



SCV
WATER

Matthew S. Dickens, MPA
Resource Conservation Manager

Recycled Water Update

Construction, PREP, and Ordinance Overview

Water Resources and Watershed Committee
August 12, 2020
Item No. 3.2

Primary Objectives

1. Status of Recycled Water Construction
2. Review Purple PREP Pilot Program
3. Overview of Recycled Water Required Use Ordinances
4. Next Steps

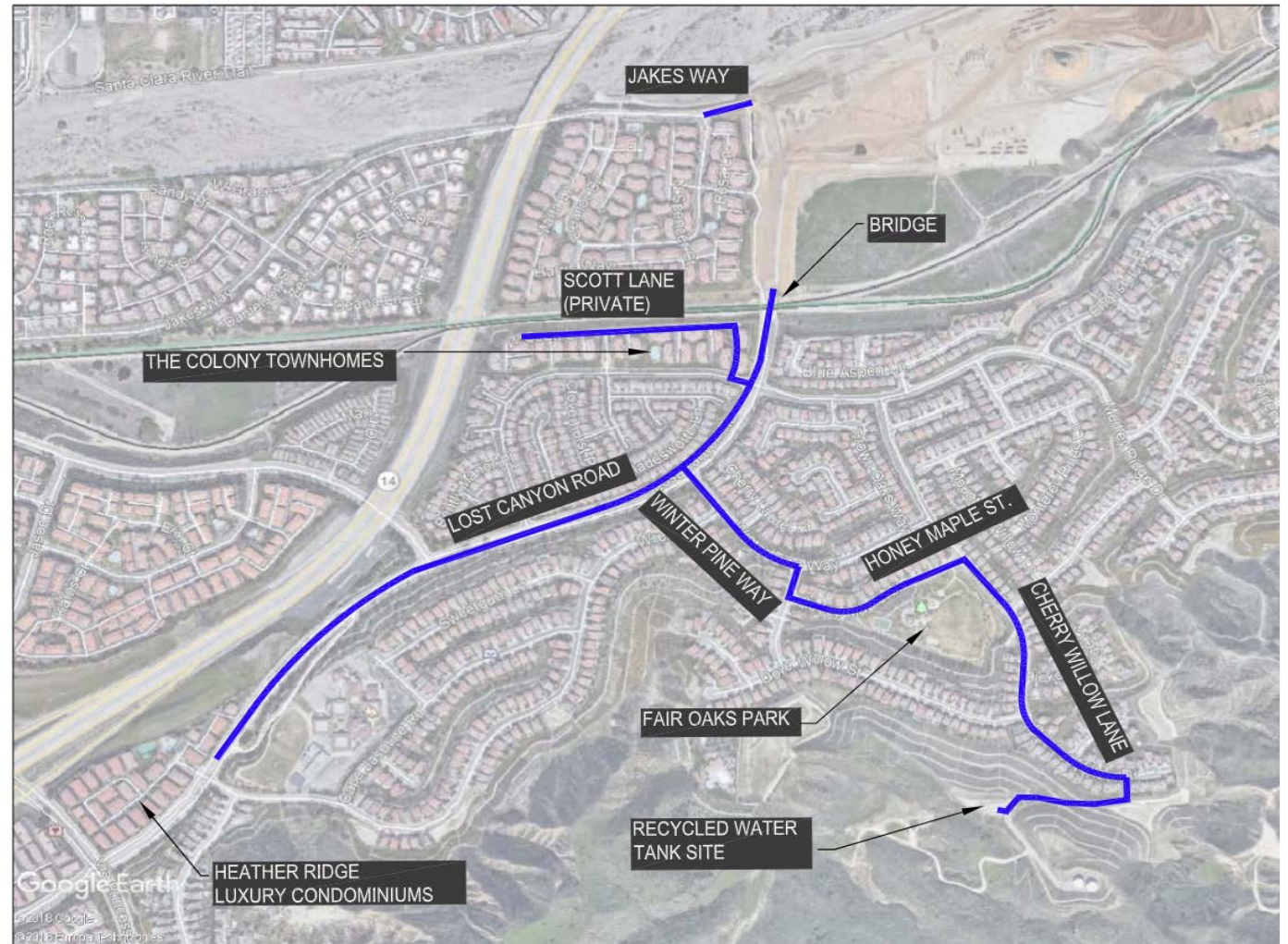


Status of Recycled Water Construction



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



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



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)



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



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



Recycled Water Main Extension (Phase 2B & 2D) Projects Project Schedule and Next Steps

- Project Schedule:

- 2B Construction estimated completion date is end of December 2020
- 2D Construction estimated completion date is end of October 2020

- Next Steps:

- Complete construction and test Pump Station and Pipelines
- Complete Onsite retrofit of selected irrigation sites
- Perform Onsite Shutdown test at sites
- Convert the site over to recycled water!

Purple PREP Pilot Program

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



Purple PREP Pilot Program

- Woodard & Curran contracted to facilitate irrigation system conversion and permitting requirements
- Irrigation plans being revised to show Recycled Water modifications
- Application and permitting fees being prepared for submission
- Customer landscape contractor to modify irrigation system in compliance with approved plan
 - Staff to develop plan to enable SCVWA to transfer customer's incentive for irrigation modifications to contractor directly



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;

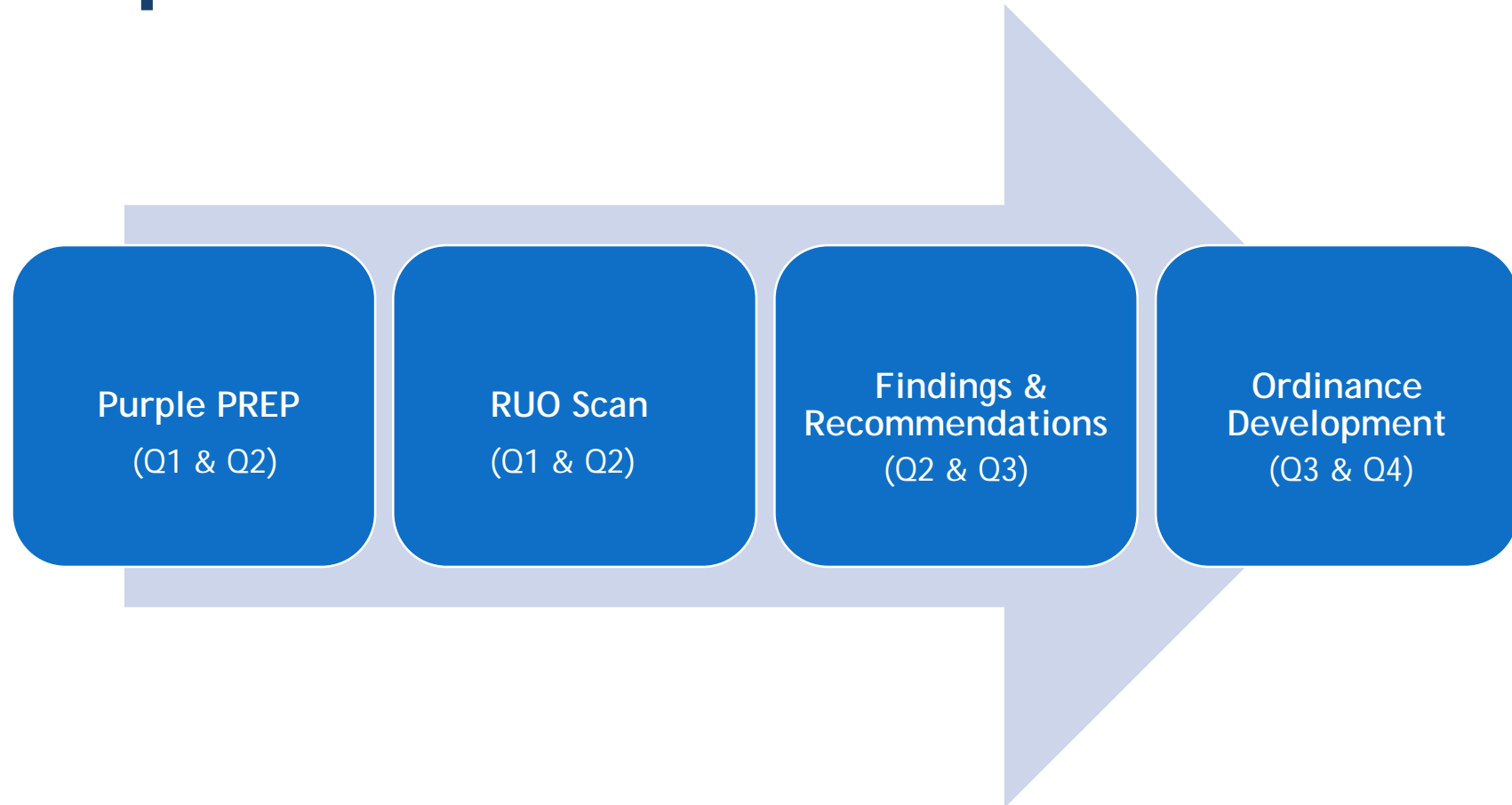
Additional/Potential Uses of RW: Residential irrigation, cooling towers, air-conditioning devices, floor trap priming, toilet and urinal flushing (Water Code §13552.6-13554).



Required Use Ordinance

CAM	SCV Water	Burbank W&P	IRWD	IEUA
Required Use Ordinance	No	Yes	Yes	Yes
Surcharge for Non-Use	NA	No	No	Yes
Customer Opt-Out	NA	No	Yes (Written Notice)	Yes (Appeals Process)
Existing/New Customer	NA	Both	Both	Both
Restrictions Exempt	NA	Exempt	Not Exempt	Exempt
Incentive Programs	In Progress	Rebate (MWD)	(MWD)	10 Year Loan (MWD)

Next Steps



Thank You



Matthew S. Dickens, MPA
Resource Conservation Manager
SCV Water
mdickens@scvwa.org

Janet Keith
Water Conservation Specialist II
SCV Water
Jkeith@scvwa.org