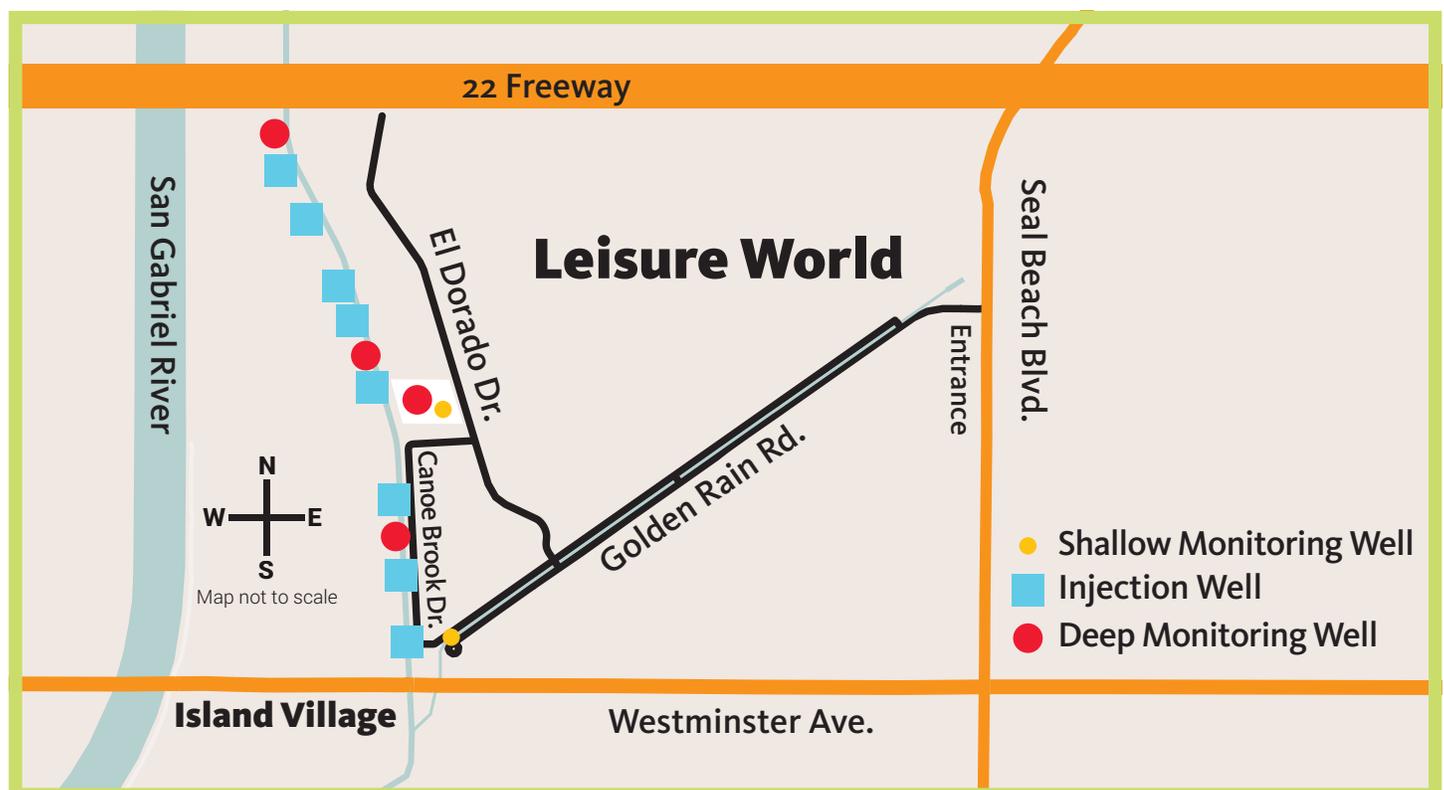
### Project Description:

The Orange County Water District (OCWD) plans to begin work in January 2016 on the Alamitos Barrier Improvement Project. The construction is being done to strengthen the barrier infrastructure that protects the Orange County Groundwater Basin from seawater intrusion along the Los Angeles County-Orange County line.

In order to prevent seawater entering the groundwater supply, one deep monitoring well and two shallow

monitoring wells will be constructed within Leisure World (see map). In addition, 17 injection wells at eight sites, and three monitoring wells, will be constructed along the flood control channel west of Leisure World and east of the Los Angeles Department of Water and Power's Haynes Generating Station.

Construction of the Alamitos Barrier Improvement Project is scheduled to begin in January 2016 and last for approximately two years.





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## Why:

The Orange County Water District manages the vast groundwater basin under north and central Orange County that supplies water to 19 cities and water agencies, serving more than 2.4 million residents. The purpose of the work beginning in January is to improve the seawater barrier infrastructure to meet long-term water supply needs. Injection wells inject fresh water into coastal aquifers to keep seawater out of the basin. Monitoring wells allow staff to collect water levels and groundwater samples for analysis to determine the overall performance of the seawater barrier. Both types of wells are necessary for the OCWD to continue to protect its valuable groundwater resource.

## Project Benefits:

- Prevents seawater from entering the freshwater supply
- Helps monitor and protect our region's safe and reliable water supply
- Ensures ongoing high water quality

## What to Expect During Construction:

OCWD's construction management team will closely monitor construction activities in an effort to minimize impacts to the community as much as possible. In order to minimize noise, sound walls will be installed at the well sites in two locations; one along the flood control channel and one in the parking lot adjacent to Clubhouse 2 inside Leisure World. Please expect the following during this project:

- For the deep monitoring well and two shallow wells installed in Leisure World, construction work hours are generally 8 a.m. to 5 p.m., Monday through Friday. Some nighttime well construction may be necessary, with advance community notification given. Work inside Leisure World is expected to be completed within four to six weeks.
- For the injection and monitoring wells installed along the flood control channel, construction will occur 24 hours a day, and will include some weekends.
- Increased truck/construction traffic
- Heavy equipment, trucks and drill rigs
- Noise, dust and vibrations
- Access to residences, businesses, schools, churches and parks in the area will remain available at all times, however please advise children to stay away from construction areas and equipment for safety purposes.

**For more information, project updates, or to request a project presentation, please call the OCWD Construction Hotline at (714) 378-8244 or email [info@ocwd.com](mailto:info@ocwd.com). You may also visit us online at [www.ocwd.com](http://www.ocwd.com). Si tiene preguntas en Espanol, favor de llamar a (714) 378-8244.**

We are committed to completing this project as quickly as possible. However, this timeframe could change due to inclement weather or other unforeseen circumstances.



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*OCWD sincerely appreciates your patience as we work to protect and monitor the region's water supply.*