

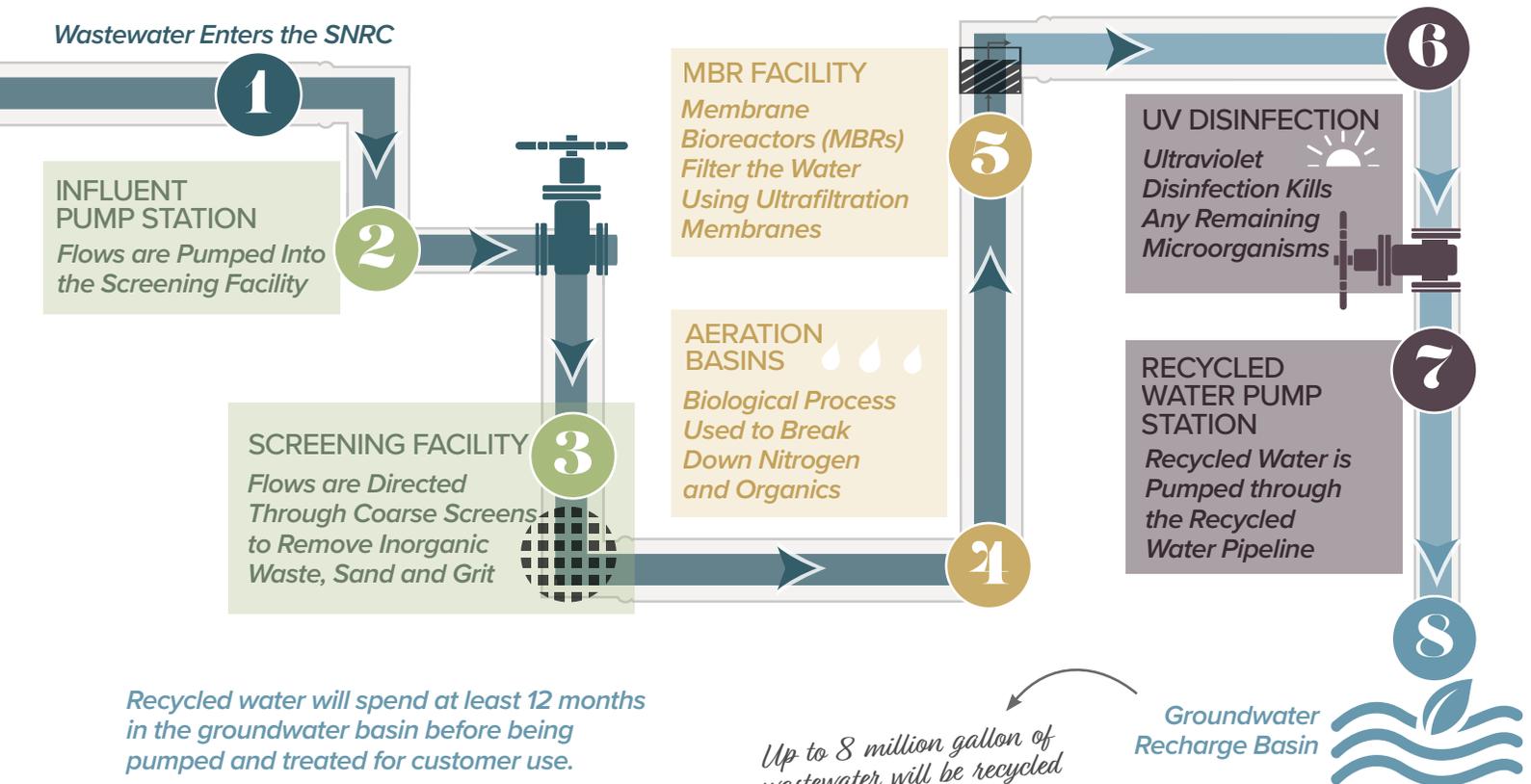
WATER RECYCLING 101



The Sterling Natural Resource Center (SNRC) will be a state-of-the-art facility capable of treating up to 8 million gallons a day, that will recharge the local Bunker Hill Groundwater Basin.

Water recycled at the SNRC will undergo a rigorous treatment process using state-of-the-art technology before being recharged into the local groundwater supply where it will go through the natural water cycle again. This treatment process will remove nitrogen, organics, and disinfect the water of any harmful microorganisms.

Wastewater Enters the SNRC



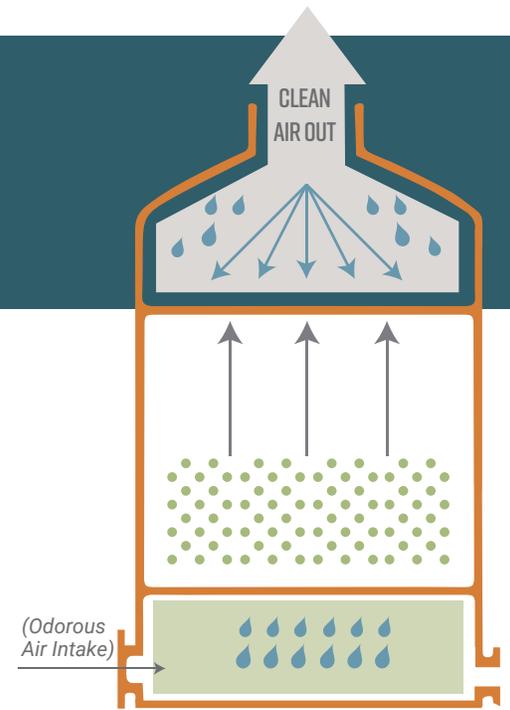
Recycled water will spend at least 12 months in the groundwater basin before being pumped and treated for customer use.

Up to 8 million gallon of wastewater will be recycled at the SNRC. Recycled water has no smell or color.

Advanced Air Filtering System

Multiple systems are designed to “scrub” the air so that there is no noticeable odor coming from the SNRC.

The SNRC will use a biological filter process to control odors. These include a variety of heterotrophic bacteria (produce their own energy) and autotrophic bacteria (need other organisms for energy) that will interact with and consume odor causing compounds.



Hundreds of microorganisms will be hard at work to get rid of unwanted odors.

COMMUNITY BENEFITS

The SNRC has set out to “Make Every Source a Resource” and will help East Valley Water District meet the growing needs of our community by:

- Treating up to 8 million gallons of wastewater daily, with the ability to expand to 10 million gallons a day.
- Transforming 130,000 gallons per day of imported organic waste into 3 megawatts of renewable power.



Picnic area, demonstration garden, walking paths, workshop space, and special events area.



Hands-on training and career experiences in wastewater treatment available to students and residents.



Water treated at the SNRC will recharge the local Bunker Hill Groundwater Basin.



Improvements to the surrounding area include street paving, sidewalks, and more.

For More Information

[f](#) [i](#) [t](#) [v](#) @eastvalleywater

EVWD encourages our neighbors and community to provide feedback and questions about this project. For more information, visit eastvalley.org/snrc or contact our Public Affairs Department at (909) 889-9501.

The SNRC is Funded in Part By:



*Funding for this Sterling Natural Resource Center project has been provided in full or in part by the Proposition 1 - the Water Quality, Supply, and Infrastructure Improvement Act of 2014 and the Clean Water State Revolving Fund through an agreement with the State Water Resources Control Board. California's Clean Water State Revolving Fund is capitalized through a variety of funding sources, including grants from the United States Environmental Protection Agency and state bond proceeds.

The Urban Greening Program is part of California Climate Investments, a statewide program that puts billions of cap-and-trade dollars to work reducing greenhouse gas emissions, strengthening the economy and improving public health and the environment—particularly in disadvantaged communities. The cap-and-trade program also creates a financial incentive for industries to invest in clean technologies and develop innovative ways to reduce pollution. California Climate Investment projects include affordable housing, renewable energy, public transportation, zero-emission vehicles, environmental restoration, more sustainable agriculture, recycling and much more. At least 35 percent of these investments are made in disadvantaged and low-income communities. For more information, visit California Climate Investments.