



**SCV**  
**WATER**

ITEM NO.  
7.1

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# Recycled Water Update

Customer Conversion Support - Purple PREP &  
DRAFT Required Use Ordinance

SCV Water Board of Directors  
January 5, 2021  
Item No. 7.1

# Primary Objectives

1. Recycled Water Projects for Existing Customers
2. Customer Conversion Overview
3. Purple PREP Pilot Program
4. Draft Required Use Ordinance
5. Next Steps



Recycled Water  
Planning, Readiness &  
Effectuating Program

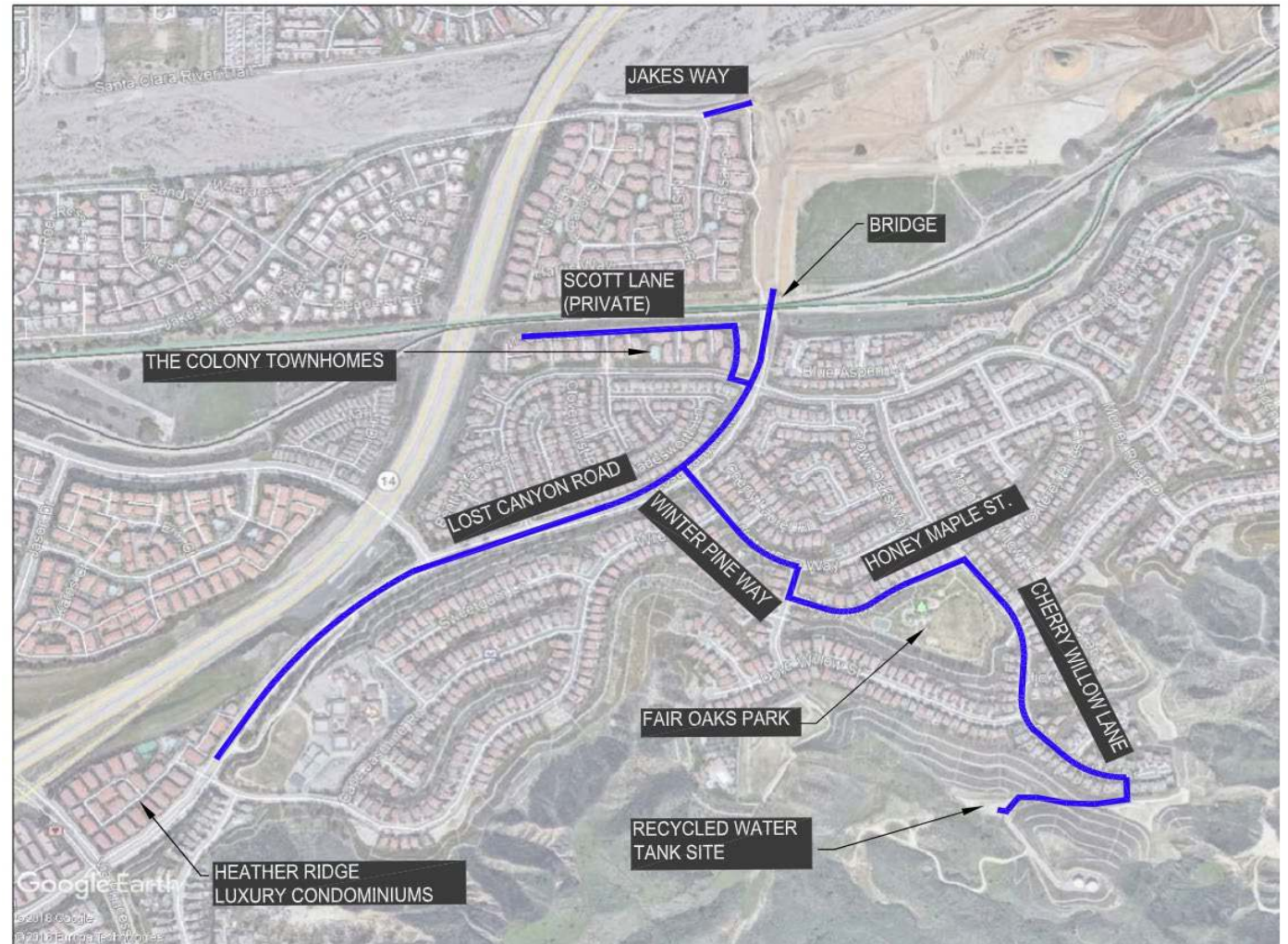


# Recycled Water Projects for Existing Customers



# Vista Canyon Recycled Water Main Extension (Phase 2B) Project

- ~17 existing irrigation meters
- 163 AFY of existing irrigation demands
- 10,870 L.F. (12", 8" and 6") DIP pipe
- 2 X 500,000 Gallon Tanks
- Connect to Water Factory



# West Ranch Recycled Water Main Extension (Phase 2D) Project

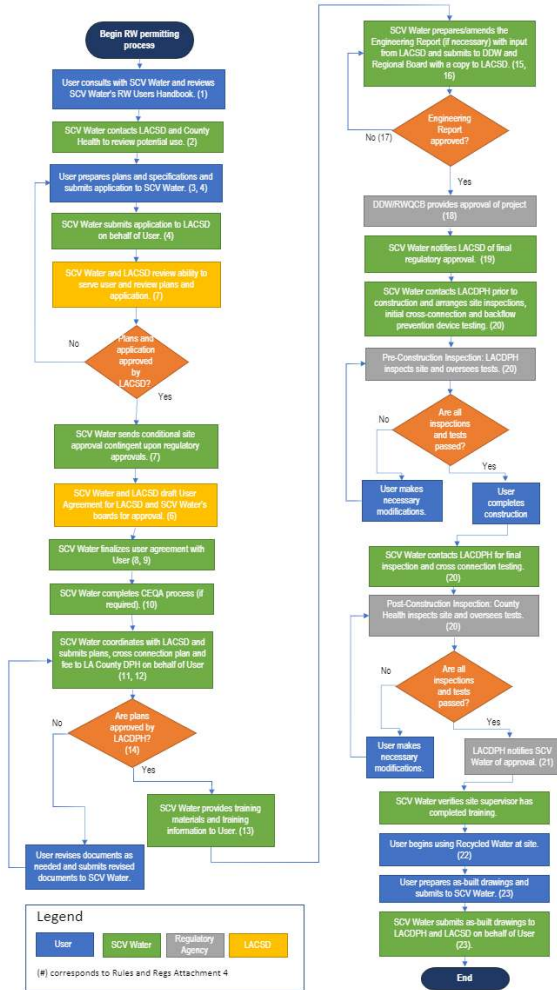
- ~20 existing irrigation meters
- 211 AFY of existing irrigation demands
- 4,850 L.F. (12" and 6") DIP pipe
- 1,000 gpm Pump Station
- 1 Hydropneumatic tank (2,500 Gallons)



# Customer Conversion Overview

- Project Administration and Coordination
- Conversion Plan Preparation and Application
- Pre-Construction Modifications
- Construction
- Post-Construction Modifications
- Recycled Water Use
- As-Built Drawings and Submittal
- RW Site Maintenance Training & Use

Flowchart to Obtain Recycled Water Produced at LACSD's Valencia WRP Distributed by SCV Water - DRAFT



# Purple PREP Pilot Program

- SCV Water staff met with customers to determine customer conversion requirements
- Customers identified that **technical, material, financial, construction, and administrative** support is critical for existing sites to retrofit irrigation systems
- SCV Water developed Purple PREP (Planning, Readiness, and Effectuating Program) to assist our customers with all regulatory compliance requirements and eliminate cost burdens to customers



# Purple PREP Pilot Program

Component	Option A	Option B
Financial (Incentive or Cost Coverage)	\$150/AF x 5 Years	100%
Administrative	Partial	Full
Technical	Yes	Yes
Material	No	Yes
Construction	No	Yes
Rebate Transfer Eligibility	Yes	NA





# Draft Required Use Ordinance

**Recycled water:** Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur and is therefore considered a valuable resource (Water Code §13050(n)).

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

- Source must be 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).



# Draft Required Use Ordinance

## Purpose(s):

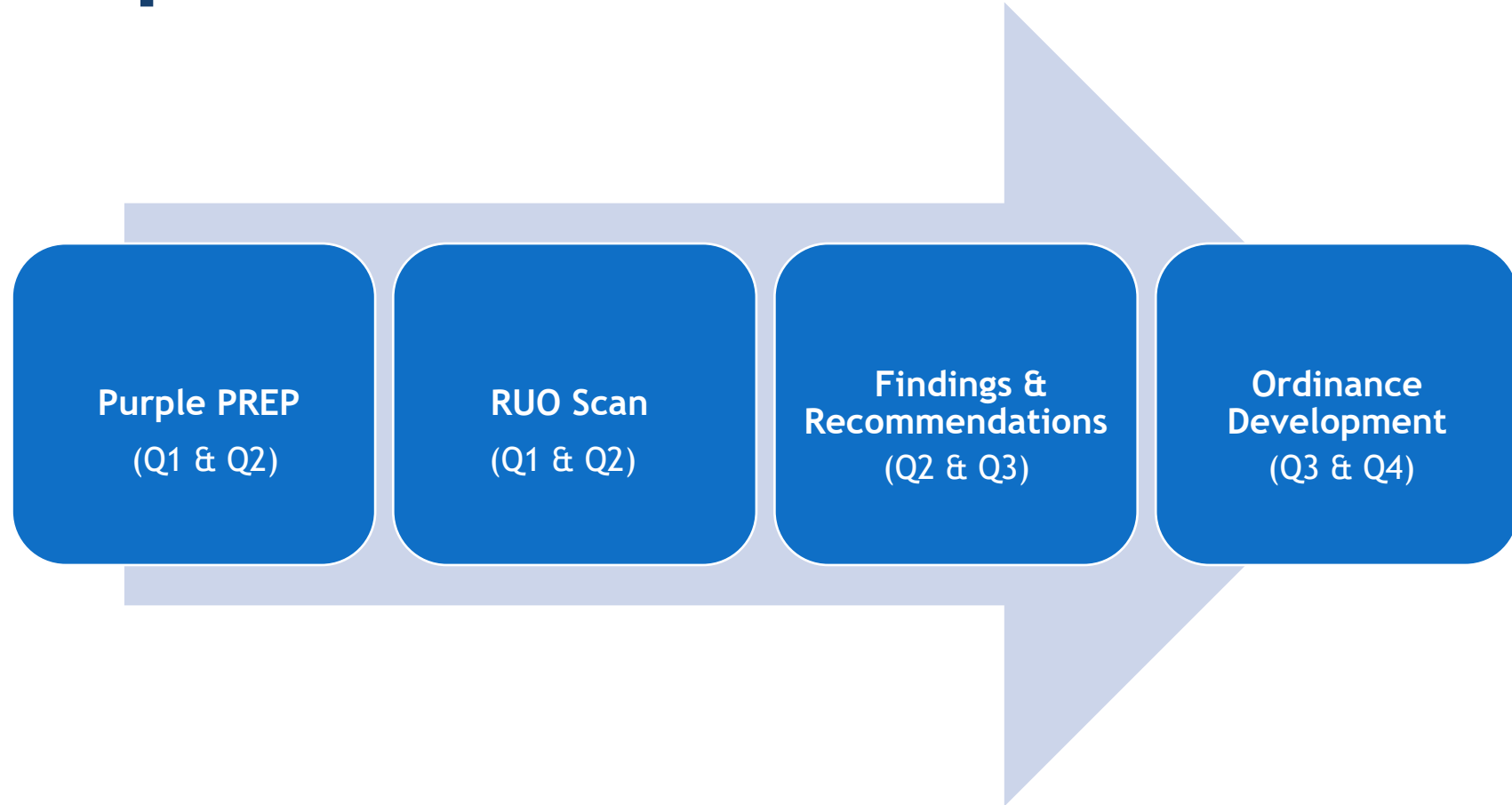
- Allowable uses include landscape irrigation, agricultural irrigation, building evaporative cooling and HVAC, industrial process water, and construction water.
- Supports SCV Water's sustainability and water conservation goals.
- Requires use of recycled water for all approved uses where economical and practical.

## Key Components:

- Required use for landscapes >2,500 square feet or use >50,000 gallons annually.
- Required use for non-exempt parcels where recycled water is available.
- Required use for fronting parcels pursuant to new recycled water distribution mains.



# Next Steps



# Thank You



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