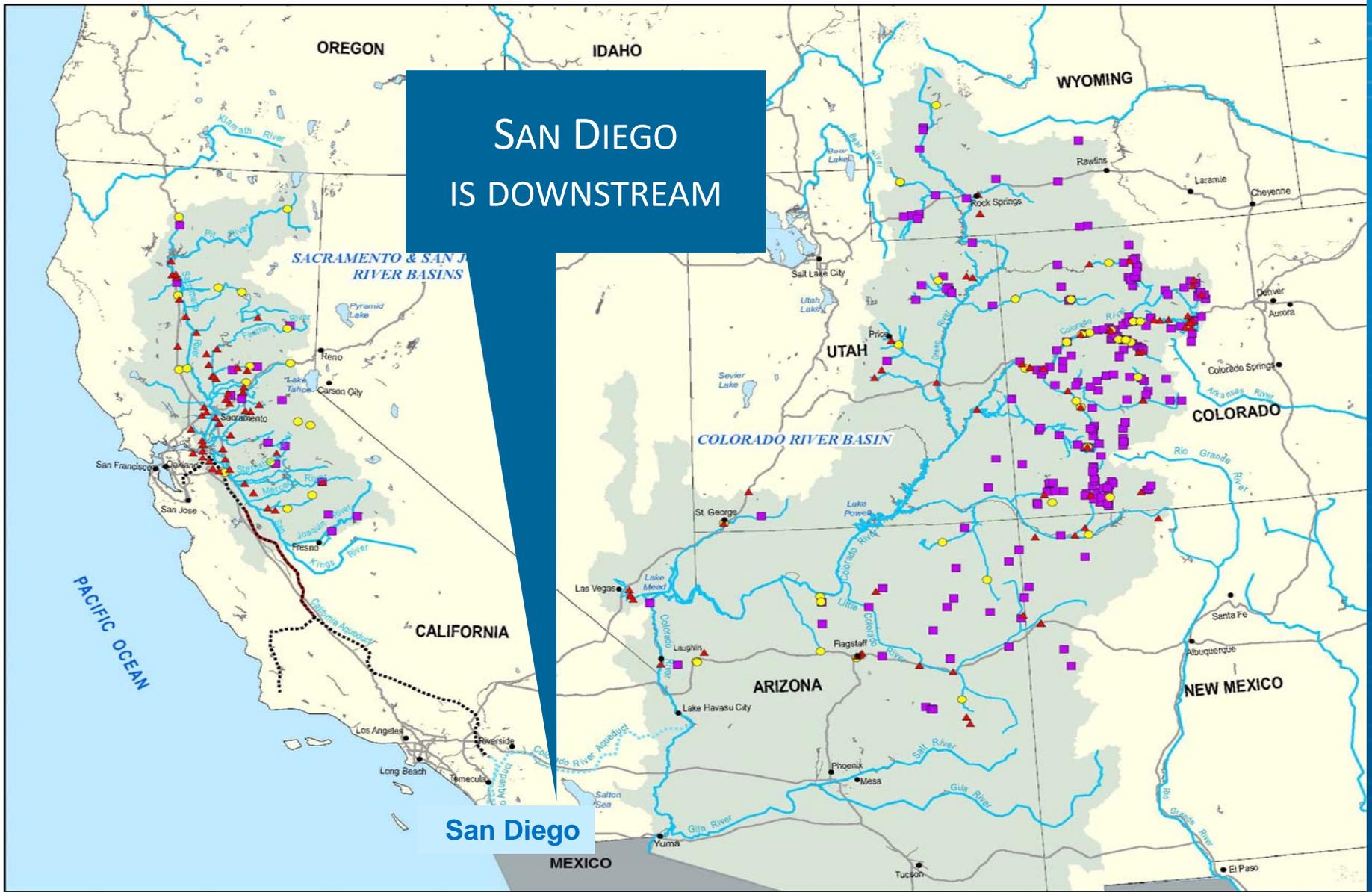




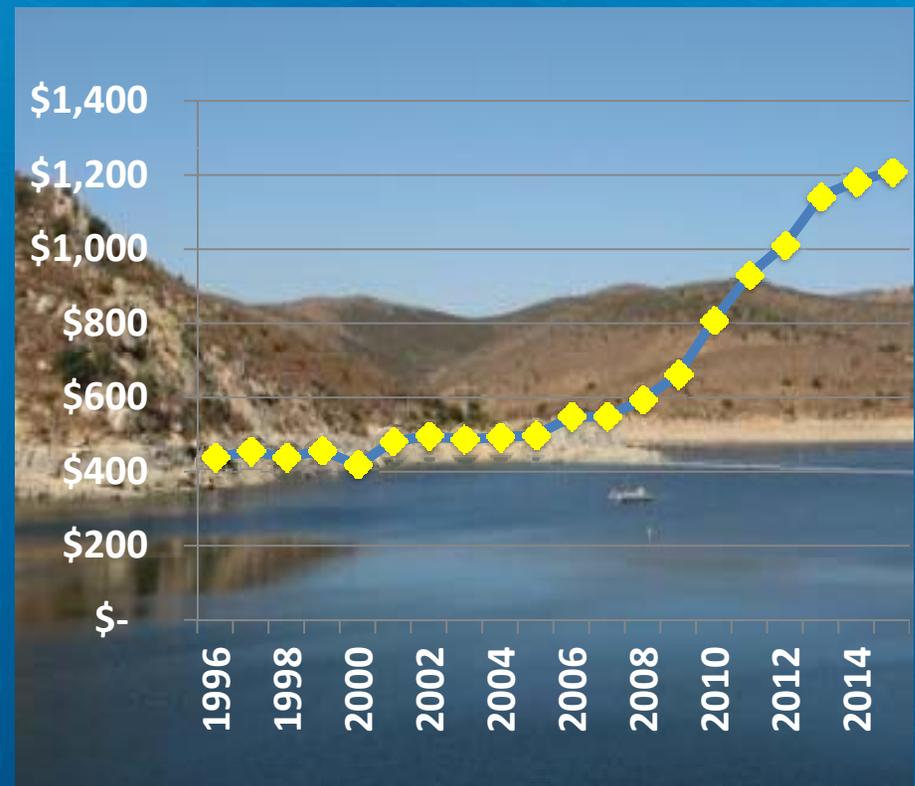
# Welcome to the Advanced Water Purification Facility

**SAN DIEGO  
IS DOWNSTREAM**



# Water Supply Challenges:

- Limited local & imported supplies
- Population growth
- Bay Delta constraints
- Natural disaster risk
- Rising imported water costs
- Recurring drought



# What is being done...

## Regional:

- Water Conservation
- Desalination (SDCWA)

## Local:

- Water Conservation
- Groundwater Development
- Recycled Water
- Potable Reuse (Pure Water)



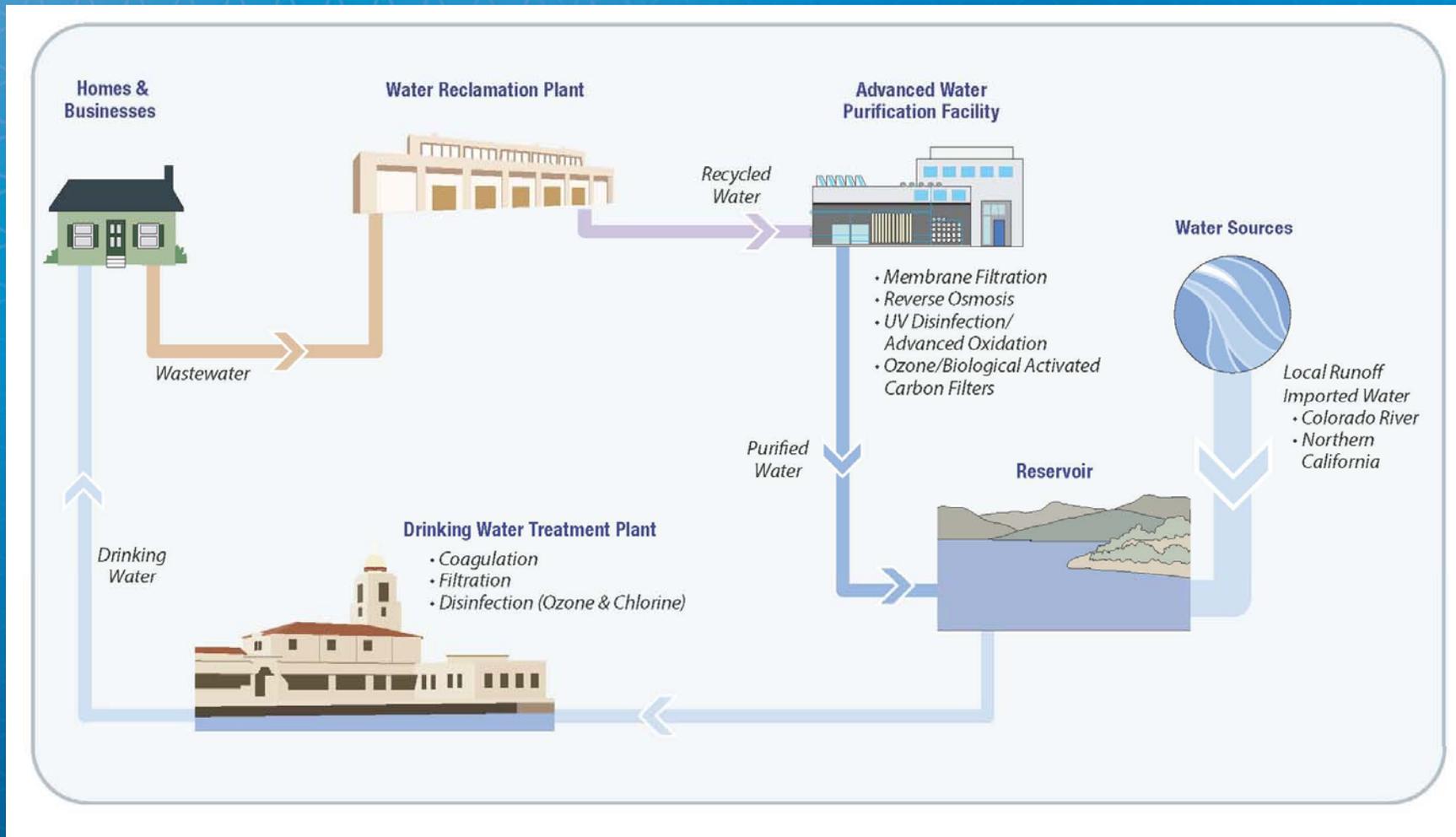
**SAN DIEGANS**  
**WASTE**  
**NO WATER**  
**ALL WAYS. ALWAYS.**

# Pure Water: Our Opportunity

- Phased multi-year program that uses proven technology to provide a safe, sustainable, and high quality water supply
- Provides a locally controlled, drought-proof water supply to significantly improve our water reliability
- A cost-effective investment for San Diego's future water needs

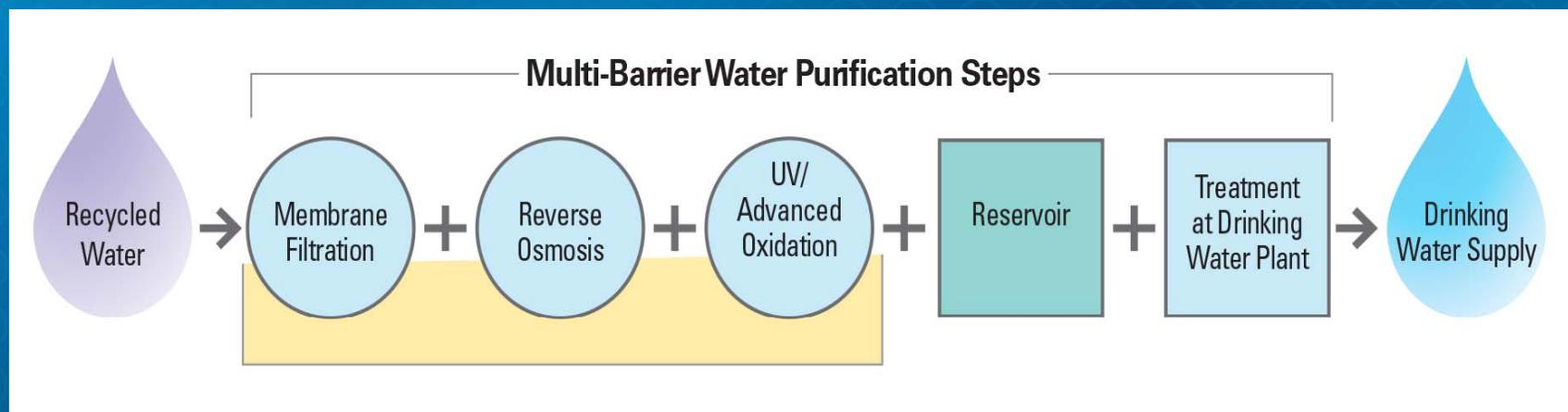


# Here's How it Will Work



# Pure Water Works for San Diego

- Demonstration Project confirmed the viability and safety of water purification
  - Produced 1 million gallons a day
  - Conducted 28,000+ laboratory tests to date
  - Water met all drinking water standards
  - Exceptional water quality – comparable to distilled water
  - Energy use is comparable to imported water and cost is approximately \$1,700 – 1,900 per acre-foot
- City Council Point Loma permit application approval, Nov. 18, 2014



# Developing Our Local Water Supply

Initial  
Phase  
2021

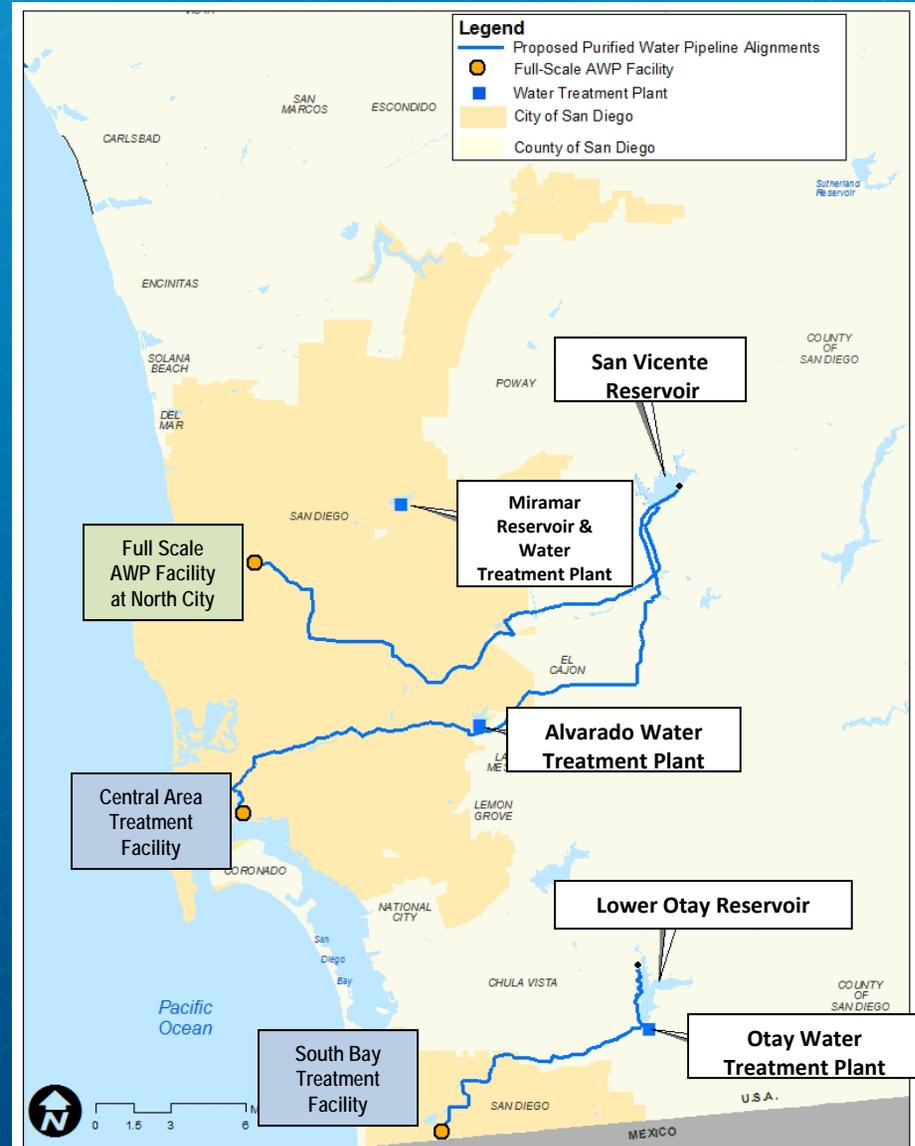
Up to 30 MGD

Wastewater will be purified at North City Plant and delivered to San Vicente or Miramar Reservoir

Long  
Term  
2035

83 MGD

Wastewater will be purified at the Central Area Treatment Facility and South Bay Plant and delivered to San Vicente and Otay Reservoirs



# AWP Facility Operations

- Using grant funds to continue testing and monitoring
- Researching additional barriers

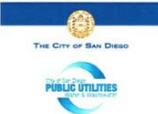


Ozonation



Biological Activated Carbon (BAC) Filters



**Please check all that apply:**

- I support the Pure Water San Diego Program.
- I would like to receive updates about Pure Water San Diego.
- I would like a presentation given to my organization.

**Please send information to:**

Name: \_\_\_\_\_ Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

[purewatersd@sandiego.gov](mailto:purewatersd@sandiego.gov) • (619) 533-7572 • [www.purewatersd.org](http://www.purewatersd.org)

# What Can I Do?

- Visit our website:  
[www.purewatersd.org](http://www.purewatersd.org)
- Request a presentation:  
[PureWaterSD.org/presentations](http://PureWaterSD.org/presentations)
- Join our mailing list or sign a support card



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