MORRO BAY
OUR WATER
RELIABLE. CLEAN. FOR LIFE.

Water for the Future

The City of Morro Bay is taking steps toward a drought-resistant and sustainable water future by planning and building water and wastewater infrastructure. The Water Resources Center will provide a reliable drinking water supply even during extended periods of drought.

About the Program

The City's Our Water Program includes the recently constructed Water Resources Center and infrastructure to use purified water for groundwater recharge.

This groundwater recharge infrastructure will replenish the Lower Morro groundwater basin and create a new, reliable, and drought resistant water supply for the City. The new facility uses a proven, multi-step advanced purification process for water to be safely recharged into the groundwater aquifer until it is ready for extraction and drinking water use.

The new Water Resources Center is located on South Bay Boulevard. Pipelines, pump stations, and supporting infrastructure are located north of the Water Resources Center along Highway 1.

The City's Our Water Program includes construction of the following facilities:

- **A new one million gallon per day advanced treatment facility**
- **Two lift stations**
- **Approximately 3.5 miles of pipelines**
- **Wells to inject the purified water into the groundwater aquifer, which can be extracted for reuse through the City's existing infrastructure.**

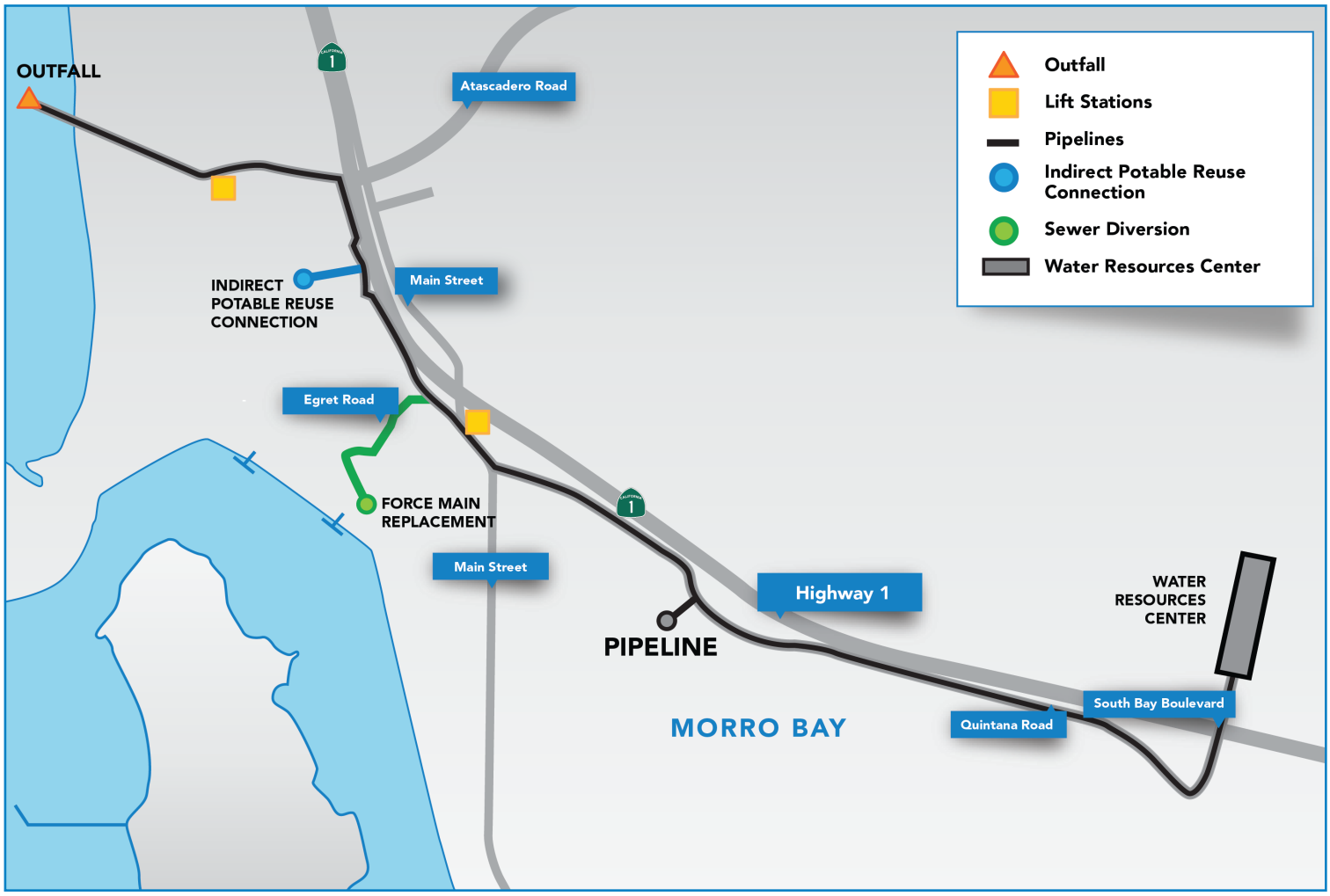
Potable Reuse in Morro Bay

Wastewater from homes and businesses in Morro Bay is purified at the newly constructed Water Resources Center through an **Advanced Water Purification Process** before being used again for recharge purposes. The purified water will travel from the Water Resources Center to wells where it will be injected into the groundwater aquifer. After traveling through the aquifer for a minimum of two months, the water can be extracted at the City's groundwater wells, where it will then go through the City's standard groundwater treatment processes and water quality testing to ensure the water meets all state and federal drinking water standards. It will then be sent into the City's drinking water distribution system.

The new Water Resources Center will be capable of producing approximately 970,000 gallons of purified water each day at full build-out.

LEARN MORE

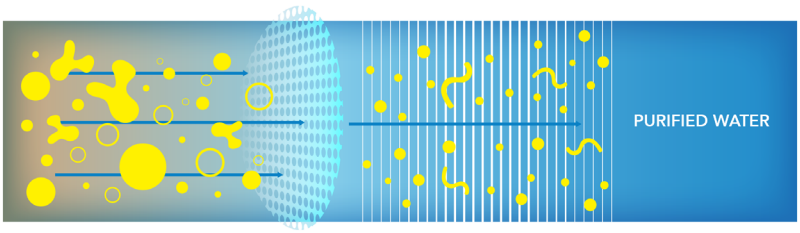
Visit us at **www.morrobaywrf.com** or call us at **877-MORROBAYH2O (877-667-7622)** | May 2025



Advanced Water Purification

Advanced Water Purification is a scientifically proven technology used throughout California, the United States, and around the world. This advanced purification process allows the City to utilize treated wastewater that would otherwise be sent to the ocean outfall. The City's newly constructed Water Resources Center includes the traditional wastewater treatment process and the Advanced Water Purification process.

ADVANCED WATER PURIFICATION PROCESS



REVERSE OSMOSIS:
Use of fine membranes to remove organic material and organisms. A typical reverse osmosis pore is around 0.0001 microns (or 0.1 nanometers) in size.

UV/ADVANCED OXIDATION:
Application of ultraviolet light combined with chlorine to create a chemical reaction that destroys trace chemicals, organisms and contaminants.

A Safe and Sustainable Water Supply

Providing clean, safe water is our highest priority – regardless of whether that water comes from hundreds of miles away through the State Water Project or from our own community through the Water Resources Center.

The City's Our Water Program combines advanced water purification and a natural buffer for safe, purified drinking water that will meet or surpass all state and federal drinking water standards. The City will be required by the California Division of Drinking Water to vigilantly monitor and test the water from the Water Resources Center at a third-party state-certified laboratory before it is ever delivered to the community. In addition, on-site water quality testing is done at different steps in the treatment process to ensure high quality and safety.

LEARN MORE

Visit us at **www.morrobaywrf.com** or call us at **877-MORROBAYH2O (877-667-7622)** | May 2025