

H₂WHOA!

Tapping a century of innovation

Workers feed earthquake-resistant pipe into a borehole in Alameda.

The spirit of innovation runs deep at EBMUD.

A century ago, we built the world's highest concrete arch dam and a gravity-fed aqueduct system to convey snowmelt 90 miles to the people of the East Bay. In the 1950s, our wastewater treatment plant transformed the health of the San Francisco Bay and, in 2012, we turned that plant into North America's first to produce more renewable energy than is needed to run the facility.

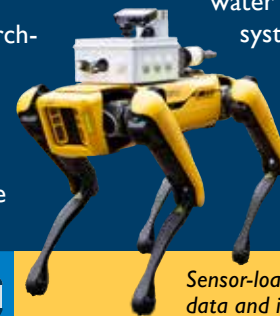
Today we're developing advanced pipeline materials, using cutting-edge tech, and producing green energy to propel our work and support our mission.

EBMUD has partnered with UC Berkeley to establish the Center for Smart Infrastructure (CSI) to drive innovation that addresses challenges our communities face due to climate change, aging systems and natural hazards like earthquake faults. From testing new kinds of pipe, to using remote sensors to survey dams, we're developing better ways to operate reliably and sustainably.

In June, EBMUD engineers and CSI researchers deployed a sensor-loaded robot during a water tunnel inspection in Oakland. Such technology can help us safely assess critical infrastructure and collect deeper levels of data than possible by human inspection alone.

Earlier this year, EBMUD fed 3,000 feet of flexible, earthquake-resistant water transmission pipe 160 feet beneath the Oakland Estuary to serve the island city of Alameda through a borehole excavated with an innovative horizontal drilling technique. The result is vastly improved reliability for this vital water lifeline.

By innovating for the best solutions, your water and wastewater systems are more reliable, resilient, safe and sustainable – so you won't have to think twice when you turn on the tap.



Sensor-loaded robots collect valuable data and improve worker safety.



Better together

At EBMUD, we're striving to develop a workforce as vibrant and diverse as the Bay Area.

We have a responsibility to build and cultivate an inclusive and equitable organization of highly talented people and to create opportunities for them to deliver their – and our – best work. We believe a diverse organization sparks creative insights, better solutions, and ultimately, greater efficiencies.

EBMUD has long prioritized these goals, but there is always more to do. In 2022, EBMUD adopted its Diversity, Equity and Inclusion Strategic Plan that includes cultural competency training, a re-examination of recruitment processes and steps to identify career pathways. As part of EBMUD's social responsibility and efforts to diversify the workforce, we continue to work with community partners to provide high school and post-secondary training opportunities through internship programs. These programs prepare participants, including from underrepresented communities, for potential employment in the water and wastewater industry.

These efforts not only advance our Diversity Plan, but also EBMUD's public service mission and our core values of Stewardship, Integrity, Respect, and Teamwork. As a local public agency with 100 years of history, we're proud to reflect the community we serve and provide an environment of belonging and inclusiveness.



WANT TO JOIN EBMUD'S HIGH-PERFORMING WORKFORCE DEDICATED TO PUBLIC SERVICE, INNOVATION, AND BUILDING A CULTURE OF INCLUSION AND BELONGING? VISIT [EBMUD.COM/JOBS](https://www.ebmud.com/jobs).

INTERNSHIPS: Each summer, EBMUD welcomes high school students to participate in internship programs. Interns receive mentorship, gain job experience and explore career pathways.

"The EBMUD internship has been an eye-opener for me. The amount of professions involved is truly amazing. As I come home every day and turn on the faucet, I think about how difficult it is for that water to get delivered to my house. This internship has made me love and appreciate the water we so easily take for granted."

– Tina, 2023 EBMUD high school summer intern

From left: Senior Construction Inspectors Terriane Reed and Jack Alexan with EBMUD high school summer interns José, Hannah, Tina and Jahmaya during a site visit to San Pablo Reservoir.



P.O. Box 24055 • Oakland, CA 94623
1-866-403-2683
www.ebmud.com

EBMUD Mission Statement

To manage the natural resources with which the District is entrusted; to provide reliable, high-quality water and wastewater services at fair and reasonable rates for the people of the East Bay; and to preserve and protect the environment for future generations.

Connect with us:



 Printed on recycled paper