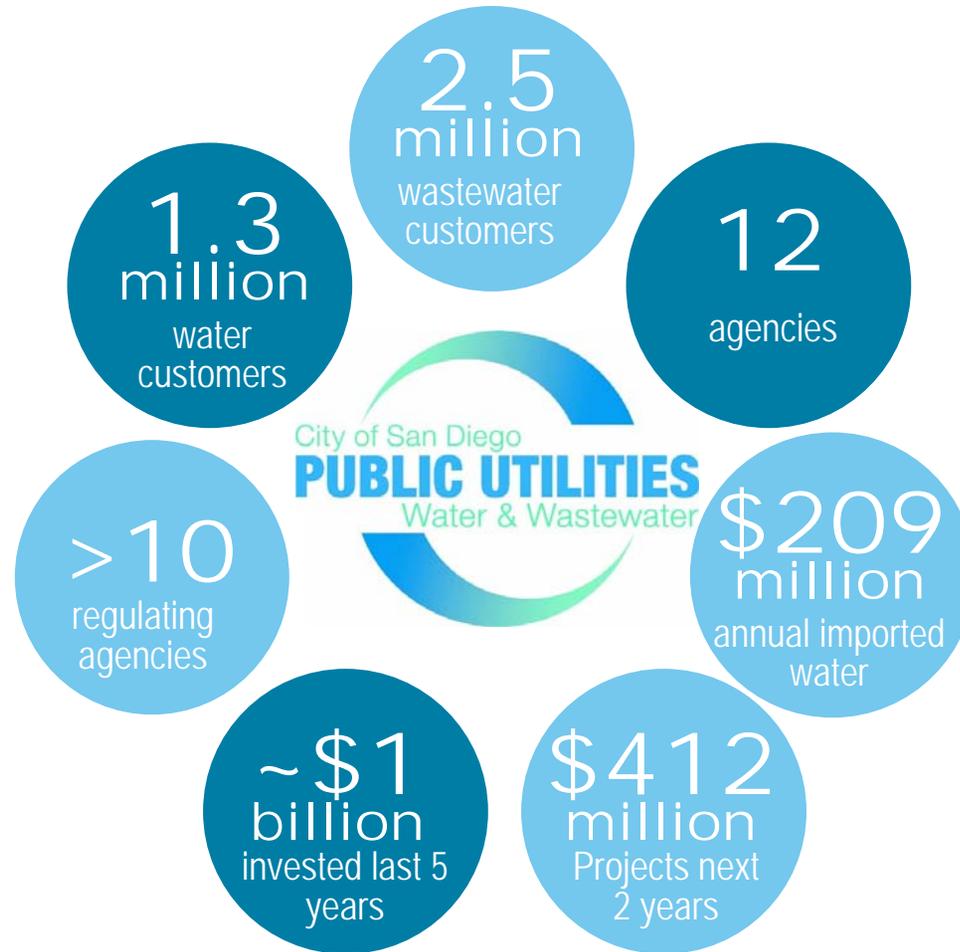




Pure Water San Diego

Program

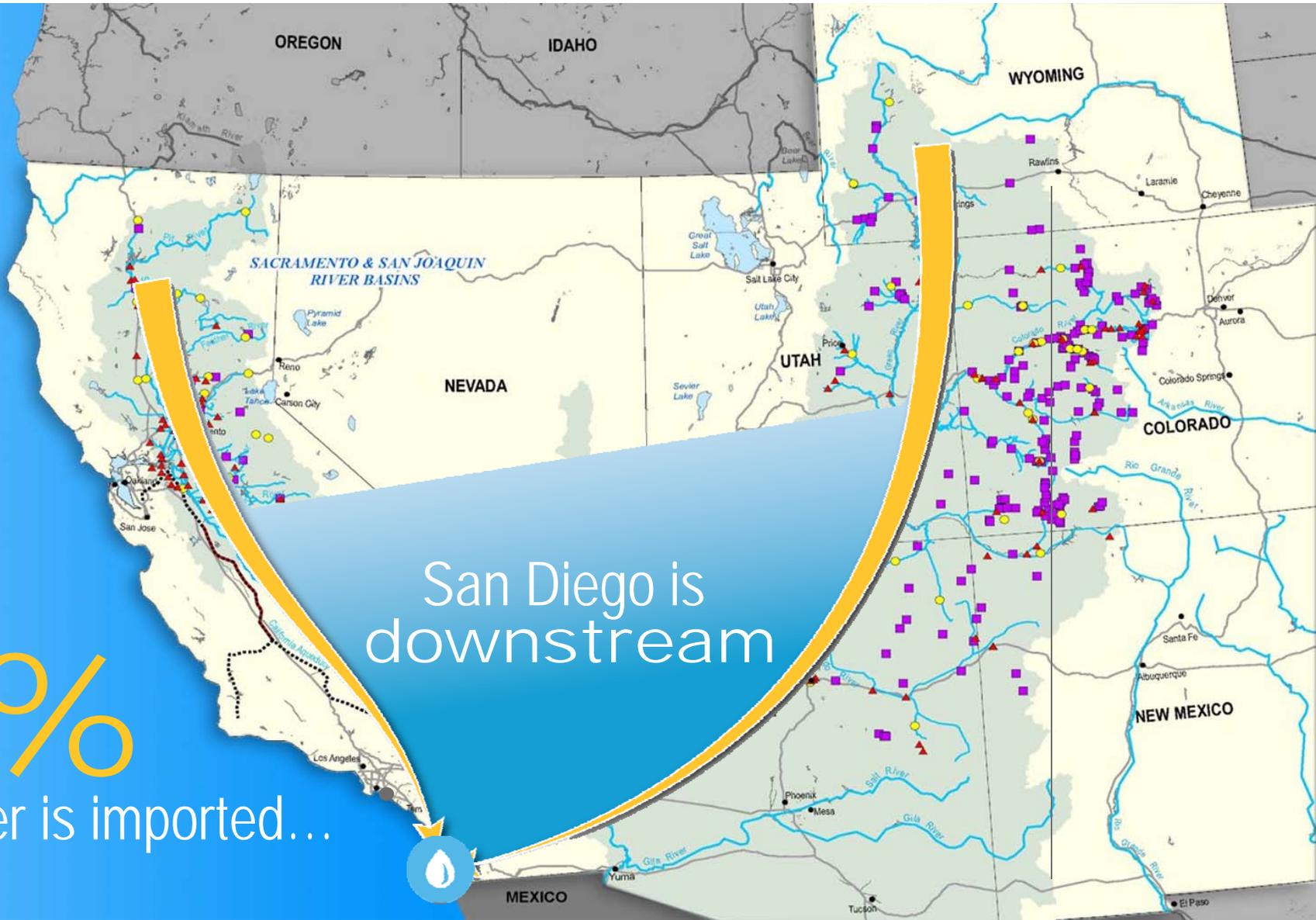
San Diego PUD: The Numbers



85%

of our water is imported...

San Diego is
downstream



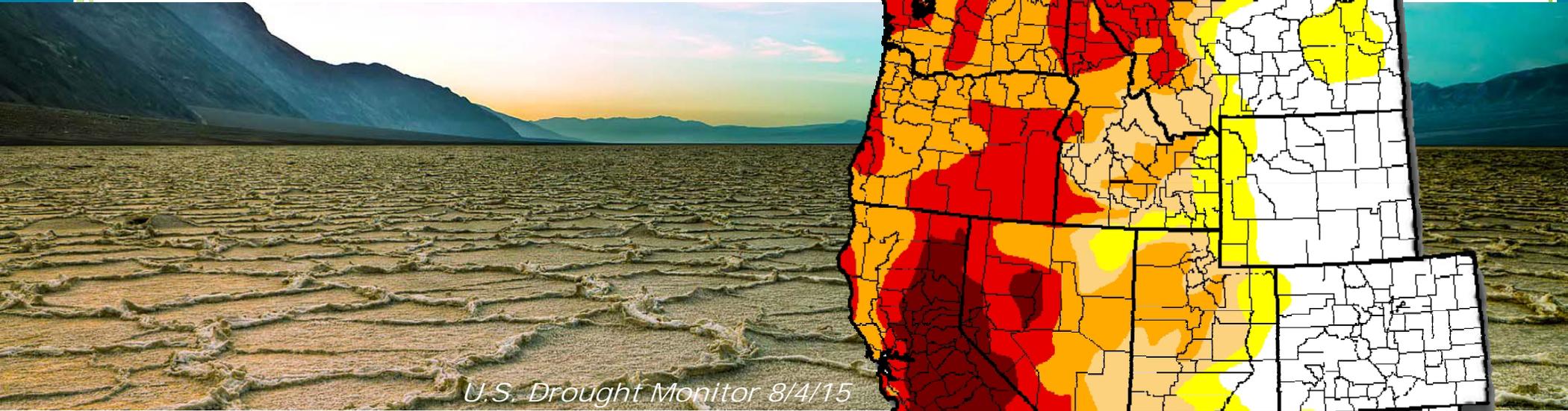
We Face Numerous Water Challenges

Imported water cost per acre-foot



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

We are in a drought



U.S. Drought Monitor 8/4/15

It's time to get serious about the California drought

- San Diego Union Tribune, 3/23/15

What is Being Done?

Multi-faceted Approach:

- Conservation
- Desalination
- Groundwater Development
- Recycled Water
- Pure Water Program



What is Pure Water San Diego?



Safe



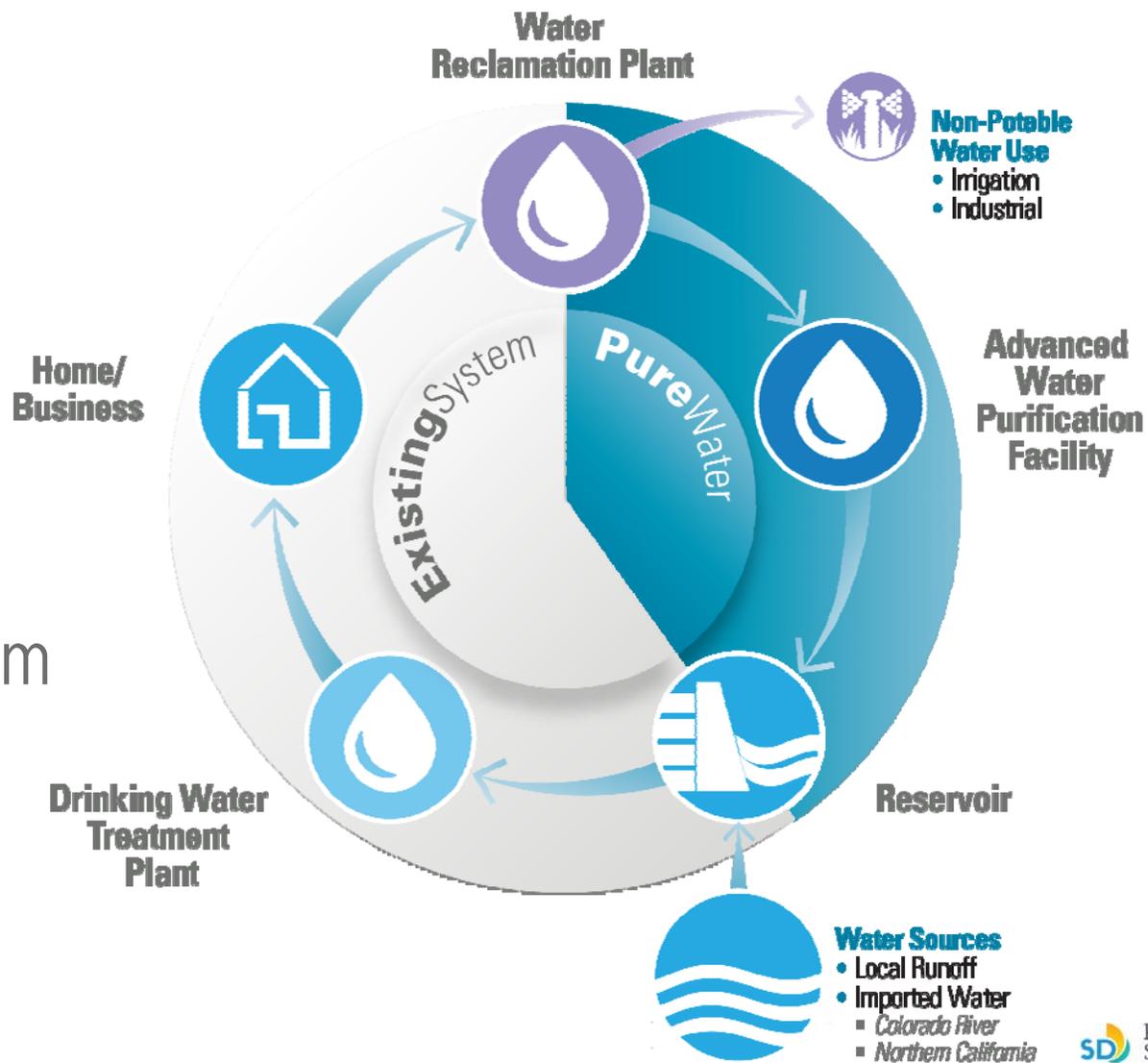
Reliable



Cost-effective

Existing System...

Primarily a Single-Use System



Pure Water Uses Proven Technology



Membrane Filtration



Reverse Osmosis



Advanced Oxidation/UV Light

Pure Water Runs a Successful Demonstration Plant



- 28,000 lab tests: Met all standards
- Water quality: Exceptional
- Energy use: Less than imported water

Pure Water Independent Advisory Panel



Provides Stamp of Approval

- Local & National Experts
- 9 PhDs focused in water quality, & public health

Pure Water Treatment Processes

A Long Track Record of Success



Orange County, California

37
years



Fairfax, Virginia

30
years

Meeting 100% of Water Quality Standards

Program Goals

Original Program Goals

	Output	Location
Phase 1	15 mgd by 2023	North City
Phase 2	Additional 15 mgd by 2027	South Bay
Phase 3	Additional 53 mgd by 2035	Central Area
Total	83 mgd	

Accelerated Program Goals

	Output	Location
Phase 1	30 mgd by 2021	North City
Phase 2	Additional 53 mgd by 2035	Central Area South Bay <small>(as needed)</small>
Total	83 mgd	

Pure Water Reservoir Augmentation Concept



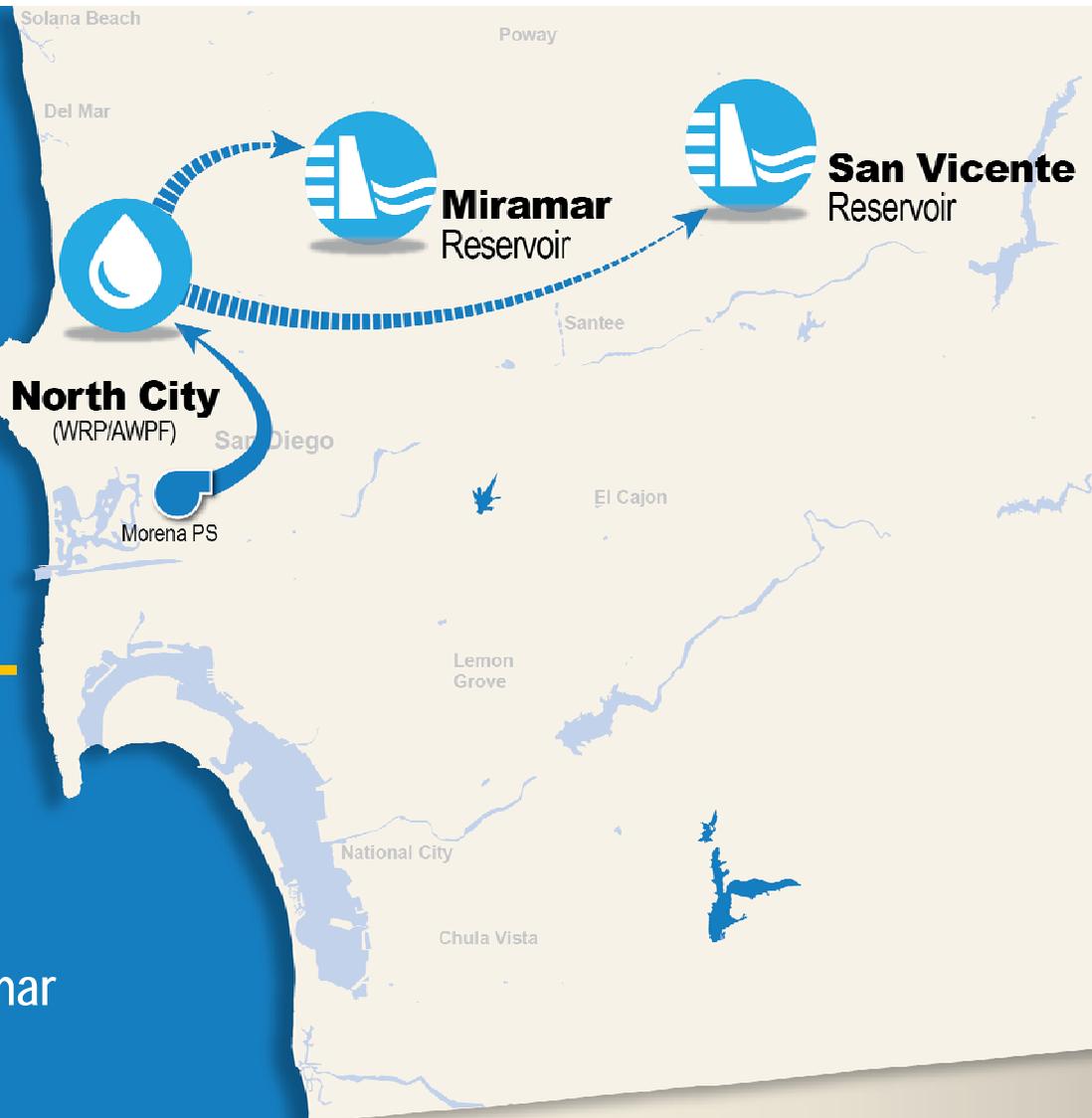
Involved **Close Coordination** with **Regulators**

- **APPROVED** by California Division of Drinking Water (2012)
- **SUPPORTED** by the Regional Water Board (2013)

Pure Water
will produce
1/3
of your water
locally

Phase 1

- 2021 Completion
- 30 mgd
- North City AWPF to San Vicente or Miramar



Pure Water
will produce
1/3
of your water
locally

Phase 2

- 2035 Completion
- 53 mgd
- Central Area AWPf to San Vicente or Lake Murray
- South Bay AWPf to Lower Otay Reservoir (if needed)



Who Supports Pure Water?



What Can I Do?



www.PureWaterSD.org

Sign up for a tour of the
Advanced Water Purification Facility!



Pure Water San Diego



PureWaterSD



@PureWaterSD

Join our **mailing list** and sign a **support card**