

Santa Clara River Watershed Committee

October 28, 2021



Water Supply

Local Groundwater

- City extracts from the Oxnard Plain Groundwater Basin
- United Water Conservation District (United) extracts groundwater for the City further inland

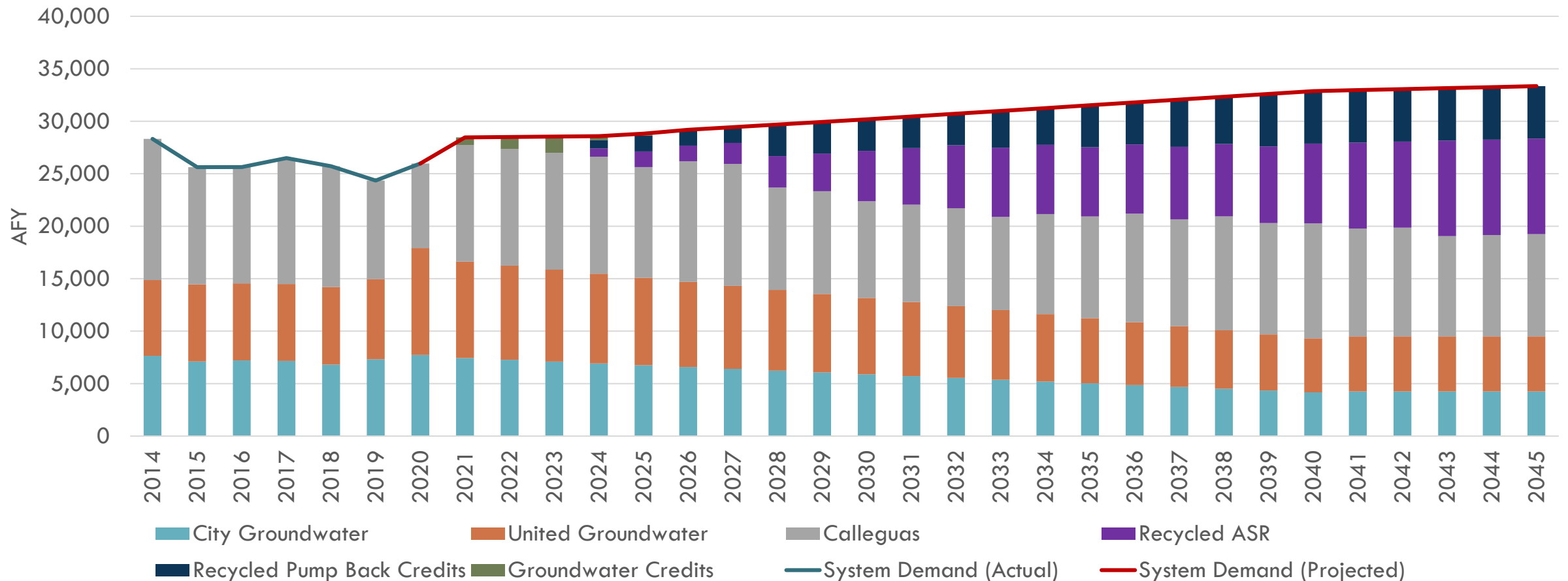
Imported Water

- City imports State Water Project (SWP) water through Calleguas Municipal Water District (Calleguas)

Recycled Water

- Produced at the Advanced Water Purification Facility (AWPF)
- Used for groundwater recharge and indirect potable reuse

Water Supply

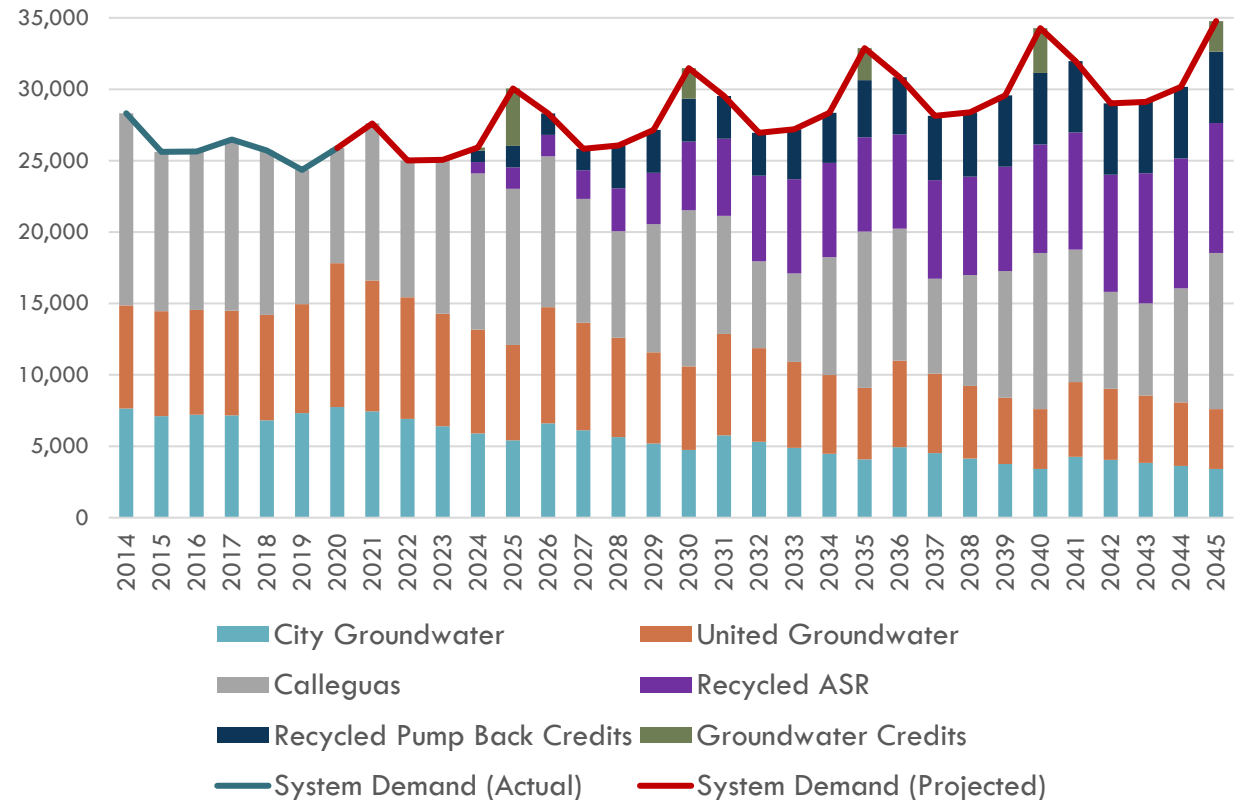


* All volumes in acre-feet-per-year (AFY). Aquifer storage and recovery (ASR)

Water Reliability & Drought Risk Assessment

- City supplies meet demands in normal, single dry, and five-consecutive years of drought through 2045

| | | 2025 | 2030 | 2035 | 2040 | 2045* |
|-------------|--------------------|----------|----------|----------|----------|------------|
| First Year | Supply Totals | 30,055 | 31,475 | 32,876 | 34,284 | 34,779 |
| | Demand Totals | 30,055 | 31,475 | 32,876 | 34,284 | 34,779 |
| | DIFFERENCE: | 0 | 0 | 0 | 0 | 0 |
| Second Year | Supply Totals | 28,311 | 29,533 | 30,837 | 31,978 | N/A |
| | Demand Totals | 28,311 | 29,533 | 30,837 | 31,978 | N/A |
| | DIFFERENCE: | 0 | 0 | 0 | 0 | N/A |
| Third Year | Supply Totals | 25,830 | 26,954 | 28,135 | 29,014 | N/A |
| | Demand Totals | 25,830 | 26,954 | 28,135 | 29,014 | N/A |
| | DIFFERENCE: | 0 | 0 | 0 | 0 | N/A |
| Fourth Year | Supply Totals | 26,062 | 27,204 | 28,387 | 29,113 | N/A |
| | Demand Totals | 26,062 | 27,204 | 28,387 | 29,113 | N/A |
| | DIFFERENCE: | 0 | 0 | 0 | 0 | N/A |
| Fifth Year | Supply Totals | 27,150 | 28,350 | 29,573 | 30,165 | N/A |
| | Demand Totals | 27,150 | 28,350 | 29,573 | 30,165 | N/A |
| | DIFFERENCE: | 0 | 0 | 0 | 0 | N/A |



* No projections after 2045, so these cells are not applicable (N/A). All volumes in acre-feet-per-year (AFY). Aquifer storage and recovery (ASR)

Water Shortage Contingency Plan (WSCP)

- Provides flexible guidelines for the City Council, staff, and the public for identifying anticipated water shortages and response actions to allow for efficient management of any water shortage
- Six standard stages with potential triggers considered including:

- Historic and estimated supplies by source
- Historic and estimated demands
- Drought declarations
- State-mandated declarations
- Production capacity limitations
- Catastrophic supply interruptions
- Coordination with neighboring agencies

| STAGE | SHORTAGE LEVEL |
|-------|------------------|
| 1 | Up to 10% |
| 2 | 10%-20% |
| 3 | 20%-30% |
| 4 | 30-40% |
| 5 | 40%-50% |
| 6 | Greater than 50% |

- WSCP is considered a standalone document and can be amended separately from the UWMP, if needed.

Demand Management Measures (DMM)

| DMM | Status |
|---|--------|
| 1. Water waste prevention ordinances | ✓ |
| 2. Metering | ✓ |
| 3. Conservation pricing | ✓ |
| 4. Public education and outreach | ✓ |
| 5. Real water loss management programs and systems | ✓ |
| 6. Water conservation program and staffing support | ✓ |
| 7. Other Demand Management Measures <ul style="list-style-type: none"> ➤ Residential Plumbing Retrofit ➤ Innovation Project ➤ School Education Programs ➤ Water Efficient Landscaping Resources and Water Conservation Demonstration Gardens ➤ Rebates | ✓ |



Questions?

WASC