

## PURE WATER SAN DIEGO

**BORROWER:** City of San Diego

**LOCATION:** San Diego, California

**WIFIA LOAN AMOUNT:** \$614 million

**TOTAL WIFIA PROJECT COSTS:** \$1.4 billion

**POPULATION SERVED BY SYSTEM:** 1.4 million people

**NUMBER OF JOBS CREATED:** 480 jobs



*Photo credit: City of San Diego*

### PROJECT DESCRIPTION

The City of San Diego will construct a new advanced treatment facility to produce 30 million gallons per day (mgd) of purified water. This is the first phase in its multi-year Pure Water Program which will use proven technology to clean non-potable recycled water into safe, high quality, drinking water. The construction project will include a pump station and pipeline to convey wastewater along Morena Boulevard to the North City Water Reclamation Plant, expansion of the existing North City Water Reclamation plant, a new North City Pure Water Facility, an onsite Pure Water pump station and pipeline to convey purified water, and improvements to the existing Miramar Reservoir Pump Station to allow raw water from the reservoir storage area to be pumped to the adjacent existing drinking water treatment plant. This project will provide a reliable, sustainable water supply, reduce the need for imported water, and divert wastewater flows away from the Point Loma ocean discharge plant.

### PROJECT BENEFITS

- Produces 30 mgd of purified water by 2024 and maximizes the amount of water that is reused
- Decreases reliance on imported water and exposure to its projected cost increases
- Lowers potential for supply limitations due to natural disasters, such as earthquakes
- Decreases ocean discharges and provides consistent water availability regardless of drought or rain
- Saves the City of San Diego an estimated \$184 million from financing with a WIFIA loan compared to a bond issuance