

COMMUNITIES USING WATER PURIFICATION TECHNOLOGY

- Orange County, CA
- Scottsdale, AZ
- Los Angeles County, CA
- San Bernardino County, CA
- Las Vegas, NV
- El Paso, TX
- Peoria, AZ
- Reno, NV
- Glendale, AZ

More information about the GWR Project and other examples of water purification technology are available at PureWaterMonterey.org

TOURS OF THE WATER PURIFICATION DEMONSTRATION FACILITY ARE NOW AVAILABLE

CALL
Community Relations
(831) 645-4604



Pure Water Monterey
A Groundwater Replenishment Project

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Partners for Pure Water Solutions



Pure Water Monterey
A Groundwater Replenishment Project

Providing
a **Safe** and
Sustainable
WATER SUPPLY

PureWaterMonterey.org

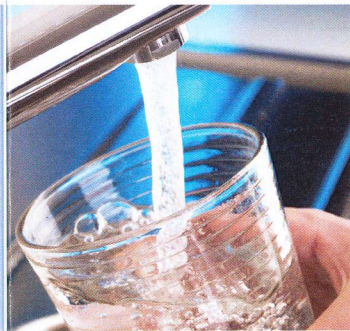
What is Pure Water Monterey?

Pure Water Monterey is a groundwater replenishment project that will provide a safe, environmentally sustainable and economically responsible water supply for years to come.

Why Pure Water Monterey?

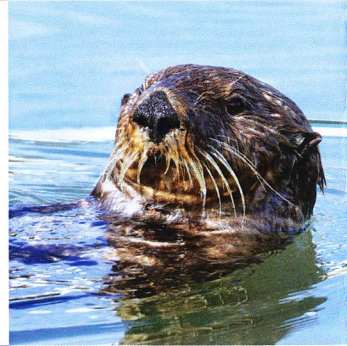
SAFETY

Advanced water purification technology is used throughout the world to provide clean drinking water



ENVIRONMENTALLY SENSITIVE

- Minimizes the amount of discharge into the Monterey Bay National Marine Sanctuary
- Uses less energy than desalination
- Improves water quality in the Seaside Basin
- Protects against seawater intrusion



ECONOMICALLY RESPONSIBLE

Pure Water Monterey is locally owned and managed by a public partnership ensuring transparency and a competitive cost



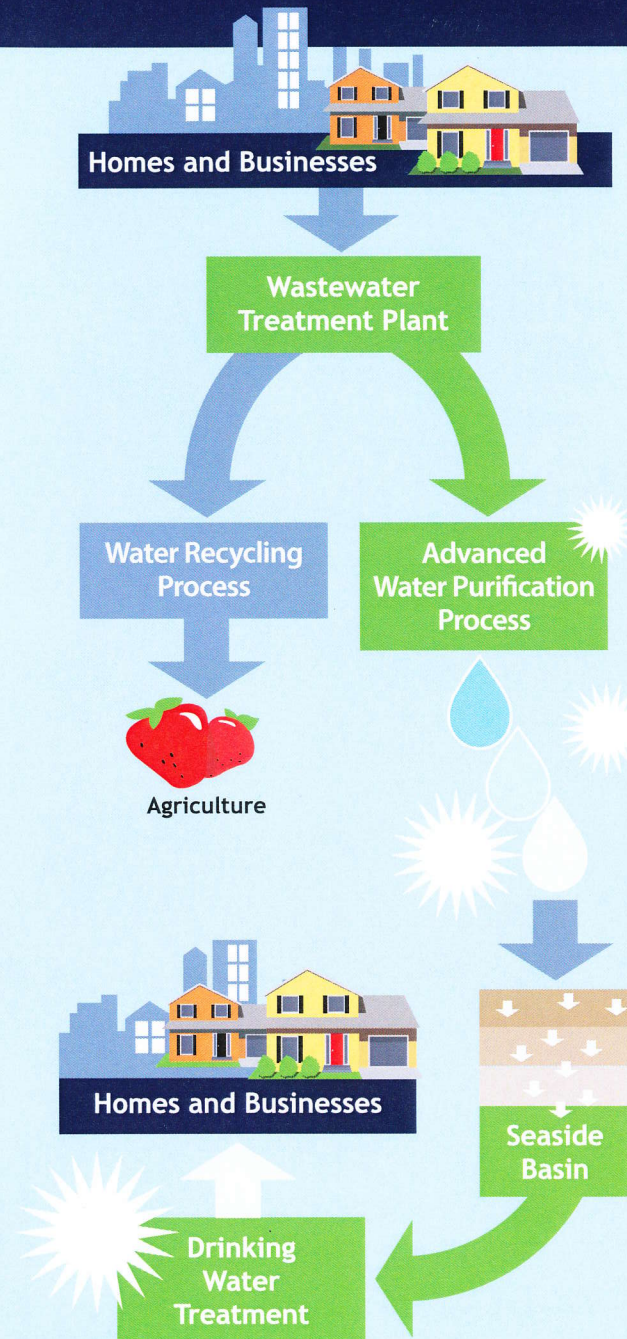
To learn more about Pure Water Monterey visit:

PureWaterMonterey.org



RECYCLING

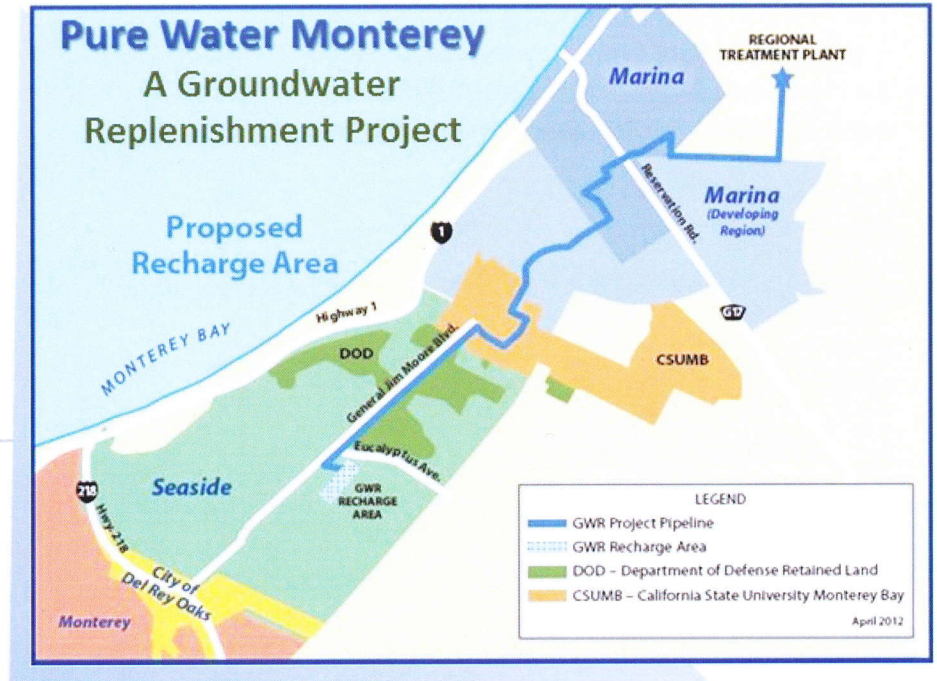
OUR LOCAL WATER SOURCES





Pure Water Monterey

A Groundwater Replenishment Project



BENEFITS

- Drought Resistance
- Local Control
- Helps Prevent Seawater Intrusion
- Protects Monterey Bay
- Provides Sustainable Supply
- Lowers Carbon Footprint
- Offers Cost-Effective Solution

FACILITIES

- Co-Located to Existing Regional Secondary Treatment Plant
- Advanced Water Treatment:
 - ◊ Membrane filtration
 - ◊ Reverse osmosis
 - ◊ Ultraviolet light
 - ◊ Hydrogen peroxide oxidation
- 8+ Miles of Conveyance Pipeline
- Aquifer Recharge Wells

YIELD

- Up to 3,500 Acre-Foot per Year

ESTIMATED COST

- \$70 - \$90 Million including Pipeline
- Less than \$3,000 per Acre-Foot Delivered

Pure Water Monterey is a groundwater replenishment project (Project) to augment the Monterey Peninsula's drinking water supplies.

The Monterey Regional Water Pollution Control Agency (MRWPCA) began planning the Project to help address the critical aquifer overdraft conditions in the region by providing a sustainable water portfolio component. Pure Water Monterey involves purifying wastewater then returning it back to the aquifer where it is later pumped out and distributed to customers. Pure Water Monterey is environmentally sustainable, drought resistant, safe, and cost effective.

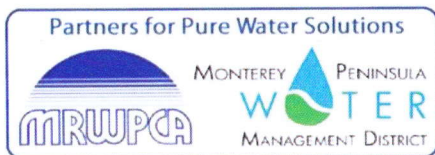
The purified water will exceed all drinking water quality standards using advanced water purification processes that include membrane filtration, reverse osmosis, and oxidation with hydrogen peroxide and ultraviolet light. This technology has been proven safe in Orange County, CA where it has been recharging their drinking water aquifer for over 35 years.

The Project is currently in the planning stage and is scheduled to be online by January 2017. An injection well and water purification demonstration facility are in the testing phase.

Accelerated Groundwater Replenishment Project Timeline

2013	Begin CEQA and pilot test facilities.
2014	Complete CEQA, pilot plant testing, and develop final design criteria.
2015	Prepare final design and obtain regulatory approvals/permits. Begin construction
2016	Construction.
2017	Start up facilities (Winter).

As Pure Water Monterey partners, the Monterey Peninsula Water Management District and MRWPCA are actively seeking low interest loans and other financing only available to public entities.



RECYCLING

OUR LOCAL WATER SOURCES

