



April 16, 2024

ITEM NO.
5.1

Recycled Water Use Ordinance

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Presentation Objectives

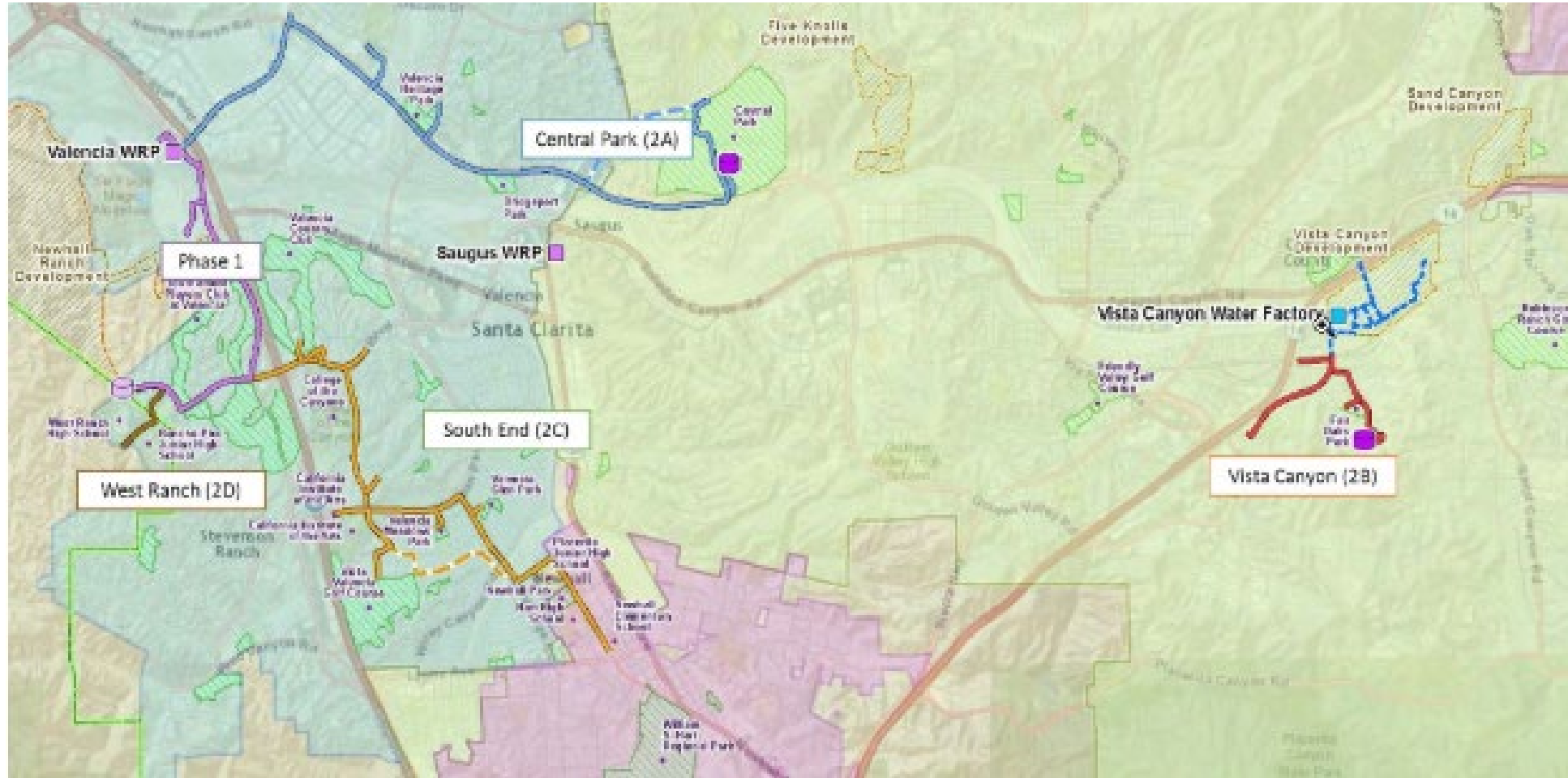
1. Overview of Current and Planned Extension Recycled Water Use in the SCV
2. Review of SCV Water Recycled Water Conversion Incentives (Purple PREP)
3. Discuss State Grants to Expand Recycled Water Use in the SCV
4. Review of Recycled Water Use Ordinance
5. Provide Staff Recommendation
6. Questions and Answers

Recycled Water Use in the SCV (Current)

1. Recycled Water in Use since 2003
2. Serves 18 Dedicated Irrigation Metered Customer Services
3. Provides ~450 Acre-Feet per Year
4. Discuss State Grants to Expand Recycled Water Use in the SCV
5. Currently Priced @ 80% of Potable Water Rate
6. New Drop Program
7. The Use of Recycled Water Conserves Drinking Water Supplies

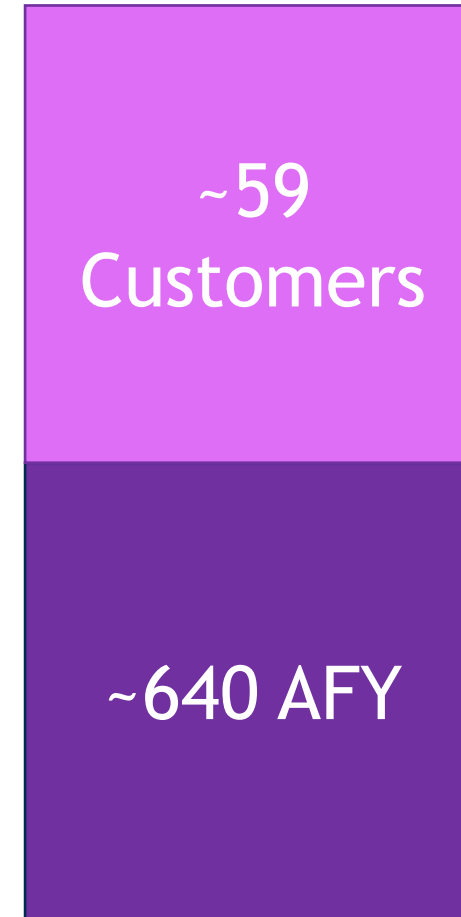


Recycled Water Use in the SCV (Current & Planned Extension Projects)



Recycled Water Use in the SCV (Planned Extension Projects)

1. Phase 2B
 1. ~27 Customer Services
 2. ~160 Acre-Feet per Year
2. Phase 2C
 1. ~13 Customer Services
 2. ~300 Acre-Feet per Year
3. Phase 2D
 1. ~19 Customer Services
 2. ~180 Acre-Feet per Year



Incentives for Recycled Water Conversion

1. Recycled Water Currently Priced at 80% of Potable Water Rate
2. SCV Water Purple PREP Program (Pilot Launched 2021)
 - Option A - Incentive Based on AFY
 - Option B - Direct Installation
- RW Customers are Exempt from AB 1572 (Non-Functional Turf Prohibition Beginning in 2029)



Requirements for Recycled Water Grants

- Proposition Round 1 IRWM Grant Awarded \$3M for Phase 2C (Reach 1)
- The State Water Resources Control Board Awarded (SWRCB) SCV Water an additional \$3.2M for Recycled Water Expansion
- The SWRCB has required SCV Water adopt a Recycled Water Use Ordinance to ensure uptake of RW supplies
- Grant funds provide value to SCV Water customers by reducing capital costs for granted projects and by conserving potable water supplies

Recycled Water Use Ordinance

CA Water Code §13550 Notes:

Water Code §13550: Use of potable domestic water for non-potable uses (Cemeteries, golf courses, parks, highway landscaped areas, industrial and irrigation uses) is a waste or unreasonable use if recycled water is available;

- Source must be of adequate quality;
- Furnished at a reasonable cost;
- Not detrimental to public health;

Additional/Potential Uses of RW: Residential irrigation, cooling towers, air-conditioning devices, floor trap priming, toilet and urinal flushing (Water Code §13552.6-13554).



Recycled Water Use Ordinance (Cont.)

Key Components of SCV Water Proposed RWUO:

- Provides Authority and Administration
- Outlines Determination of Recycled Water Use Area and Mandatory Use
 - Specifies Water Quality, Availability, and Reasonable Cost Considerations
- Identifies Impacted Customers
 - Mandatory Conversion
 - Customer Requests



Recycled Water Use Ordinance (Cont.)

Key Components of SCV Water Proposed RWUO:

- Considerations for New Development and Alterations
- Customer Grievance Procedure and Protocols
- Violations and Enforcement
 - Termination of Service



Staff Recommendation

The Water Resources and Watershed Committee recommends that the Board of Directors adopt the Ordinance to Provide for the Mandatory Use of Recycled Water Within the Agency's Service Area.



Q&A



Thank you!

