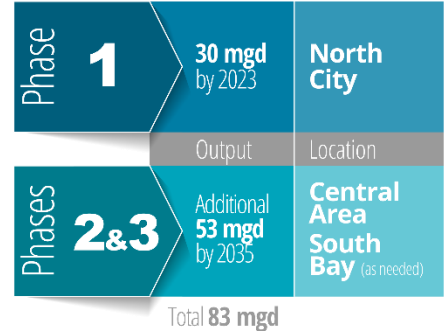


## What is Pure Water San Diego?

Pure Water San Diego is the City of San Diego's (City) program that will provide one-third of San Diego's water supply locally by 2035. The Pure Water Program will include a system of treatment facilities, pump stations and pipelines that will be constructed in multiple phases and will:

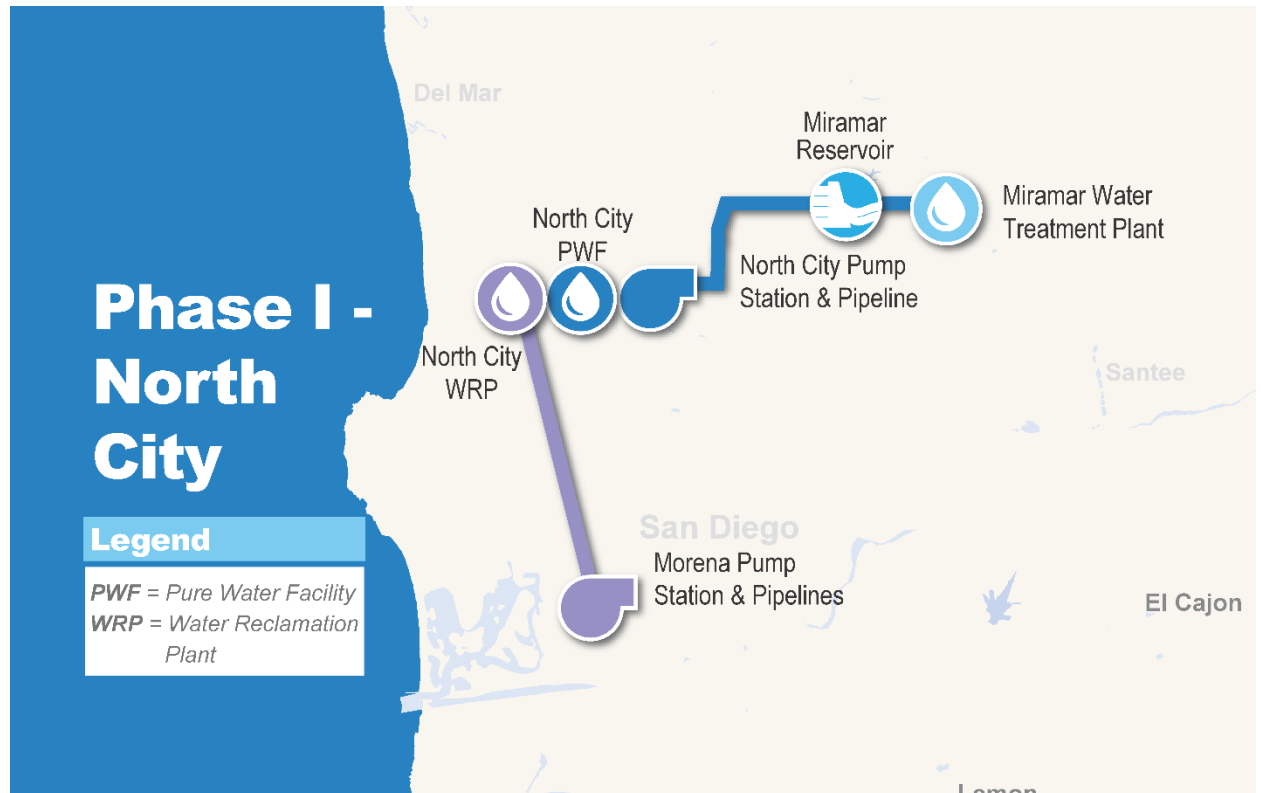
- Use proven technology to clean recycled water to produce safe, high-quality water
- Provide a reliable, sustainable, water supply; and
- Offer a cost-effective investment for San Diego's water needs.



\*mgd = million gallons per day

## What does Phase 1 Include?

Phase 1 - North City is comprised of several projects that will deliver 30 million gallons per day (mgd) of purified water to Miramar Reservoir. The purified water will blend with the City's imported and local water sources and be treated again at the Miramar Drinking Water Treatment Plant and distributed to the public. The projects include the Morena Pump Station and Pipelines, the North City Water Reclamation Plant Expansion, the North City Pure Water Facility, and the North City Pure Water Pump Station and Pipeline. A detailed map of the project locations can be viewed online at [phase1.purewatersd.org](http://phase1.purewatersd.org).



## Morena Pump Station and Pipelines

This project will transport approximately 32 mgd of wastewater to the North City Water Reclamation Plant (NCWRP), where it will be treated before being sent to the new North City Pure Water Facility (NCPWF) for further purification. Construction will include a new pump station on Sherman Street and two parallel 10.7-mile-long wastewater pipelines. One wastewater pipeline will transport wastewater to the NCWRP, while the other will transport salt and contaminants removed during the water purification process at the NCPWF to the Point Loma Wastewater Treatment Plant. The wastewater pipelines will start at Sherman Street, follow West Morena Boulevard to Clairemont Drive, continue to Genesee Avenue and go through University City to the NCWRP on Eastgate Mall. This project will also include the construction of two approximately 3.5-mile water pipelines, a 16-inch water distribution pipeline and a 36-inch water transmission pipeline, which will run parallel to the wastewater pipelines along West Morena Boulevard and Morena Boulevard.

**Construction Start: 2019/2020**

## North City Water Reclamation Plant Expansion

This project will increase the amount of recycled water the NCWRP produces to meet the needs of both the recycled water system and the new NCPWF. The NCWRP is located on Eastgate Mall and treats wastewater to recycled water standards for irrigation and industrial uses. The plant capacity would increase from 30 mgd to 52 mgd. A new pump station located at the NCWRP will convey up to 42 mgd of recycled water to the new NCPWF across the street for further purification.

**Construction Start: 2019**

## North City Pure Water Facility

A new Pure Water Facility will be built on Eastgate Mall across the street from the existing NCWRP to clean the recycled water further to produce 30 mgd of safe, high-quality water that meets all state and federal drinking water standards. The facility will use the proven five-step water purification process of ozonation, biological activated carbon filters, membrane filtration, reverse osmosis and ultraviolet disinfection with advanced oxidation.

**Construction Start: 2019**

## North City Pure Water Pump Station and Pipeline

This project will transport purified water produced at the NCPWF to Miramar Reservoir. A new pump station will be constructed next to the NCPWF on Eastgate Mall along with an 8.4-mile pipeline that will convey approximately 30 mgd of purified water to Miramar Reservoir. The pipeline will start on Eastgate Mall, follow Miramar Road, and continue through Scripps Ranch and end in the Miramar Reservoir.

**Construction: 2019**

Local **residents**, community **groups**, environmental **organizations** and local **businesses** support the **Pure Water Program**.

Do you **support Pure Water?** Like us, follow us:



@PureWaterSD

## Want to Know More?

Visit [www.purewatersd.org](http://www.purewatersd.org) to sign up for a free tour of the Pure Water Demonstration Facility or request a presentation for your organization.

