

New Inspection Tool Aids Vallecitos Pipeline Assessments

After nearly completing construction in 2008, developers walked away from the 500-acre High Point subdivision. Water facilities installed for the subdivision were left unused for ten years and never accepted into the general system by the Vallecitos Water District (VWD).

Recently, two developers decided to try and complete the project, and approached VWD to determine what is needed to complete water service. The mains for this project were made of ductile iron pipe (DIP). VWD needed to conduct a thorough pipe condition assessment to determine their current status. Infrastructure Engineering Corporation (IEC) and subcontractor PICA (Pipeline Inspection and Condition Analysis) Corporation recently tested the integrity of the water main.

Several processes were included in the High Point Pipeline Assessment project. Crews inserted a tool developed by PICA Corporation called a “See-Snake” into the pipeline, and gathered data showing the condition of the pipes. The See-Snake used an electromagnetic method on iron pipes, which can “see” past cement mortar, epoxy, or polyethylene lining to any actual damage to the iron structure of the pipe itself.



PICA Corporation's "See-Snake" tool.

The See-Snake tool was pulled through the pipe at 17 feet per minute, delivering data as the inspection was being performed in real-time. The technology expedites information gathering, saving time and money by accelerating the process without sacrificing attention to detail. VWD was then able to assess the pipeline's wall thickness, potential iron loss, and other anomalies to determine the condition of the existing pipeline.

Over time, pipelines are exposed to corrosion from aggressive soils, electrical currents, physical force, or other factors. The result from corrosion could be a pipeline break interrupting water service, losing water supplies, and incurring monetary losses.

The inspection has been completed, and a full report is forthcoming. The initial review discovered two badly corroded areas of pipeline, and excavations verified the accuracy of the data. As VWD continues to test the new process and the accuracy of the data, we will determine whether to adopt the new technology for future working pipeline assessments.



Enter our WaterSmart Landscape Contest!

[Vallecitos participants needed. Send in your application now.](#)

Be recognized for your work in water conservation and neighborhood beautification – enter the contest. This annual competition rewards water-efficient landscapes created by customers of Vallecitos Water District and other water agencies throughout San Diego County.

[Go to www.landscapecontest.com to apply.](http://www.landscapecontest.com)

Vallecitos Water District's top three winners receive gift certificates to a local nursery.
Staff can assist you with your application!
Call (760) 752-7120 for help.



Proud of Your Water-Efficient Yard?
Enter for a Chance to Win!

Basic Judging Criteria

- Overall Attractiveness
- Efficient Methods of Irrigation
- Design
- Appropriate Plant Selection & Maintenance

Deadline April 27, 2020
Valuable Prizes and Winners from Each Participating Agency

For details on eligibility requirements, how to apply and more, visit landscapecontest.com or contact your local water agency.

WaterSmart Landscape Contest

VALLECITOS WATER DISTRICT
Water and Wastewater Specialists since 1955



Vallecitos Public Information Department Wins Video Awards from California Water Environment Association



On January 20, 2020, Vallecitos was presented with two awards by the California Water Environment Association (CWEA) San Diego Section for “Community Engagement and Outreach Award for Best Use of Social Media” and “Community Engagement and Outreach Award for Film Festival (Semi-Pro).” The video then garnered a 2nd Place Award and a 3rd Place Award at the CWEA State level.



Imagine a Day Without Water

Watch the video here:

<http://www.bit.ly/VWDImagine>

Do we have your current phone number on file?



EMERGENCY

In an Emergency

When Vallecitos has a water outage, we attempt to contact customers by phone using the most current phone number in our billing system.

If you've changed your phone number or use your cell phone as your primary phone, it may be time to update your phone number in our system. To update your number, please call our Customer Service Department at (760) 744-0460 to make this change.





201 Vallecitos de Oro
 San Marcos, CA 92069
 (760) 744-0460
www.vwd.org



Between the Pipes is a publication of information and interest to Vallecitos water and sewer customers. If you receive water or sewer services from another district, please disregard any information that does not apply to you.

PRSR STD
 US POSTAGE
 PAID
 SAN DIEGO CA
 PERMIT 906

ECRWSS

Management Staff

Glenn Pruiam, General Manager
 Rhondi Emmanuel, Administrative Services Manager
 Ed Pedrazzi, Operations and Maintenance Manager
 James Gumpel, District Engineer
 Wes Owen, Finance Manager

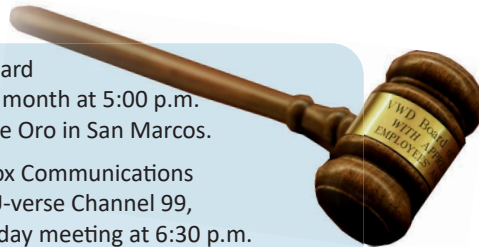
Postal Customer



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 or follow us on Twitter
 @vallecitoswater

The public is welcome to attend the Vallecitos Board Meetings the first and third Wednesday of each month at 5:00 p.m. in the Administration building—201 Vallecitos de Oro in San Marcos.

Meetings are also aired on San Marcos TV on Cox Communications Channel 19, Time Warner Channel 24 or AT&T U-verse Channel 99, which air on the Monday following the Wednesday meeting at 6:30 p.m. Visit www.san-marcos.net/smtv for programming schedule.



Free Movie Night Friday, March 20, 2020

Vallecitos, in partnership with the San Diego County Water Authority, invites customers to attend a free showing of

THE BIGGEST LITTLE FARM.

"The Biggest Little Farm" chronicles the eight-year quest of a couple as they trade city living in Los Angeles for 200 acres of barren farmland and a dream to harvest in harmony with nature.

When: Friday, March 20, 2020
 Where: 201 Vallecitos de Oro
 San Marcos, CA
 Time: 6:30 p.m. - 8:30 p.m.
 Free: Popcorn and drinks



To watch the movie trailer or to register to attend, go to www.vwd.org/BiggestLittleFarm.



**San Diego County
 Water Authority**
 Our Region's Trusted
 Water Leader