

The City of San Diego's water resource strategy includes conservation, recycled water, groundwater, water reuse, and watershed and resource protection to help meet future water needs.

PureNews

The City of San Diego | Public Utilities Department

November 2022

Welcome to Pure News, a newsletter about the City of San Diego's Pure Water Program. Pure Water will ensure a safe, local, and sustainable drinking water supply for the future.

In this edition of Pure News, learn more about construction progress, the latest Pure Water Program activities and a recap of this summer's community events and industry tours.

Phase 1 Construction Highlights

Construction is well underway, and our construction team is critical to the success of the projects. The Pure Water Program is proud to sponsor the veteran employment program, Helmets to Hardhats, at two of our project locations, the North City Pure Water Facility and Pump Station and the North City Water Reclamation Plant Expansion and Influent Pump Station.

More than **16,130** total veteran hours have been worked across all Pure Water Phase I Projects. Additionally, the program exceeded its goal of hiring 10% Targeted Workers – historically underrepresented workers in construction – who now make up 17% of the Pure Water workforce. Program wide, 25% of the workforce are San Diego residents, a percentage which continues to increase.

To view the full list of Phase 1 projects and learn more about construction locations, please visit the [Phase 1 Interactive Map](#).



Morena Pump Station

Excavation, shoring, and jet grouting for the main pump station facility is underway. Stone columns to support the pump station have been installed. Tunneling for pipeline junction structures has been completed and construction of one junction structure has begun.



Construction continues at the Morena Pump Station.

Morena Northern Pipelines and Tunnels

Pipeline construction is continuing along Executive Drive eastbound through the Judicial Drive intersection. Pictured here, at Towne Centre Drive and Executive Drive, the trench is approximately 20 feet deep and includes installation of two pipelines – the 48-inch wastewater pipeline and the 30-inch brine pipeline.



Pipeline construction on Executive Drive and Towne Centre Drive for the Morena Northern Pipelines and Tunnels project.

Pipeline installation is underway along Genesee Avenue from Appleton Street to State Route-52. Learn more about the [latest project updates here](#).

North City Water Reclamation Plant and Flow Equalization Basin

Concrete is being poured for the first stage bioreactors and new secondary clarifiers. Demolition of internal components of the second stage bioreactors is underway to make way for new construction and interconnecting piping is being installed between treatment basins. [Learn more about this project.](#)



Construction at the NCWRP Expansion project.

North City Pure Water Facility and Pump Station

Construction is continuing at the \$360 million North City Pure Water Facility (NCPWF). Over the past few months, the team has been working on vertical construction of the Operations and Maintenance Building, Process Building and Ozone Contactors.



Construction of the mega trench and pipeline at the NCPWF.

Additionally, construction crews are building the pipeline that will transport water from the North City Water Reclamation Plant (NCWRP) to the NCPWF for purification. To learn more about this project, [visit the project page](#).

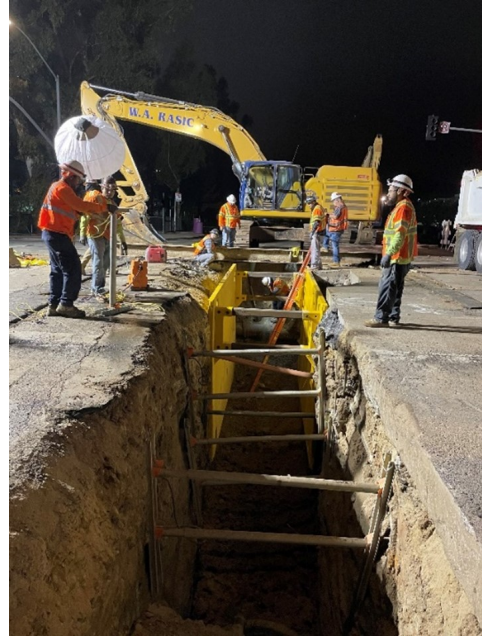
North City Pure Water Pipeline, Dechlorination Facility and Subaqueous Pipeline

Nighttime pipeline construction, which began in August 2022, is continuing along Carroll Canyon Road and Scripps Ranch Boulevard, moving northbound toward Hoyt Park Drive.

Tunneling under Scripps Lake Drive was completed in October. This month, nighttime construction will begin on Miramar Road from Black Mountain Road to Clayton Drive. For more information, [visit the project page](#).



North City Pure Water Pipeline tunnel access structure near the Miramar Reservoir at the Miramar Drinking Facility.



Night work for the North City Pure Water Pipeline project.

Request a Pure Water Presentation

Are you part of a group that would be interested in learning more about San Diego's efforts to create a reliable and sustainable water supply? **Request a Pure Water presentation!** Pure Water experts are available to present to schools, community associations, universities, businesses, cultural groups, and more. To date, the Pure Water Program has given 950 community presentations!

In the past few months, Pure Water presented to Cuyamaca College, Construction Management Association of America, the State Water Quality Control Board and San Diego Regional Water Quality Control Board, General Atomics, Dexcom, Tijuana Innavadora and more.



Assistant Deputy Director for Pure Water, Andrea Demich, provides a Pure Water San Diego briefing to the Construction Management Association of America.

To request a presentation, please email purewatersd@sandiego.gov with the details of your group and dates that maywork.

Community Events

In-person community events are back, and the Pure Water team is excited to meet you! The Pure Water team has participated in several community events including the 4th of July Scripps Ranch Run & Ride, Miramar Air Show, UC Oktoberfest, the Mira Mesa Street Fair, Walter Munk Day and Clairemont Family Day.

Interested in having the Pure Water team participate in an upcoming event? Please reach out at purewatersd@sandiego.gov.



Mayor Todd Gloria visits the Pure Water booth at Walter Munk Day in La Jolla.



Pure Water at the Mira Mesa Street Fair.



Top row, left; Councilmember Jennifer Campbell, Councilmember Marnie Von Wilpert
Bottom row, left; Councilmember Chris Cate and Councilmember Joe LaCava.

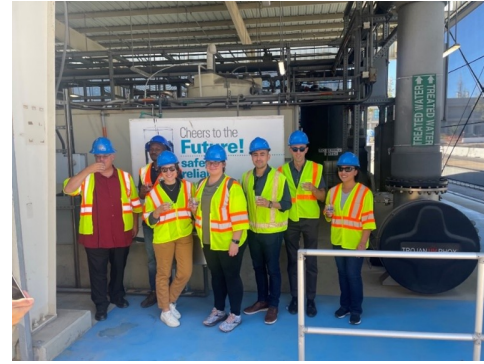
Pure Water Tours

As part of their national conference in San Diego last month, the Construction Management Association of America (CMAA) toured the North City Water Reclamation Plant (NCWRP) project site to learn more about the construction currently underway at the facility. The NCWRP Expansion will increase the plant's recycled water production from 30 million of gallons per day (mgd) to 52 mgd. The expansion requires larger equipment and infrastructure at the facility.

Pure Water appreciated the opportunity to demonstrate San Diego's cutting-edge water recycling program and necessary infrastructure to industry leaders from around the country.



Amy Dorman, Assistant Director for the Pure Water Branch, demonstrates the Reverse Osmosis process to members from the State and Regional Water Quality Control Board.



The State and Regional Water Quality Control Board tour participants taste the water at the Pure Water Demonstration Facility.



Members from the CMAA visit the Pure Water Demonstration Facility.



Engineers provide an overview of the construction expansion at the North City Water Reclamation Plant.

In-person tours are *currently on hold* to the public due to heavy construction around the Demonstration Facility site.

The [Demonstration Facility Virtual Tour](#) is a great resource to see the facility and learn from water experts.

Quick Links

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Thank you for your support

The City of San Diego continues to provide safe, high quality drinking water for its customers.



purewatersd.org

received \$733.5M in low-interest loans from EPA's Water Infrastructure Finance and Innovation Act and \$664M from the California State Revolving Fund Loans.

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