



USD

TRI-CITY WASTEWATER

TREAT
PROTECT
PRESERVE

EST. 1918

Fall 2022

BUILDING THE FUTURE:

USD'S ETSU PROJECTS BEGIN

The Enhanced Treatment and Site Upgrade Program (ETSU), supporting the next 40 years of reliable, cost-effective service to the Tri-Cities, is underway. The District began construction on the first phase (1A) projects in March 2022 with the \$120 million Aeration Basins Modifications project - this will modify and upgrade existing basins and add a new basin at our Union City treatment facility.

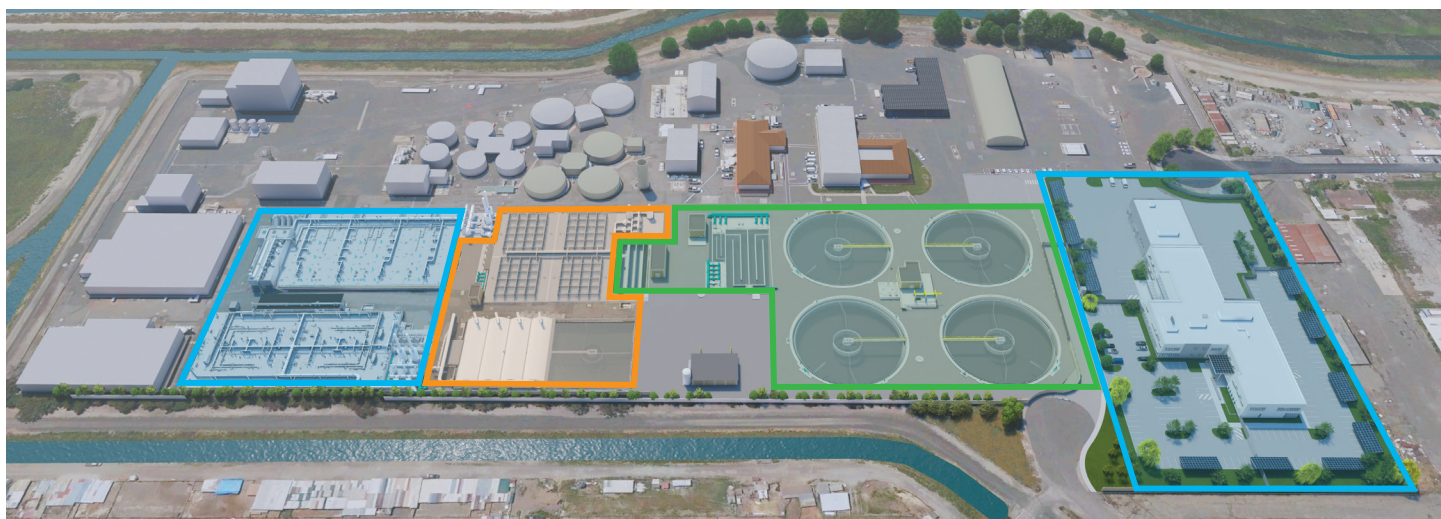
Aeration basins are large tanks where air is introduced into wastewater to promote growth of beneficial microorganisms that break down organic materials in the water, just as they do in nature. The basins accelerate the natural process, enabling USD to treat vast quantities of wastewater reliably and efficiently.

Construction of a new Campus building is scheduled to begin Fall 2022. Analyses of USD's existing operations, maintenance, and administration buildings determined the most cost-effective option




to address their deficiencies is combining those functions under one roof. This \$76.4 million project's consolidation and relocation of functions will allow for optimal operation and layout of future treatment processes, reducing energy consumption and ongoing treatment costs.

With support from our federally elected Senators and Congressional Representatives, USD received a \$250 million low-cost loan from the U.S. Environmental Protection Agency. The District also secured \$110 million in bond funding for the program. USD continues to search for low-cost financing for the subsequent ETSU phases (1B/1C) to help keep rates as low as possible for customers.

Our essential 24/7 services will continue during construction. Want more details about ETSU? View an animated "flyover" video illustrating the entire Phase 1 program on our website: unionsanitary.ca.gov/etsu.

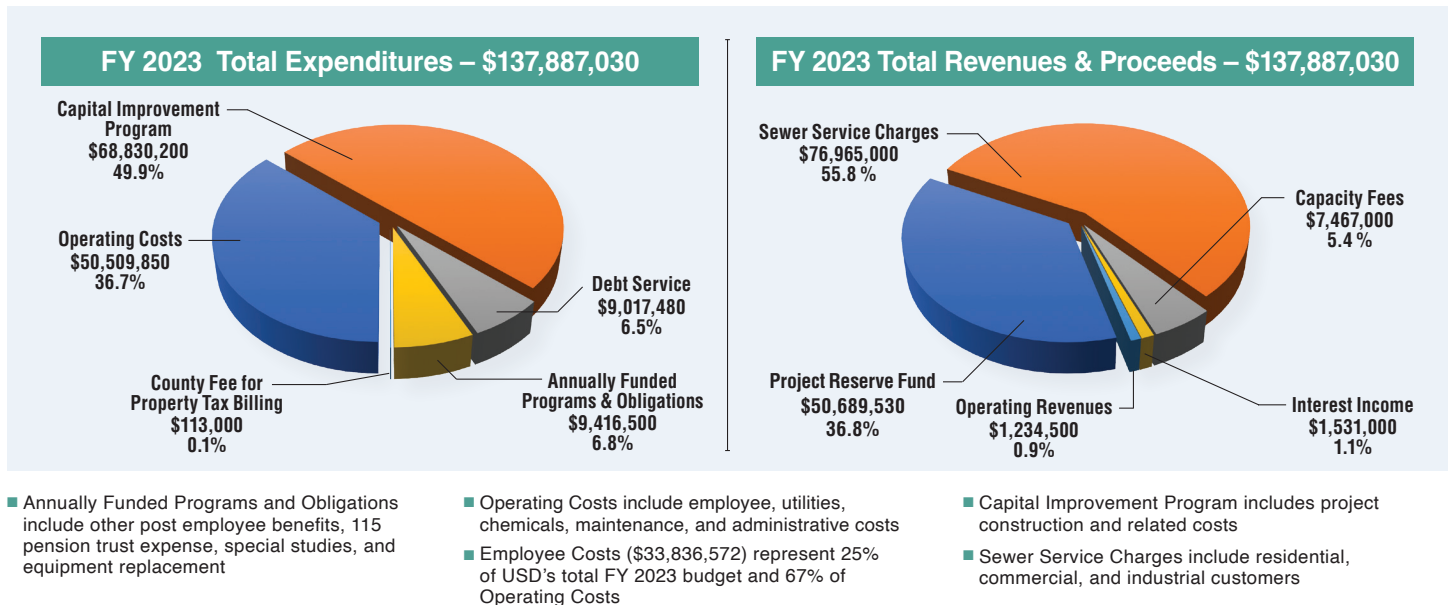


USD's Enhanced Treatment and Site Upgrade (ETSU) Phase 1 Projects

- | | | |
|---|---|--|
|  Phase 1A
Aeration Basin Modifications
Campus Building |  Phase 1B
Secondary Clarifiers
Effluent Facilities |  Phase 1C
Plant Equalization Storage |
|---|---|--|

BUDGET IN BRIEF

USD provides wastewater collection, treatment, and disposal services to over 344,000 residents in the Tri-Cities. The District manages 839 miles of sewer lines, seven pump stations, and the buildings and equipment at the 33-acre treatment plant in Union City. Through careful fiscal planning, we ensure responsible maintenance of these public assets and reliable service to customers at the lowest feasible rates.



COURTESY RATE ADJUSTMENT NOTICE:

FISCAL YEAR 2023 SEWER SERVICE RATES

On May 11, 2020, the District's Board of Directors held a public hearing and adopted Ordinance 31.40, which established sewer service charges for Fiscal Years 2021 through 2025. Prior to the public hearing, the District participated in a public workshop and mailed a notice of the public hearing and informational brochure to all property owners in the service area.

Annual sewer service charges are collected on the Alameda County property tax roll. The charges appear on the tax statement as a single line item and are listed as "Union Sewer Svc." Sewer service charges are not a property tax and are not related to the assessed value of a property. They represent a charge for a service provided. The District includes the annual charges on property tax statements to save the administrative cost of generating and mailing separate invoices.

	Last Year's Rate FY 2022	This Year's Rate FY 2023
Residential (\$ per Dwelling Unit)		
Single Family Residences (per Unit)	\$490.93	\$530.21
*Multiple Family Residences (per Unit)	\$432.63	\$467.24
Commercial (\$ per 1,000 gals)		
Strong	\$13.53	\$14.61
Moderate	\$6.54	\$7.07
Weak	\$5.49	\$5.93
Fast-Food Restaurant	\$13.63	\$14.72
Full-Service Restaurant	\$13.65	\$14.74
Industrial		
Volume (\$/1,000 gals)	\$3.22	\$3.48
COD (\$/1,000 lbs)	\$365.98	\$395.26
Suspended Solids (\$/1,000 lbs)	\$982.69	\$1,061.30
Minimum Charge for non-residential customers	\$432.63	\$467.24

*Examples of multiple family residential dwelling units include condominiums, townhomes, and apartments

USD's Fiscal Year is defined as July 1 through June 30

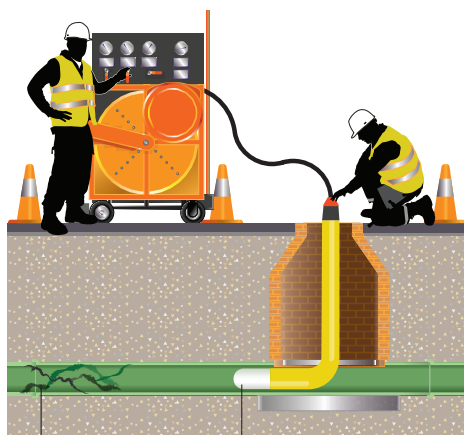
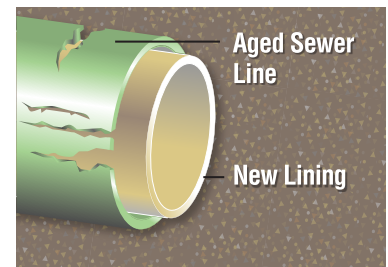
The adjacent table depicts last year's rates and the new rates for FY 2023. If you have any questions, call the District at (510) 477-7500 or email: rates@unionsanitary.ca.gov.

TRENCHLESS TECHNOLOGY:

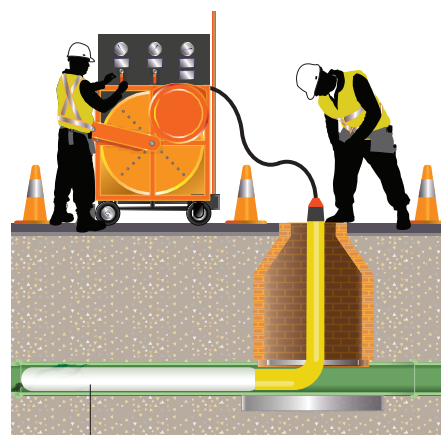
REDUCING IMPACTS TO CUSTOMERS

USD uses trenchless technology to reduce impacts to customers and commuters when rehabilitating sewer lines under city streets. Instead of closing streets for days or months to excavate for traditional “dig and replace” pipe repairs, cured-in-place pipe technology (CIPP) allows the street to remain open with minor traffic control during each project.

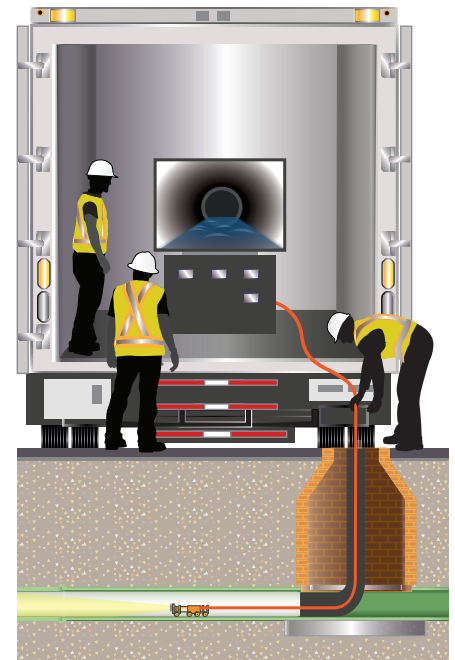
CIPP rehabilitation uses very strong fabric-like material saturated with resin. Wastewater flow is temporarily restrained upstream while the material is inserted into a manhole and pulled through the existing sewer. We then expand it to take the shape of the older pipe. The resin cures and forms a tight-fitting, jointless, and corrosion-resistant replacement pipe, adding decades of useful life to the pipeline. Laterals are restored using robotically controlled cutting devices and the sewer is inspected before it is returned to service.



Aged Sewer
Resin-saturated tube is inserted into existing sewer



Tube is expanded, resin cures to form a “pipe within a pipe”



New sewer pipe is video-inspected and laterals are restored

DID YOU KNOW?

NEW “DO NOT FLUSH” LABEL:

KEEP ALL WIPES OUT OF YOUR PIPES

Beginning July 1 this year, a new state law requiring a “Do Not Flush” symbol and warning on diaper, cleaning, cosmetic, and other disposable wet wipes packages went into effect and will be phased in over the next several months. Packaging with that symbol (pictured here) tells customers the wipes inside are not flushable – they are meant to be disposed in the trash.



USD recommends ALL wipes be disposed in the trash – even those labeled flushable. Wipes don’t break down like toilet paper. They can bunch up and catch on roots and grease in your lateral, leading to costly, messy backups. In addition, some wipes contain plastic fibers that can shed when flushed. These tiny fibers can harm the environment by contributing to microplastics pollution in our waterways. Protect your property and the environment by trashing ALL wipes.

Find USD on
Social Media



USD posts tips for keeping your sewer healthy and protecting the environment on our Facebook page and @usdtweets, plus news about our activities in the Tri-Cities. **Follow us for online info.**



USD

TRI-CITY WASTEWATER

5072 Benson Road
Union City, CA
94587-2508

PRESORTED
STANDARD
US POSTAGE
PAID
SACRAMENTO, CA
PERMIT NO 604

ECR WSS

USD'S NEW LOOK AND NICKNAME: SAME GREAT SERVICE

Union Sanitary District has treated wastewater while protecting and preserving public health and the environment for its Tri-City customers since 1918. We're proud of 104 years of safely and reliably providing these essential services. The District evolved as the Tri-Cities grew and smaller agencies consolidated with USD, but one thing consistent throughout our history is confusion about our name. We're often asked whether we are the garbage company or other agency, with very few customers correlating our name with the actual services we provide. USD is a California Independent Special District, collecting and treating wastewater for Fremont, Newark, and Union City residents, businesses, and industries, then returning cleaned water to the environment.

To clarify who we are, what we do, and the area served, we've updated and refreshed USD's brand as shown below. We hope you like our new and improved look as we continue to provide the same great 24/7 service to the Tri-Cities!



USD
TREAT
PROTECT
PRESERVE
est. 1918
TRI-CITY WASTEWATER

BOARD OF DIRECTORS

Anjali Lathi, *President*
Fremont

Manny Fernandez, *Vice-President*
Union City

Jennifer Toy, *Secretary*
Fremont

Tom Handley
Fremont

Pat Kite
Newark

EXECUTIVE MANAGEMENT

Paul Eldredge
General Manager

Mark Carlson
CFO/Business Services Manager

Raymond Chau
Technical Services Manager

Armando Lopez
Treatment & Disposal Services Manager

Jose Rodrigues, Jr.
Collection Services Manager

Robert Simonich
*Fabrication, Maintenance,
& Construction Manager*

UNION SANITARY DISTRICT'S MISSION:

To safely and responsibly collect and treat wastewater, and to recover resources from process waste streams, while protecting human health and improving the environment in a way that benefits the Tri-Cities and all USD stakeholders.