

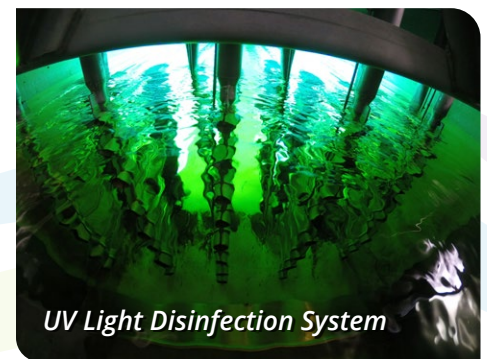
INSIDER

September 2024

Ironhouse and Diablo Water District Create Reliable Water Source in Oakley and Bethel Island

Ironhouse Sanitary District (Ironhouse) has partnered with Diablo Water District (DWD) to explore the feasibility of advanced purified water. Advanced purified water is groundwater, surface water, or recycled water cleaned through an advanced water treatment system that produces high-quality drinking water.

Ironhouse's shared vision for the future includes exploring the addition of recycled water and alternative water sources to ensure that DWD can meet customers' water demands, even during extended drought periods. Researching advanced purified water as a potential alternative future drinking water supply source aligns with DWD's commitment to a sustainable water supply while keeping water costs affordable to their customers.



The State Water Resources Control Board (SWRCB) adopted new regulations allowing for advancements in Direct Potable Reuse (DPR) treatment plants. DPR transforms treated recycled water into high-quality advanced purified water through a multi-barrier process that separates water molecules from pollutants through a series of purification processes that yield high-quality water that is safe for drinking. The purification system includes some of the most advanced, proven technologies used in water treatment, such as reverse osmosis and advanced oxidation (hydrogen peroxide plus ultra-violet light disinfection).



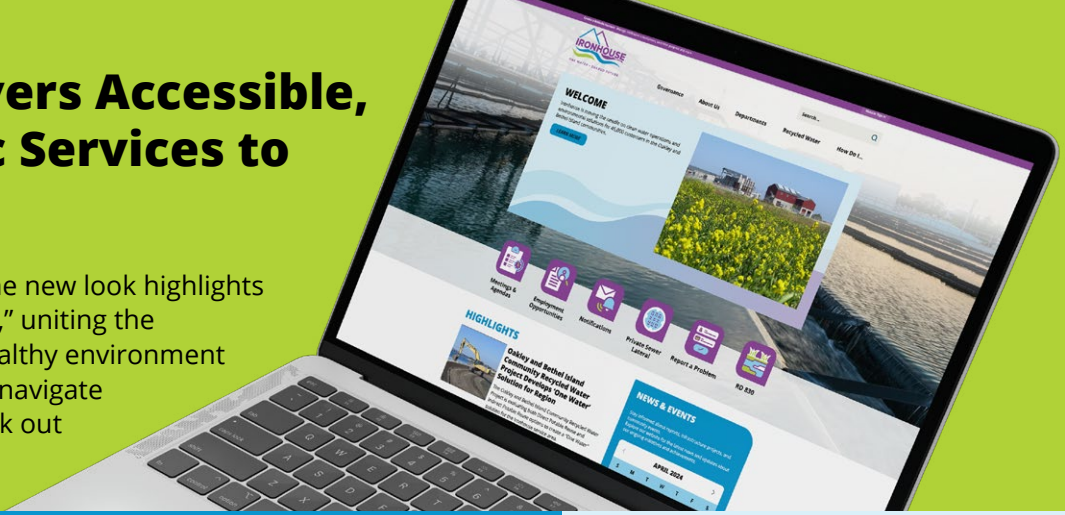
Ironhouse and DWD received a \$3 million grant from USEPA for the designing, permitting, regulatory compliance, and environmental determination of Phase One of the joint Recycled Water Project. The partnership will create a new demonstration treatment facility, managed and operated by DWD, to evaluate drinking water treatment technologies while providing a space for the public to see the process and taste the final purified water. The project will also fund demonstration gardens where the landscaping will be irrigated with recycled water produced by Ironhouse.

We hope to provide a blueprint for addressing the increasing needs of climate variability and a growing population. Benefits include mitigating impacts on the sensitive Sacramento-San Joaquin River Bay Delta while maximizing the use of our recycled water.

Ironhouse is proud to collaborate with DWD to realize our joint resource stewardship goal of creating "one water."

New Website Delivers Accessible, Transparent Public Services to the Community

Have you visited our new website? The new look highlights our goal of “one water, shared future,” uniting the community under the banner of a healthy environment for all. We hope you find our easy-to-navigate interface bright and welcoming. Check out ironhousesanitarydistrict.com



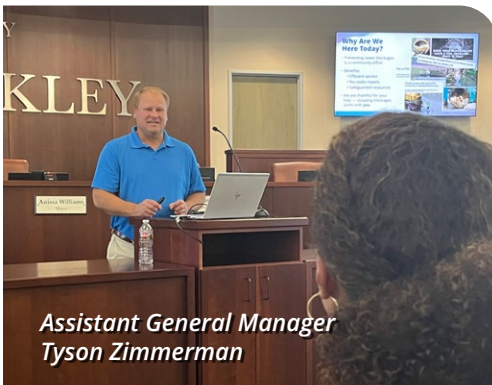
Sewer Maintenance



Ironhouse Teaches Community How to Protect Their Pipes at Local Workshop

Ironhouse Assistant General Manager Tyson Zimmerman led a public workshop on safeguarding pipe systems at the City of Oakley City Hall on July 18.

Preventing sewer blockages is a community effort, and stopping blockages starts at home. Attendees learned how fats, oils, or grease (FOG) — a byproduct of cooking meats and high-fat foods — can solidify in drains. Fortunately, Ironhouse offers a FOG drop-off station! The District recycles the collected FOG into biodiesel.



*Assistant General Manager
Tyson Zimmerman*

The presentation also dispelled the myth of “flushable wipes,” detailing how these products take longer to break down when compared to toilet paper. Ironhouse employees remove wipe debris from pumps more than 40 times per month!

Ultimately, the presentation helped ensure efficient service, protected resources and prevented costly repairs.

Concept Rendering



Mobile Classroom Coming Soon to Your Neighborhood

Ironhouse is creating a mobile trailer classroom to bring wastewater, recycled water and groundwater science demonstrations to you in the new year! Schools and other public institutions will be able to invite Ironhouse for a mobile tour full of educational activities for children. Interactive components such as projectors, video screens and games make the experience fun for all.

Stay tuned for future updates!



Recycled Water Fill Station

Hours of operation:

Monday - Thursday, 6 a.m. - 5 p.m., Friday, 6 a.m. - 4 p.m.

The Recycled Water Fill Station will close for the season on November 8, 2024 and reopen in early Spring 2025.

Our Recycled Water is **FREE** for Oakley and Bethel Island residents. Help conserve drinking water and make an appointment to sign-up for the Ironhouse Recycled Water Fill Station today!

Email is outreach@isd.us.com or call 925-625-2279
Learn more at IronhouseSanitaryDistrict.com



Pick up a free yard sign while you're filling up!

Ironhouse Welcomes New General Manager Jean-Marc Petit

Jean-Marc Petit, a well-respected wastewater industry veteran, will serve as Ironhouse's new General Manager. With nearly four decades of experience in the field, Petit offers the expertise and strategic vision necessary to bring Ironhouse into the future.



Petit will prioritize enhancing resiliency within our systems and partner with regional and federal agencies to enrich our community. He will direct Ironhouse in providing clean water solutions for more than 47,000 residents and businesses in the City of Oakley and unincorporated Bethel Island.

Petit's accomplished career includes his role as Wastewater Business Class Leader at HDR Engineering, Senior Vice President at CDM Smith, Director of Engineering and Technical Services at Central Contra Costa Sanitary District, and a 15-year tenure at Carollo Engineers, working his way up from Senior Project Manager in Denver to Vice President here in the Bay Area.

Petit embodies Ironhouse's core values of stewardship, innovation and community trust, and we cannot wait to see how he applies these values in his service to the region and the District.



Ironhouse Sanitary District
450 Walnut Meadows Drive
Oakley, CA 94561

**Emergency 24/7 contact number
925-625-2279**

Scan to sign up for
even more great
Ironhouse news



Ironhouse Staffer Recognized for Volunteer Efforts and Professionalism

Ironhouse's Collection Systems Superintendent Louis Solana received the California Water Environment Association (CWEA) PICK award at this year's AC24 Conference and Expo in Sacramento.

The award recognizes the recipient's volunteering efforts as part of the CWEA Collection Systems Committee along with consistent professionalism, ingenuity, contribution, and knowledge amongst their peers. This is the second year Solana has received the award.

"I am extremely honored and humbled to be acknowledged for the second time by CWEA," said Solana. "The organization sets important standards for all of us in the wastewater industry and it is a privilege to help set an example within the Ironhouse family."



*Collection Systems Superintendent
Louis Solana*