

PureNews

The City of San Diego • Public Utilities Department

Welcome to Pure News, a newsletter about Pure Water San Diego, the City of San Diego's multi-year program to address the need for a safe, secure and sustainable local water supply.

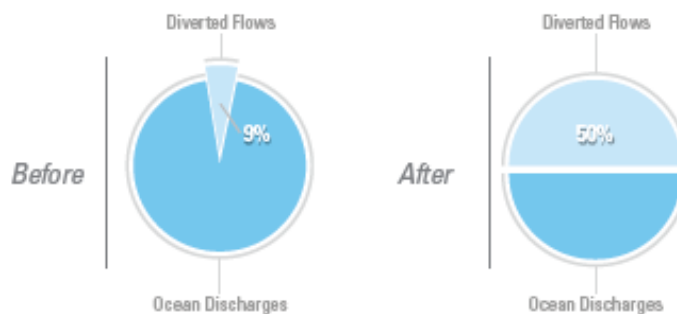


Sustainability in Every Drop

Every year on Earth Day we are reminded to **reduce, reuse and recycle** to help protect the environment and the world's most precious resources, including water. The Pure Water San Diego program will help the City of San Diego accomplish that every day by creating a sustainable, locally-controlled water supply.

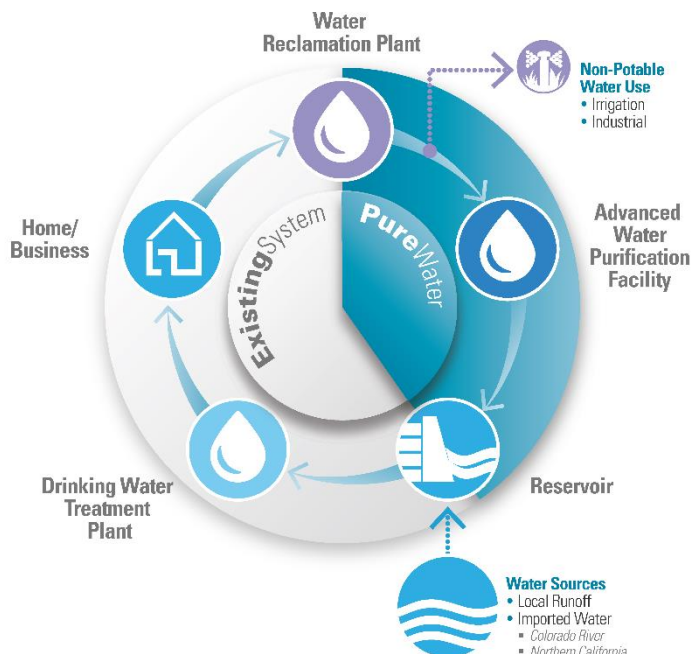
Reducing Ocean Discharges by 50%

The City of San Diego planned the Pure Water program to be able to maximize benefits to its residents and the environment. Pure Water will decrease the amount of treated wastewater that is discharged to the ocean by approximately 100 million gallons per day by maximizing the amount of water that is reused. This is a 50% reduction in future ocean discharges.



Reusing and Recycling More of San Diego's Water

With San Diego's existing water system, only 8% of the water leaving homes and businesses is recycled. Pure Water transforms the City's water system into a complete water cycle and increases the amount of water that is reused and recycled to produce 1/3 of the City's water supply.



The Pure Water program will direct wastewater flows away from Point Loma to the City's water reclamation plants for treatment. From there, most of the recycled water will be sent to advanced water purification facilities where it will be treated even further to meet all drinking water standards. The resulting purified water will then be conveyed to a reservoir where it will be blended with the City's imported water supplies before it is treated again at one of the City's drinking water treatment plants and distributed to consumers throughout the City.

Pure Water is supported by San Diego's environmental community, which includes San Diego Coastkeeper, Surfrider Foundation, Coastal Environmental Rights Foundation and San Diego Audubon Society. Pure Water will help create a more sustainable San Diego not just on Earth Day, but every day.



Students Interview City Staff



Students Film Pure Water Facility

Pure Water Hosts “Media Days” for San Diego Unified High School Students

As part of its youth outreach, the City partnered with the San Diego Unified School District (SDUSD) to develop Media Days for high school students to teach the students about Pure Water San Diego while also helping to sharpen their skills in writing, reporting, photography, and filming.

Over two days in February, nearly 100 journalism students from eight SDUSD high schools attended the Pure Water Media Days. The agenda for each day included a tour of the Pure Water Facility, a workshop on storytelling and photography, and panels on careers in the media and water industries. Local reporters led the storytelling and media career sessions, and City staff, including chemists, water resource specialists and public information officers, led the water industry sessions.

At the beginning of the day, the students were presented the “challenge” of developing a news package about Pure Water San Diego. They were to keep their school audience in mind since they would present it to them, but they also learned that the best pieces could be featured as part of the Pure Water outreach program and in an SDUSD showcase in June. The tour, workshops and career panels helped inform the packages they will produce, and the day included a dedicated session for the students to interview City staff, film their own reports and take B-roll footage at the Pure Water Facility.

The students will submit their final news packages in May. The project has proved very successful, and the City plans to continue to partner with San Diego Unified for future media days with high school students.

Project SWELL Professional Development Session for Teachers

Pure Water San Diego staff worked closely with San Diego Coastkeeper and Think Blue San Diego to develop an updated Project SWELL kit for distribution to 5th grade teachers in San Diego Unified School District. Project SWELL is a school-based science curriculum that teaches students about the importance of the region’s water ways.

The lessons that are part of the 5th grade “Water in San Diego” kit explore the impacts on earth systems, pollution prevention, San Diego’s water supply and conservation. The lesson about Pure Water San Diego gives students the opportunity to model the City’s proven three-step water purification process, learn new vocabulary words and watch videos featuring Pure Water program engineers.

Fifth grade teachers can attend the next professional development session where they will receive a kit of activity supplies and lesson plans and will practice going through the curriculum. The session will take place on Wednesday, April 27, and will include a tour of the City’s Pure Water Facility.

Project SWELL Professional Development Session

Who: 5th grade San Diego Unified School District teachers

When: Wednesday, April 27, from 4:30 p.m. to 6 p.m.

Where: North City Water Reclamation Plant
4949 Eastgate Mall, San Diego, CA 92123

Teachers can register [here](#) or can RSVP by email at projectswell@sdcoastkeeper.org. RSVP is required.

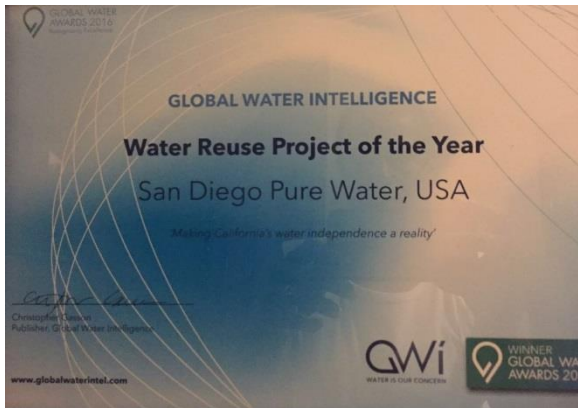


Teachers Learn Project SWELL Activity

Pure Water Wins Global Water Award

The City of San Diego Pure Water Program received the 2016 Water Reuse Project of the Year Award at the Global Water Awards on April 19 in Abu Dhabi, UAE. The Water Reuse Project of the Year Award recognizes the project that represents the most significant advancements in water reuse.

The Pure Water San Diego Program will provide 1/3 of San Diego's water supply locally by 2035 through the use of advanced water purification technology that cleans recycled water to produce a high-quality drinking water supply. By doing so, Pure Water will reduce the amount of treated wastewater that is discharged to the ocean by 50%. The City currently operates a water purification demonstration plant where more than 28,000 laboratory tests have confirmed the safety of the water and the effectiveness of the technology. The demonstration plant is also generating valuable data that could help shape the future implementation of other water reuse projects around the world.



Established in 2006 by the Global Water Intelligence, the Global Water Awards recognize those initiatives in the water, wastewater and desalination sectors that are moving the industry forward through improved operating performance, innovative technology adoption and sustainable financial models. Nominations for the Global Water Awards are shortlisted by a panel of industry experts and the winners are voted for by *Global Water Intelligence* and *Water Desalination Report* subscribers, reflecting the views of the international water community.

Free tours of the Pure Water Facility are available to the public. Register at www.PurewaterSD.org/tours.

Get Involved

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

Take a tour of the Pure Water Facility and learn about the water purification process in person and get an up-close look at the technology used to clean recycled water and produce a safe, high-quality drinking water. Sign up for a tour at www.PureWatersd.org/tours or email purewatersd@sandiego.gov to request a private tour for a group of 10 or more.

We also have an active speakers bureau and give presentations about Pure Water San Diego to community groups throughout the City. Request a presentation for your community group or organization at www.PureWaterSD.org/presentations.

You can also find us at the following upcoming community events:

Linda Vista Multicultural Fair

Saturday, April 23

10 a.m. – 5 p.m.

6900 Linda Vista Road (between Comstock & Ulric Street)

Project Concern International (PCI) Annual Walk for Water

Sunday, April 24

9 a.m. – 1 p.m.

1600 E Mission Bay Drive

Tecolote Shores, Mission Bay Park

Asian Cultural Festival

Saturday, May 7

10 a.m. – 6 p.m.

Mira Mesa Community Park

8575 New Salem Street



Students examine Pure Water on tour

**Get Involved...continued****Scripps Ranch Community Fair**

Sunday, May 15

12-5 p.m.

Scripps Ranch Community Park

11454 Blue Cypress Drive

D6 Night Market

Saturday, May 21

4-10 p.m.

Mira Mesa Community Park

8575 New Salem Street

*2015 Scripps Ranch Community Fair***Get the latest online**

Pure Water San Diego



PureWaterSD



@PureWaterSD

**Happy Earth Day from
the Pure Water team!****Want to Know More?**

Not receiving email updates from Pure Water San Diego? Sign up at www.purewatersd.org or email purewatersd@saniego.gov.

To schedule a presentation for your organization, visit www.purewatersd.org/presentations.

Visit www.PureWaterSD.org and sign up for a free tour of the Pure Water Facility!