



UNION SANITARY DISTRICT

PROTECTING THE TRI-CITIES AND SAN FRANCISCO BAY

Fall 2021

BREAKING GROUND ON THE FUTURE:

USD'S ETSU PROJECTS

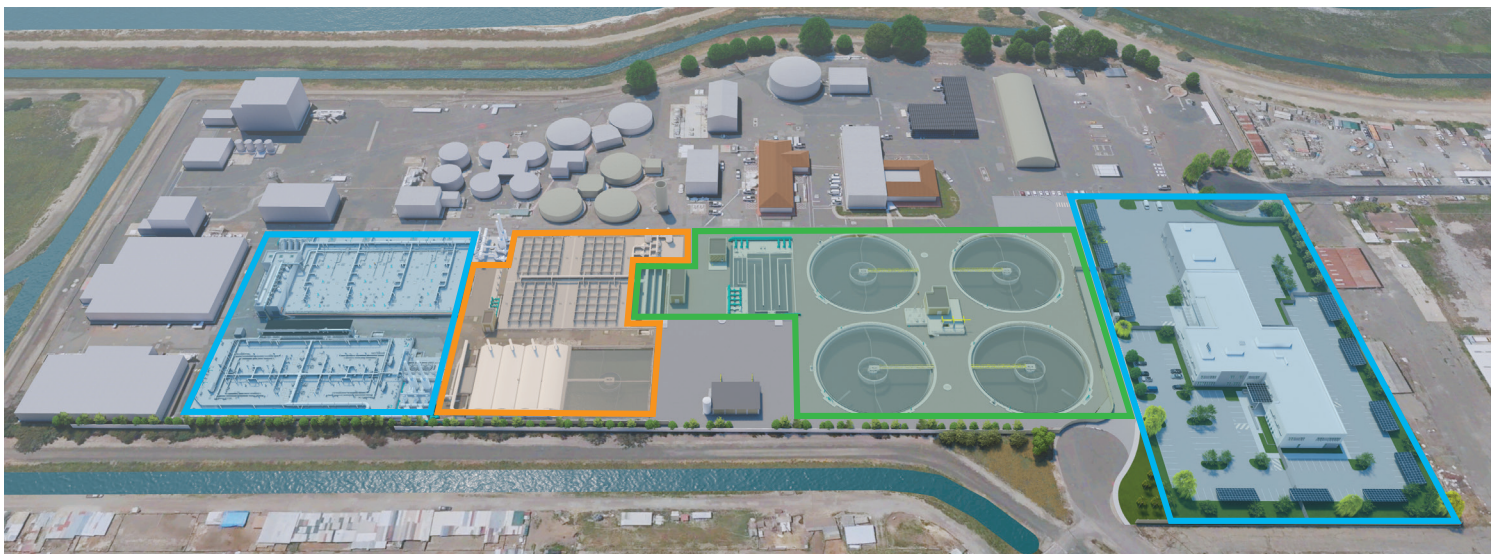
The largest capital improvement program in Union Sanitary District's history will soon be underway at the Union City wastewater treatment facility. USD's Enhanced Treatment and Site Upgrade Program (ETSU) Phase 1 Projects are scheduled to begin construction in late 2021, launching a program that will ultimately support the next 40 years of reliable and cost-effective service to the Tri-Cities. The projects will renew and replace aging infrastructure, improve water quality in the San Francisco Bay through enhanced wastewater treatment processes and nutrient removal, and increase the facility's resiliency to extreme wet weather events and climate change.

USD's treatment plant will be a busy location as Phase 1A, 1B, and 1C projects are under construction (at times simultaneously), but the District's essential

24/7 service to customers will continue every day as it has for over 100 years.

The ETSU Program is the result of thorough evaluations of infrastructure investment needs initiated in 2015. Many options were examined to ensure the best value with only the most critical projects moving forward. Phases are prioritized for maximum performance, efficiency, and cost-control. USD is excited to launch these vital projects exemplifying the District's commitment to protection of public health and the environment while providing dependable service at the lowest rates possible.

Want more details about ETSU? An animated "flyover" video demonstrating the planned improvements and an informative Progress Dashboard can be viewed on USD's website at 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

COURTESY RATE ADJUSTMENT NOTICE:

FISCAL YEAR 2022 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 notice of the public hearing and informational brochure to all property owners in our service area. On May 26, 2020, the Board adopted a resolution deferring the Fiscal Year (FY) 2021 fee increases for all residential customers until FY 2022. Because of the fee deferral residential customers did not have to pay the approved increase in FY

2021, which amounted to \$33.20 for single-family residences and \$35.26 for multiple-family residences. However, that amount will now be collected in FY 2022 along with the sewer service charge for this year. Please be advised, if you opted out of the FY 2021 residential fee deferral by paying the FY 2021 fee increase directly to the District you will only be assessed the FY 2022 adopted rates.

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.

The tables below depict last year's rates, the new rates for FY 2022, and the total charges for FY 2022 for residential customers including the deferred charges from FY 2021. If you have any questions, call the District at (510) 477-7500 or email: rates@unionsanitary.ca.gov.

Residential (\$ per Dwelling Unit)	FY21 Adopted Rate		Amount Billed on 2020-2021 Property Tax Statement (FY20 Rate)		Deferred Amount to be applied to FY22 Rate		FY22 Adopted Rate	Amount Billed on 2021-2022 Property Tax Statement (Deferred Amount + FY22 Adopted Rate)
Single Family Residences (per unit)	\$ 454.57	–	\$ 421.37	=	\$ 33.20	+	\$ 490.93	\$ 524.13
*Multiple Family Residences (per unit)	\$ 400.58	–	\$ 365.32	=	\$ 35.26	+	\$ 432.63	\$ 467.89

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

All Other Categories:	Last Year's Rate FY 2021	This Year's Rate FY 2022
Commercial (\$ per 1,000 gals)		
Strong	\$ 12.53	\$ 13.53
Moderate	\$ 6.06	\$ 6.54
Weak	\$ 5.08	\$ 5.49
Fast-Food Restaurant	\$ 12.62	\$ 13.63
Full-Service Restaurant	\$ 12.64	\$ 13.65
Industrial		
Volume (\$/1,000 gals)	\$ 2.99	\$ 3.22
COD (\$/1,000 lbs)	\$ 338.87	\$ 365.98
Suspended Solids (\$/1,000 lbs)	\$ 909.90	\$ 982.69
**Minimum Charge for non-residential customers	\$ 400.58	\$ 432.63

Non-residential parcels billed at the minimum rate in FY21 will include a \$35.26 deferment charge in their 2021-2022 property tax levy
USD's Fiscal Year is defined as July 1 through June 30

USD SEEKING FUNDING FOR RATEPAYER ASSISTANCE PROGRAM

Voter-approved Proposition 218 states ratepayers cannot pay more than their proportionate share of costs for service. Providing discounts to one segment of the customer base is not allowed as one customer group would be subsidizing another. USD's Board of Directors has made it a top priority for staff to actively search for funding opportunities that would enable the District to provide a ratepayer assistance program. Find more information at unionsanitary.ca.gov/sewer-service-charges.

WHAT DOES IT TAKE TO TREAT WASTEWATER EVERY DAY?

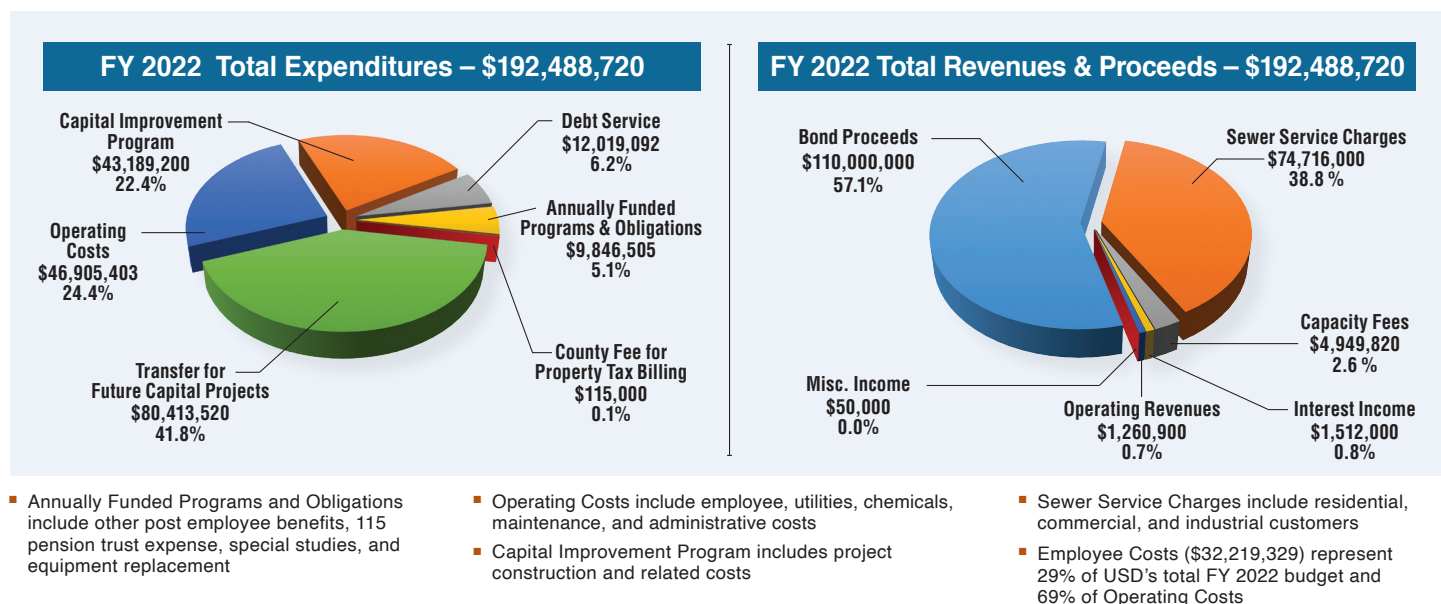
A lot of things! Here are highlights of what we use to treat the 22-24 million gallons of wastewater we receive every day.

- **The District reclaims** over a million gallons of water each day.
- **50,304 kilowatt hours of electricity.** USD generates about 75% of the plant's electricity with cogeneration and solar facilities.
- **27,676,000 cubic feet of air** pumped into wastewater to support beneficial organisms that break down organic materials.

- **2,417 gallons of sodium hypochlorite (bleach)** to disinfect treated wastewater and remove pathogens and viruses. At a 12.5% concentration, the disinfectant is much stronger than household products.
- **8,983 lbs. of ferrous chloride (iron salts)** to control odors in the transport system, reduce corrosion, and improve treatment.
- **326 gallons of polymer chemicals** – coagulants that reduce the amount of water in biosolids and improve treatment efficiency.

BUDGET IN BRIEF

USD provides wastewater collection, treatment, and disposal services to over 356,000 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 safeguard these public assets to ensure responsible maintenance and reliable service to customers at the lowest feasible rates.



DID YOU KNOW?

AVOID STICKY SITUATIONS – KEEP STARCHES OUT OF YOUR DRAINS

Even if you have a garbage disposal, certain starchy items are best left out of your household drains to avoid clogs and messy backups into your home and onto your property. Some of them might surprise you:

- **PASTA and RICE** - Since pasta, noodles, and rice absorb water, they can continue to expand in your sewer line each time you run the faucet. These starchy products can gum up your pipes and disposal blades. Your compost or food waste bin is a better spot for these.
- **FLOUR** - Flour mixed with water is a recipe for a glue-like substance that can stick to your pipes and create clogs. Dispose of small amounts of flour or leftover dough in your compost bin.

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.**

UNION SANITARY DISTRICT

5072 Benson Road
Union City, CA 94587-2508

PRESORTED
STANDARD
US POSTAGE
PAID
SACRAMENTO, CA
PERMIT NO 333

ECR WSS

SEWER LATERAL QUESTIONS?

WATCH OUR VIDEO

- **View useful information for property owners**, including tips for contacting USD if you think you have a sewer problem, researching a licensed, insured drain cleaning company or plumber, actions you can take to keep your sewer lateral healthy, and more. Check it out at unionsanitary.ca.gov/lateral-video.
- **Your sewer lateral is a pipe that connects the plumbing system in your residence or business to USD's main sewer line. Property owners are responsible for maintenance, repair, or replacement of their entire sewer lateral up to its connection to USD's main line.** This includes portions located under sidewalks and streets (see exhibit below).
- **Do's and Don'ts for a Healthy Lateral:** Only human waste, soaps, toilet paper, food ground in a garbage disposal, household cleaning products, and over-the-counter drain cleaners should go into your sewer line. Keep wipes, paper towels, tissues, fats, oils, grease, medicines, and toxic chemicals out of your lateral.
- **If a problem is found in your lateral, before any work begins, a USD repair permit is required** (even for repairs on private property). Call (510) 477-7500 for more information.

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Mark Carlson
CFO/Business Services Manager

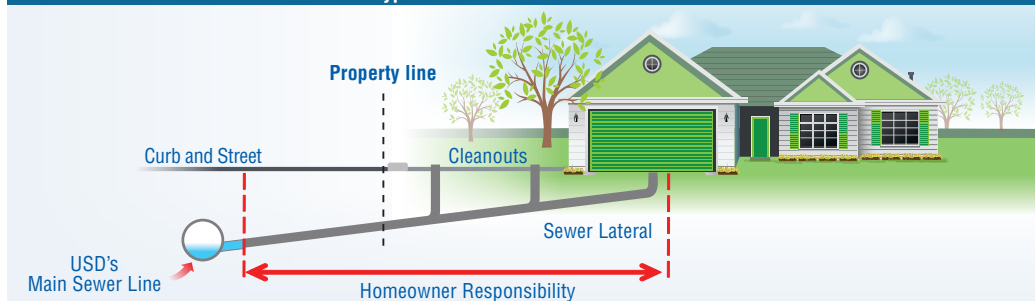
Sami Ghossain
Technical Services Manager

Armando Lopez
Treatment & Disposal Services Manager

James Schofield
Collection Services Manager

Robert Simonich
Fabrication, Maintenance, & Construction Manager

Typical Residential Sewer Lateral



From USD's Lateral Video



For more tips about keeping your lateral healthy, check our website at www.unionsanitary.ca.gov or call us at (510) 477-7500.

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.