

# City of Oxnard's Water

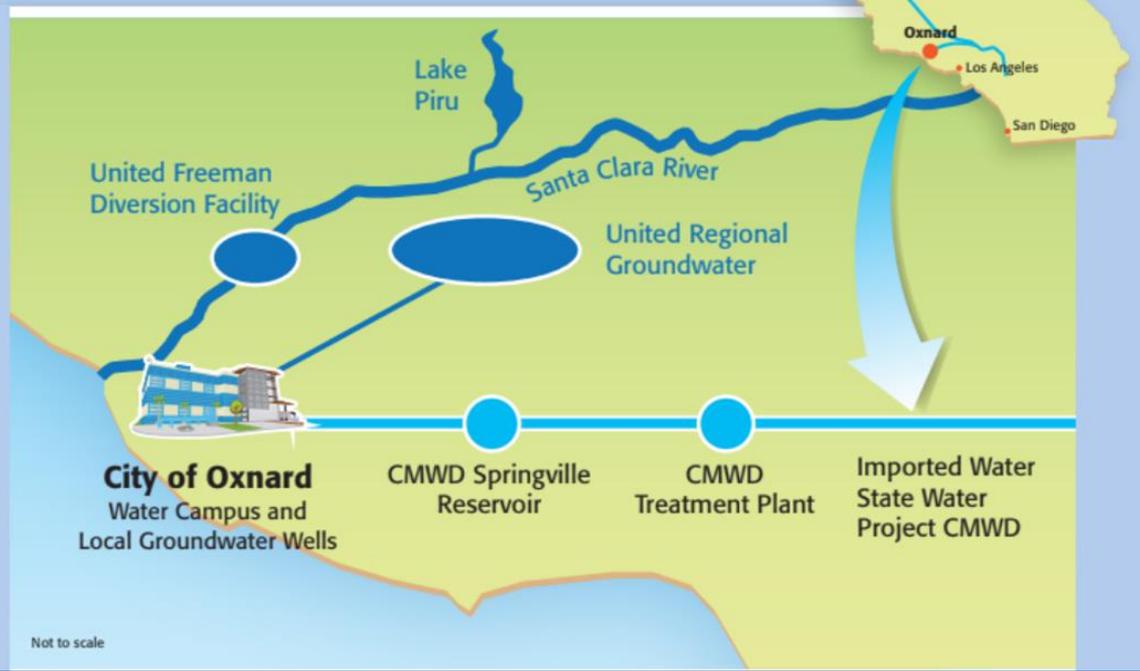
County of Ventura Water Town Hall Meeting  
September 8, 2022

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Water Division Manager



## Water Supply Map

Oxnard Water is a blend of imported water, regional groundwater, and local Oxnard groundwater.



**Imported Purchased Surface Water**  
~34%



**City Pumped Groundwater**  
~36%



**Local Purchased Groundwater**  
~30%

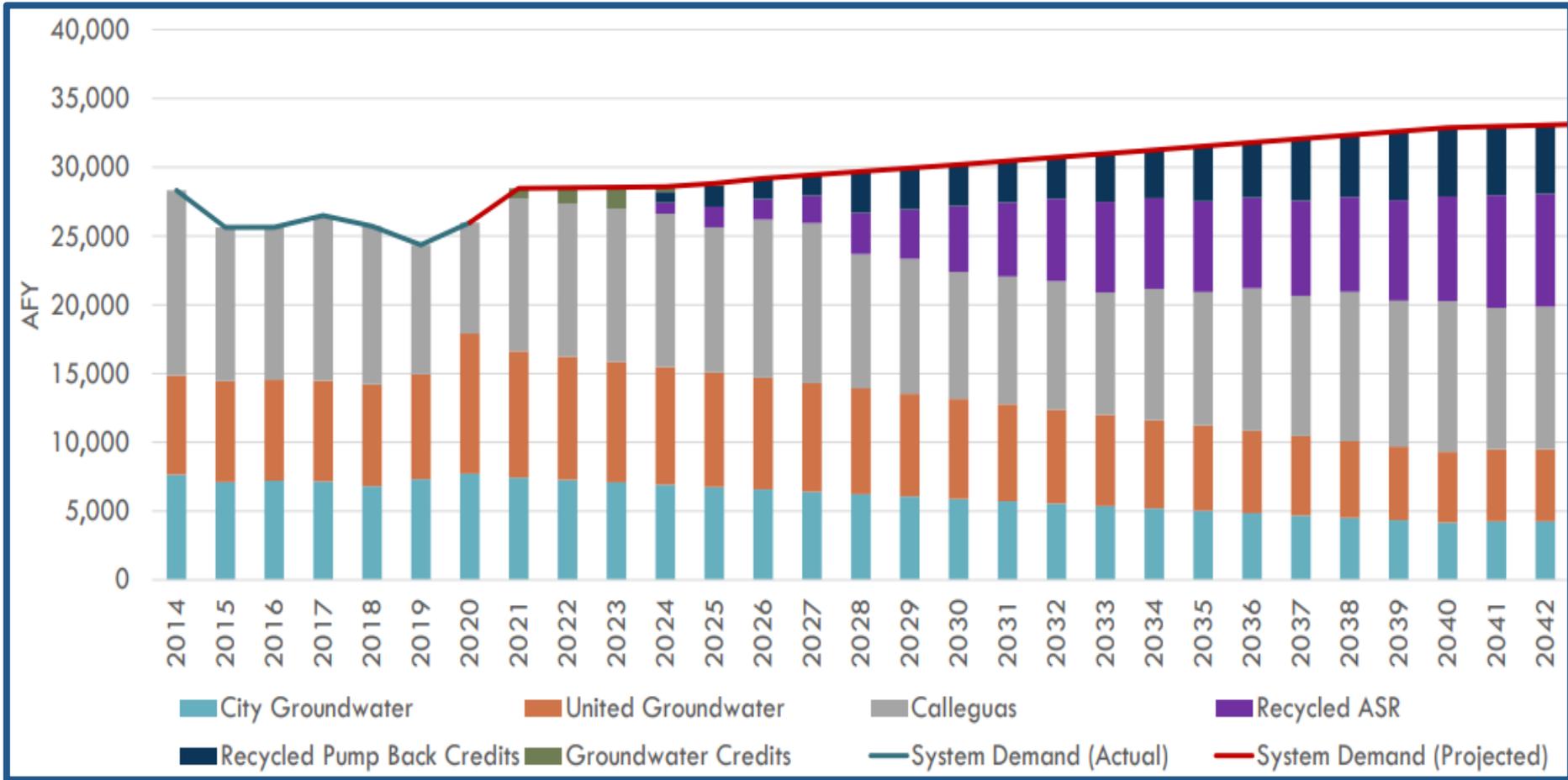
- Oxnard produces over 25 million gallons of safe and reliable drinking water per day to over 200,000 customers
- Customers are comprised of residential, commercial, institutional, and agricultural



The infographic is contained within a blue-bordered box and is divided into three vertical sections. Each section features an illustration at the top, a large blue number in the middle, and descriptive text below. The first section shows a water tap with a woman catching a drop of water, representing 25 million gallons. The second section shows a family of four standing in front of a house, representing 200,000 residents. The third section shows people sitting on a park bench with a stroller, representing hundreds of schools, parks, hospitals, and businesses.

Metric	Value
Water Production	25 MILLION GALLONS
Residential Customers	200 K RESIDENTS
Commercial/Institutional Customers	100s of SCHOOLS, PARKS, HOSPITALS, BUSINESSES + MORE

# CURRENT WATER SUPPLY AND DEMAND PROJECTIONS



- (1.) Potable water for irrigation of non-functional turf is prohibited
- (2.) Watering functional turf (including residential lawns), shrubs and other vegetation limited to one day/week, 10 minutes per day per station (except hand watering, drip irrigation, sport activity)
- (3.) Use of potable water to landscapes within 48 hours after rainfall is prohibited
- (4.) The irrigation of newly constructed homes and building exteriors with potable water is prohibited unless drip or microspray systems are used
- (5.) The use of potable water in a fountain or other decorative water feature is prohibited, except where the water is part of a recirculating system

**\* We've made lots of conservation outreach efforts & spread the word on the multiple rebate programs**

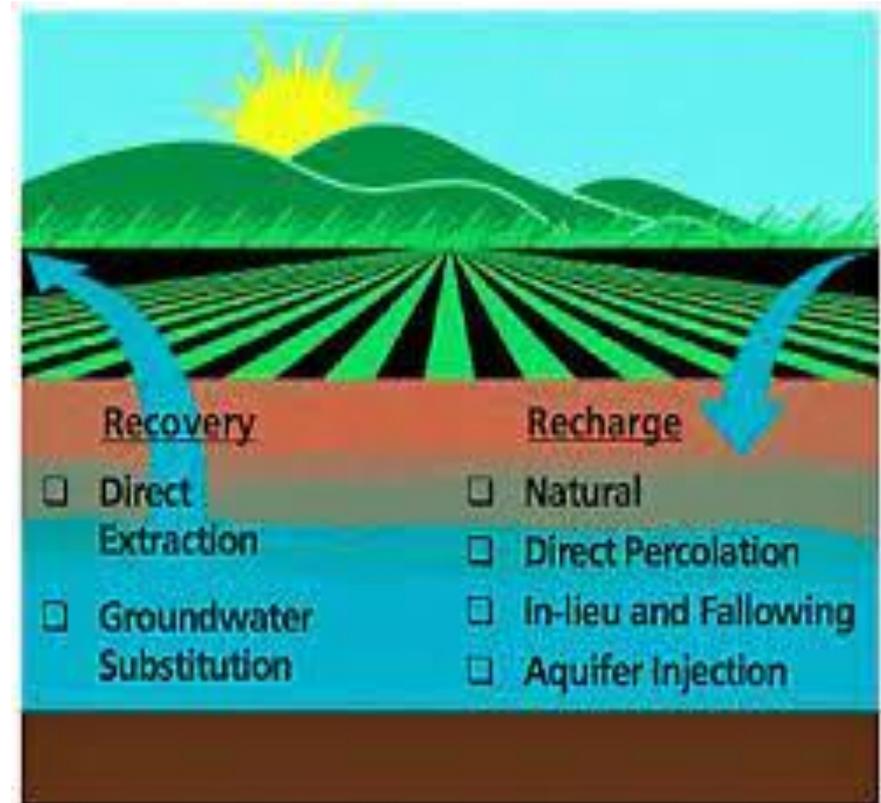
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We must coordinate as a region

- We have more in common in our water needs, and we would all benefit from increased coordination

Conjunctive Use:

- Coordinated use of various sources of water to maximize sufficient yield
- This means in a drought, pump more groundwater, and at other times, buy more State water or use recycled water to bank for the future



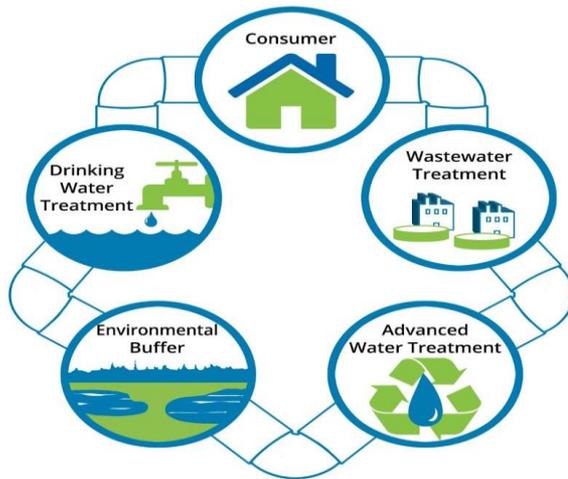
# I. DIRECT/INDIRECT POTABLE REUSE PERMITTING FOR DROUGHT SOLUTIONS

Critical Need to Partner and Coordinate With our Legislators:

The Governor's latest water strategy report, released a few weeks ago, says DPR will be allowed in 2023. We must see this through!

- Use historical data and projects to streamline State DPR/IPR permit process
- DPR or IPR projects allowed ASAP.

**Indirect Potable Reuse**



**Direct Potable Reuse (DPR)**



## 2. FIND FUNDING AS A SOLUTION TO BUILD OUT RECYCLED WATER FACILITY & INJECTION WELLS

Build out Oxnard's recycled water facility (Advanced Water Purification Facility) and build additional aquifer storage and recovery (ASR) wells

- The AWPf is already built, and today we recycle Oxnard's wastewater into ultra-pure water
- One ASR well is currently in construction
- The Council has already approved expansion of the AWPf
- We obtained a WIFIA loan and are actively applying for additional grants
- Work collaboratively with the State to utilize significant State funding surplus, especially with the large amount of funding for water infrastructure
- We will also be looking to Metropolitan Water District to obtain any funding opportunities

### 3. AMEND WATER RATE STRUCTURE, BUY MORE IN WET YEARS, AND STORE WATER IN BASIN

Need to develop a water rate structure that incentivizes the purchase of State water in wet years

- Oxnard looks forward to partnering with Calleguas and Met Water on this
- The objective is overbuying State water in wet years and storing it in the groundwater basin
- We could pump this water and stored recycled water out in dry years, which would help to “drought proof” Oxnard
- This also requires our partnership and coordination with Fox Canyon GMA to allow water banking for multiple years, ideally a decade



# QUESTIONS