

JANUARY-FEBRUARY 2023

# Helix Highlights



## 2022 in Review

*Infrastructure* describes the physical systems we use and rely on every day to bring water to you. Last year, Helix reinvested \$16.1 million in our water treatment and distribution infrastructure, laying the groundwork for the next 75-100 years. Here's a sample of our work.



### PIPELINES

We pulled electromagnetic detectors (see photo) through 12,000 feet of the 36-inch diameter pipeline that delivers water from the Colorado River and Northern California to the R.M. Levy Water Treatment Plant in Lakeside. The detectors measure the pipe wall and identify weak points, facilitating faster, more precise and less expensive repairs. Based on the data, we replaced 805 feet of pipe and installed 34 steel plates and 10 new access manways.



### WATER STORAGE TANKS

We inspected and repaired eight of the 25 water storage tanks we operate last year, and completed the rehabilitation of Tunnel Hill Tank (see photo). We increased the height of the tank, installed an aluminum dome roof and recoated the interior and exterior of the tank. The new roof will minimize corrosion and decrease maintenance time over the next 50-60 years. Watch for the release of the project video.

[Go to hwd.fyi/tunnelhill](https://hwd.fyi/tunnelhill)

### TECHNOLOGY UPGRADES

- Network monitoring
- Enterprise GIS
- Enterprise integration
- Firewall infrastructure
- Wireless infrastructure

### WATER TREATMENT

We maintained 100% production levels at the treatment plant while completing five system reconfigurations.

### WATER DISTRIBUTION

We replaced 11,560 feet of cast-iron pipeline and surveyed 14,728 feet of pipeline route for design.

## New in 2023

### Check Outages Map

We have a new interactive map on [hwd.com](https://hwd.com) where customers can check on the status of water outages. Hover on the "I Want To" menu link and click on "Check Outages Map".

Unplanned

Planned

Click "Unplanned" for the status of a water main break or "Planned" to see outages related to maintenance and construction.

Zoom to



Location	Primrose Dr & Poppy St
Start Time	12/7/2022, 8:00 AM
Estimated Completion	12/7/2022, 6:00 PM

Click a location in the Outage Areas list, or a pin on the map to see the start time and estimated end of the outage, and the affected addresses.



Click the Search icon to look up an address. Click the Home icon to return to the start page and the full list of outage areas. Click the four squares icon to change the map background. Satellite view is available.



Click the menu icon in the upper right corner of the window for our outage map for smartphones and to link back to [hwd.com](https://hwd.com).

[Explore at hwd.com](https://hwd.com)



### See What Else We Accomplished in 2022

Our *Annual Report for Fiscal Year 2021-22* is easy to browse, full of photos and a good way to learn how and where we invest your water bill. Take a look!

[Go to hwd.fyi/report](https://hwd.fyi/report)

MARCH-APRIL 2023

# What's Going On



## Lake Jennings



### A New Way to Explore the Lake

Lake Jennings' new Krystal Kanoes are made out of the same material used for airplane windshields, and you can see through the bottom of the Kanoes into the lake. They seat two people and rent for \$25/hour, Friday through Sunday.

Go to [lakejennings.org](https://lakejennings.org)

## Landscaping



### April 1-2 / Native Gardens Tour

The California Native Plant Society - San Diego will host their 9th Annual Garden Tour April 1-2. The tour will feature native gardens in Encinitas, Escondido and San Marcos.

This annual event is a self-guided walk through public and private gardens, with homeowners and docents ready to answer your questions. Gardens on the tour contain 60% or more native plants, need little to no pesticides or fertilizer, and are drought tolerant.

For information and tickets go to [hwd.fyi/gardentour](https://hwd.fyi/gardentour)



Go to [lakejennings.org/events](https://lakejennings.org/events) or call 619-443-2510

### March 1 - May 31 / Spring Photo Contest

Enter your three best photos of Lake Jennings, from camping to kayaking to the wildlife that call the lake home.

### March 10 / Bait Shop Hours Change

The bait shop will be open 6 a.m. - 7 p.m. Friday to Sunday.

### March 18 & April 22 / New Moon Fishing

New moon means no moon and a sky made for stargazing. We'll keep the lake open until 10 p.m.

### March 18 & April 22 / Fireside at the Lake

Rent a firepit in Hermit's Cove from 6 p.m. to 9 p.m. We'll provide the firewood and Adirondack chairs and you bring the marshmallows.

### March 31 - April 16 / Spring Break

We'll be open 8 a.m. - 5 p.m. Monday to Thursday and 6 a.m. - 7 p.m. Friday to Sunday.

### April 6 / National Walking Day

We'll be open 8 a.m. - 5 p.m. and have annual day use passes on sale.



Learn more and register for these FREE, 3-hour workshops at [hwd.fyi/workshops](https://hwd.fyi/workshops)

Landscaping Workshops - Wednesdays @ 5:30 p.m. on Zoom.com

**February 15 / Plan Ahead: Soil and Site Assessments**

**February 22 / Design: Shape Your Space**

**March 1 / Plants: Inspiring Choices for Our Region**

**March 8 / Water and Irrigation: Utilizing a Precious Resource**

**March 15 / Installation and Maintenance: Protecting Your Investment**

Landscaping Workshops - Saturdays @ 9 a.m. in person (location TBA)

**March 18 / Plan Ahead: Soil and Site Assessments**

**March 25 / Design: Shape Your Space**

**April 1 / Plants: Inspiring Choices for Our Region**

**April 8 / Water and Irrigation: Utilizing a Precious Resource**

**April 15 / Installation and Maintenance: Protecting Your Investment**