



Pure Water San Diego

The City of San Diego | Public Utilities Department

July 2016

Pure Water to Go to Miramar Reservoir

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Miramar Reservoir (Credit: MrGALL)

The Pure Water San Diego Program will use water purification technology to provide one-third of San Diego's water supply locally by 2035. Over the next 20 years, multiple water purification facilities will be constructed to clean recycled water to produce high-quality drinking water. The first facility will be located across the street from the North City Water

Reclamation Plant and will produce 30 million gallons of purified water per day beginning in 2021. At full buildout, Pure Water will be part of the water supply for all communities in San Diego.

Regulatory agencies require that purified water has detention time in a substantial environmental buffer, either a groundwater basin or a surface water reservoir, prior to being blended into the drinking water system. As part of the Water Purification Demonstration Project, the City studied the San Vicente Reservoir to determine its feasibility as an environmental barrier for the full-scale Pure Water Program. In 2012, the California Department of Public Health (now the State Water Resources Control Board Division of Drinking Water) gave its conditional approval of the City's reservoir augmentation concept.

However, over the last few years, as the Division of Drinking Water has been working on proposing specific regulations for reservoir augmentation, the City has explored sending the purified water in the initial North City phase to the Miramar Reservoir instead. This new approach has been shared with the Division of Drinking Water and the City is working collaboratively with the State to implement the Miramar option. The water produced at the new North City Pure Water Facility will be piped to the Miramar Reservoir and then treated again at the Miramar Drinking Water Plant before it is distributed to homes and businesses.

Sending the water to Miramar Reservoir instead of San Vicente will reduce costs and expedite the implementation schedule, while still providing the same level of public health protection. The length of the pipeline from the North City facility to the reservoir will be seven miles instead of over 20 miles, and the facility will be online by 2021, two years sooner than with the previous approach.



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.

Get Involved



Now is a great time to learn about Pure Water San Diego through tours, presentations and educational events!

During tours, the water purification process is explained in detail and participants get an up-close look at the technology used to turn recycled water into pure water that can be added to our drinking water supply. Sign up for a tour

at purewatersd.org/tours.

We also have an active speakers bureau and give presentations to community groups throughout the City. Request a presentation for your community group or organization at purewatersd.org/presentations.

You can also find us at the following upcoming events:

[National Night Out Crime Prevention and Community Resource Fair](#)

Tuesday, August 2

5 p.m. - 7:30 p.m.

Robert Eggers Sr. South Bay Recreation Center
1885 Coronado Avenue

[Imperial Avenue Street Festival](#)

Saturday, August 27

9 a.m. - 3 p.m.

Imperial Avenue, between 28th and 30th Street

[San Diego Black Nurses Association Health & Wellness Expo](#)

Saturday, August 27

9 a.m. - 3 p.m.

Educational Cultural Complex
4343 Ocean View Blvd.

Thank you for your ongoing interest in Pure Water San Diego. Updates on the program will be sent to you periodically as the City moves forward with the next steps for providing a safe, reliable and sustainable water supply for San Diego.

Pure Water San Diego has been funded in part by grants from the U.S. Bureau of Reclamation and from Proposition 50 and 84 grants administered by the California Department of Water Resources.