

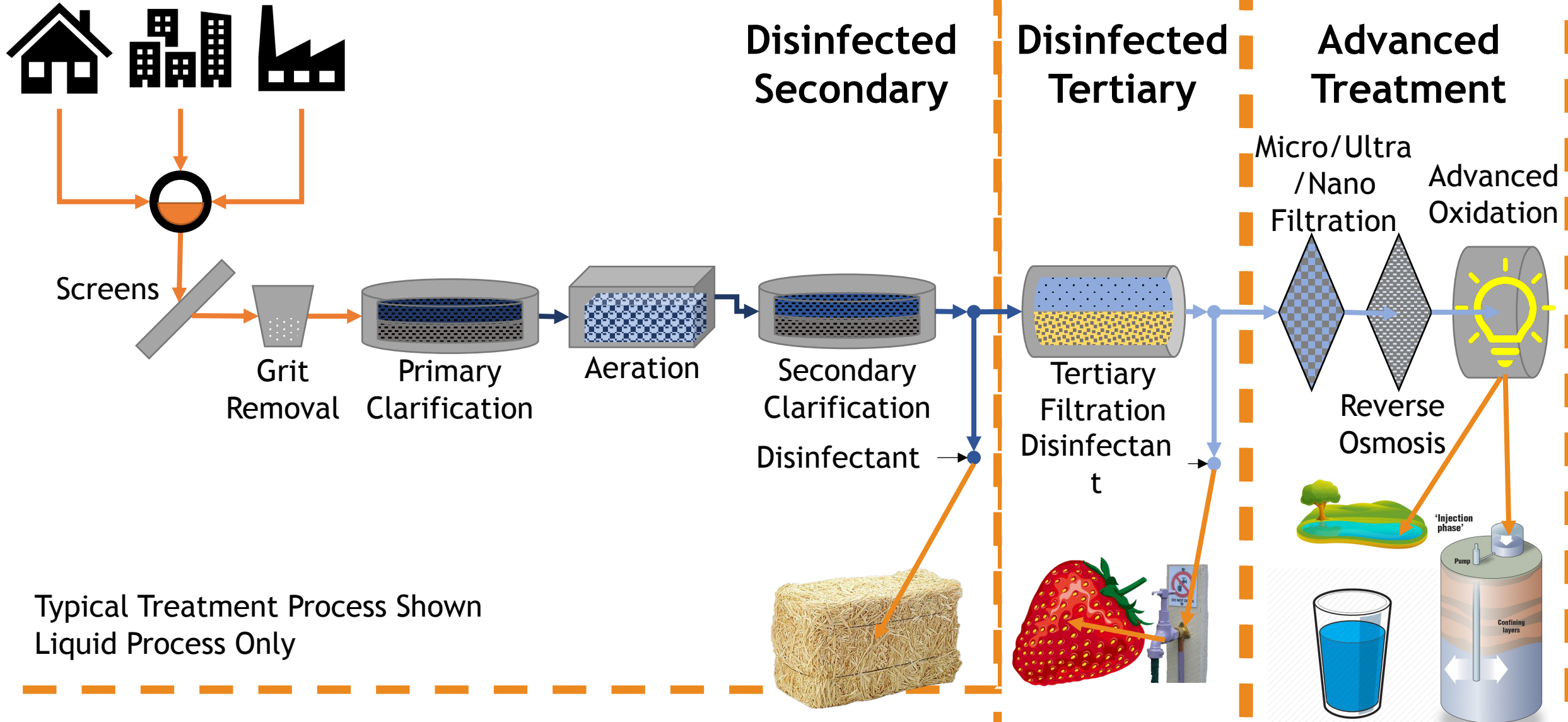


Collaboration Pays Off – Recycled Water Use on the Oxnard Plain is Expanding!

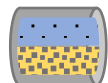
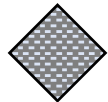
October 26, 2023

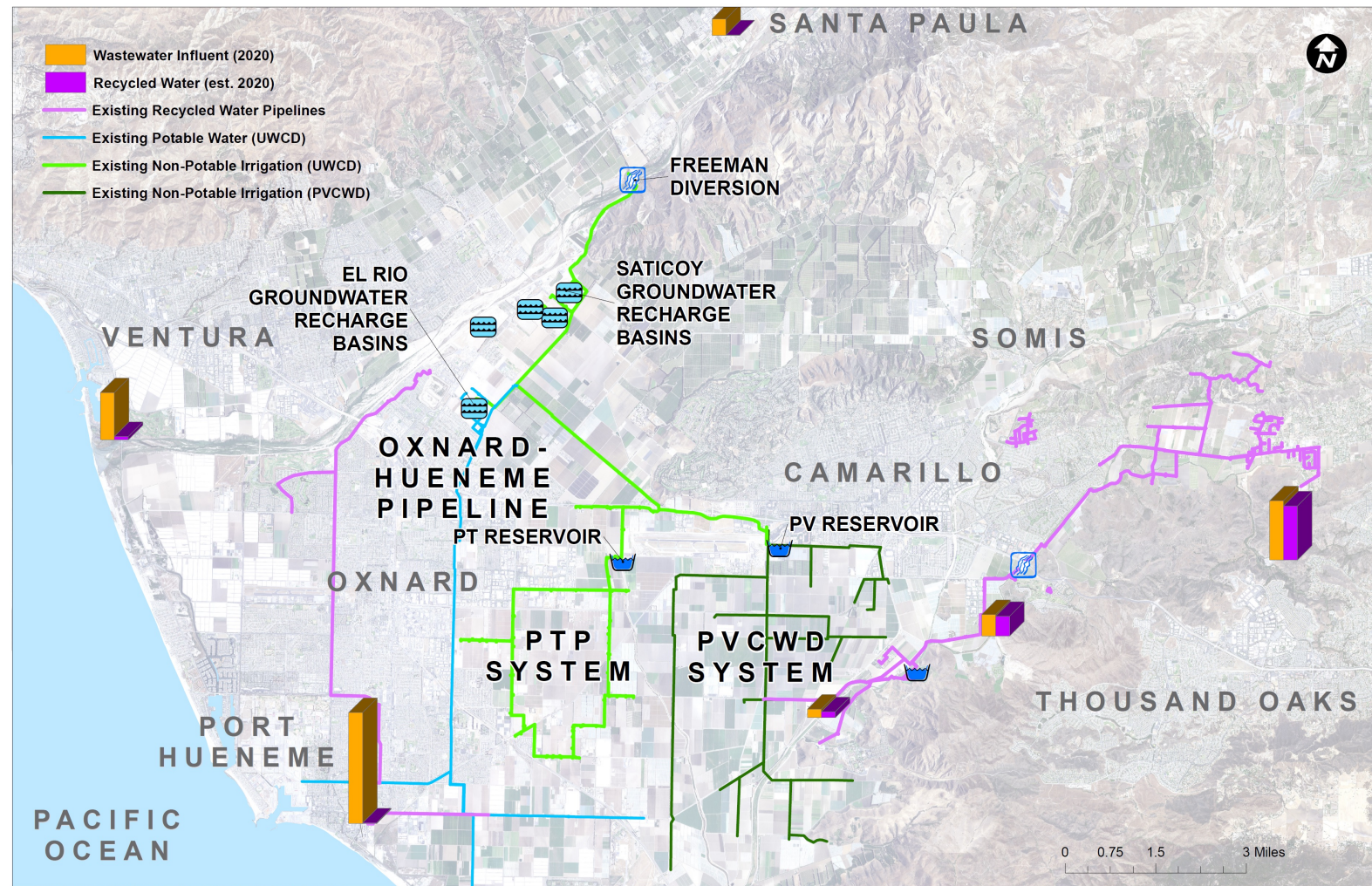
Laguna Road Pipeline Project
Robert Richardson P.E., Senior Engineer
Michel Kadah, P.E., Engineer

What are the Types of Recycled Water?

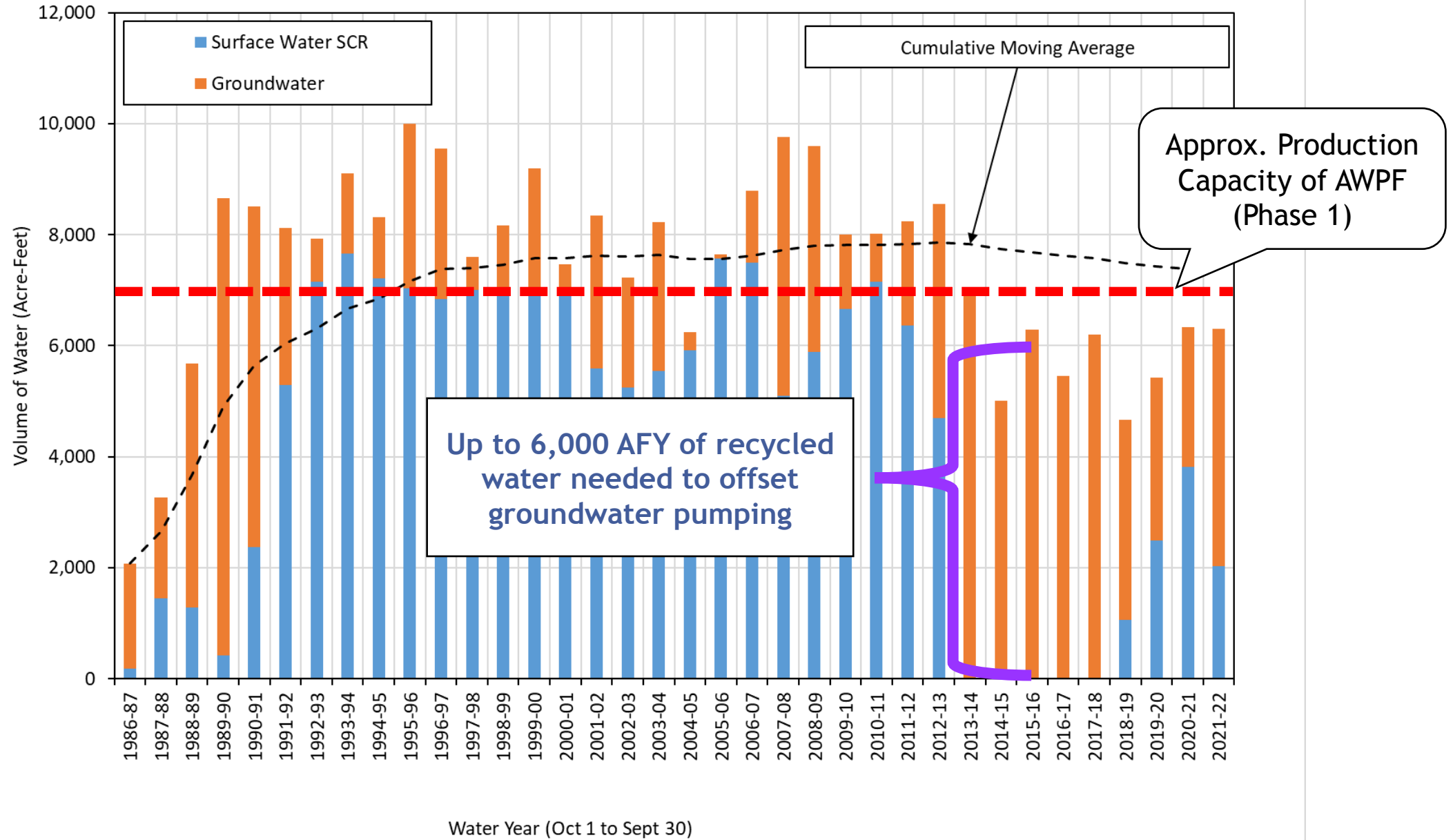


Recycled Water Around the Oxnard Plain

-  Tertiary
-  Advanced Treatment

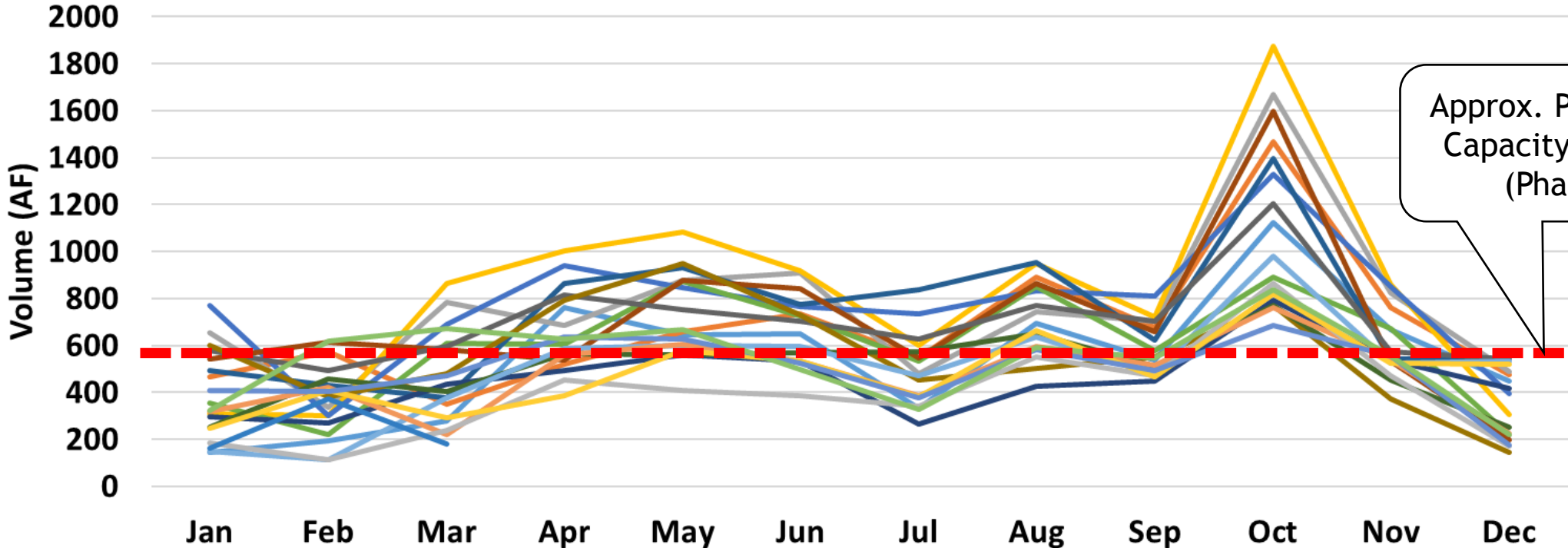


Pumping Trough Pipeline (PTP) Water Supply Sources



Sum of Σ Supply

Monthly Demand in PTP System by Year



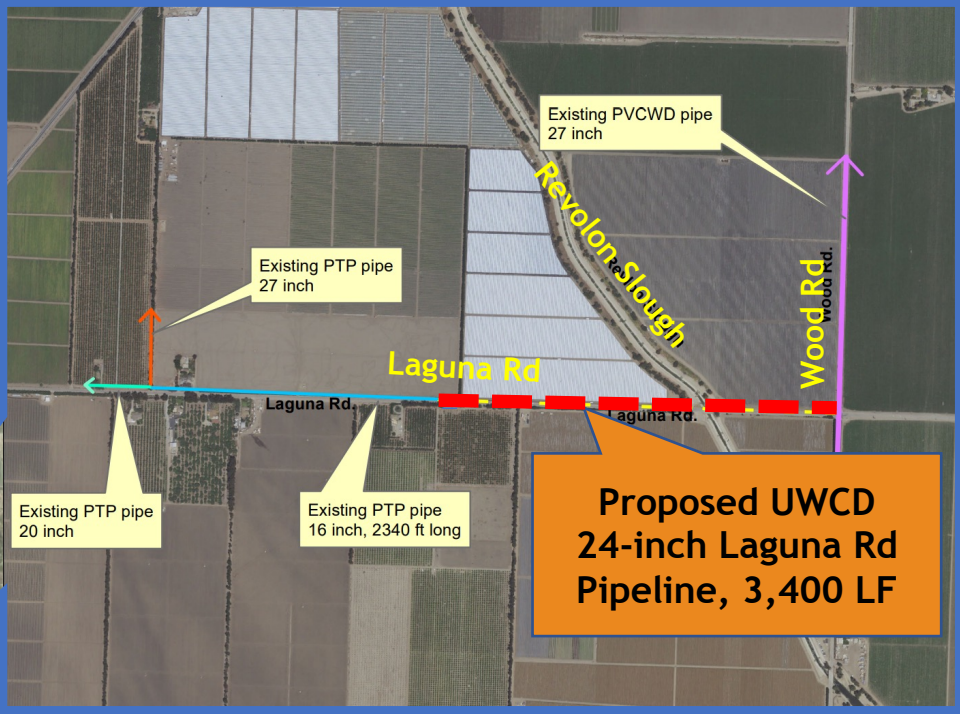
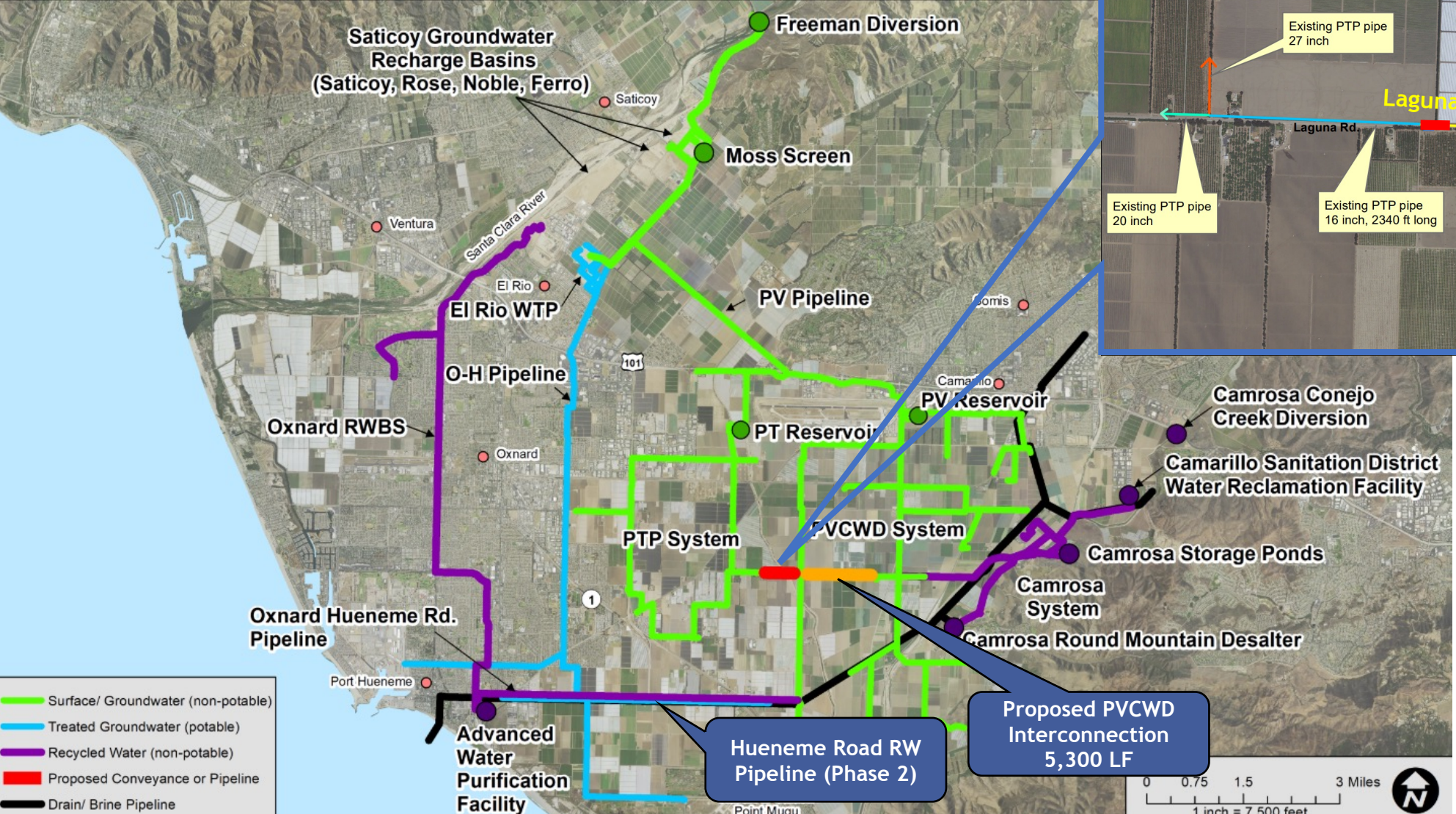
Approx. Production Capacity of AWP (Phase 1)

Year ▾

- 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014
- 2015 2016 2017 2018 2019 2020 2021 2022 2023

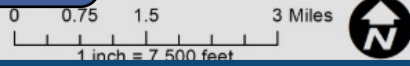
Month ▾

Project Objective

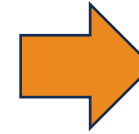
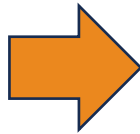
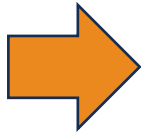


Hueneme Road RW Pipeline (Phase 2)

Proposed PVCWD Interconnection 5,300 LF



Paving the Pathway



2016

UWCD signs
FATW Agreement
with City of Oxnard

2017

SWRCB provides
Conditional approval
to distribute
Recycled water
in the PTP system

2020

NRCS provides
\$343k in
grant funding

2022

DWR through
the FCGMA
provides
\$2.65M in
grant funding

2023

UWCD and PVCWD
collaborate and
draft recycled water
delivery agreement

Preliminary Design Report

Completed in January 2023

Hydraulic

- Flow conveyance - Up to 3,700 gpm
- Booster pump station

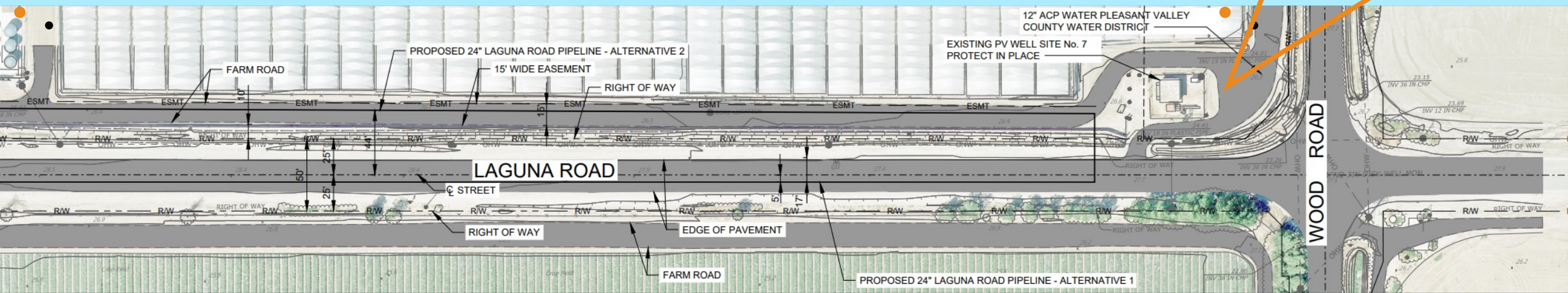
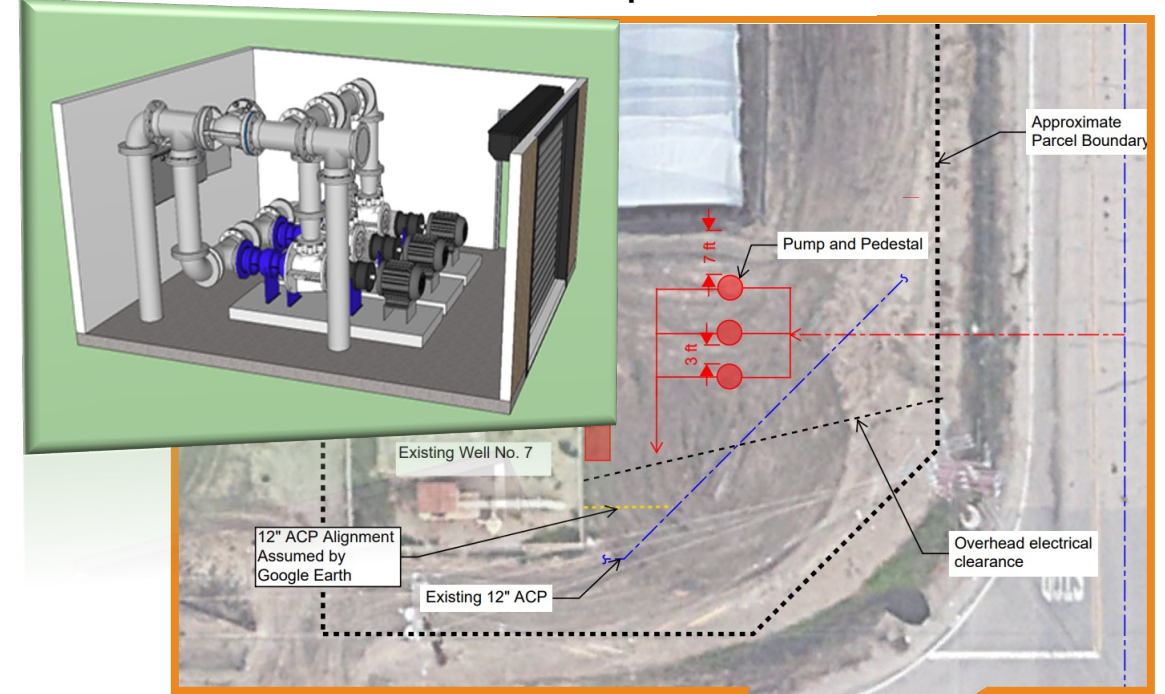
Pipeline Alignment

- North Alignment - Easement within Private Property (Preferred)
- Center Alignment - Public Right-of-Way

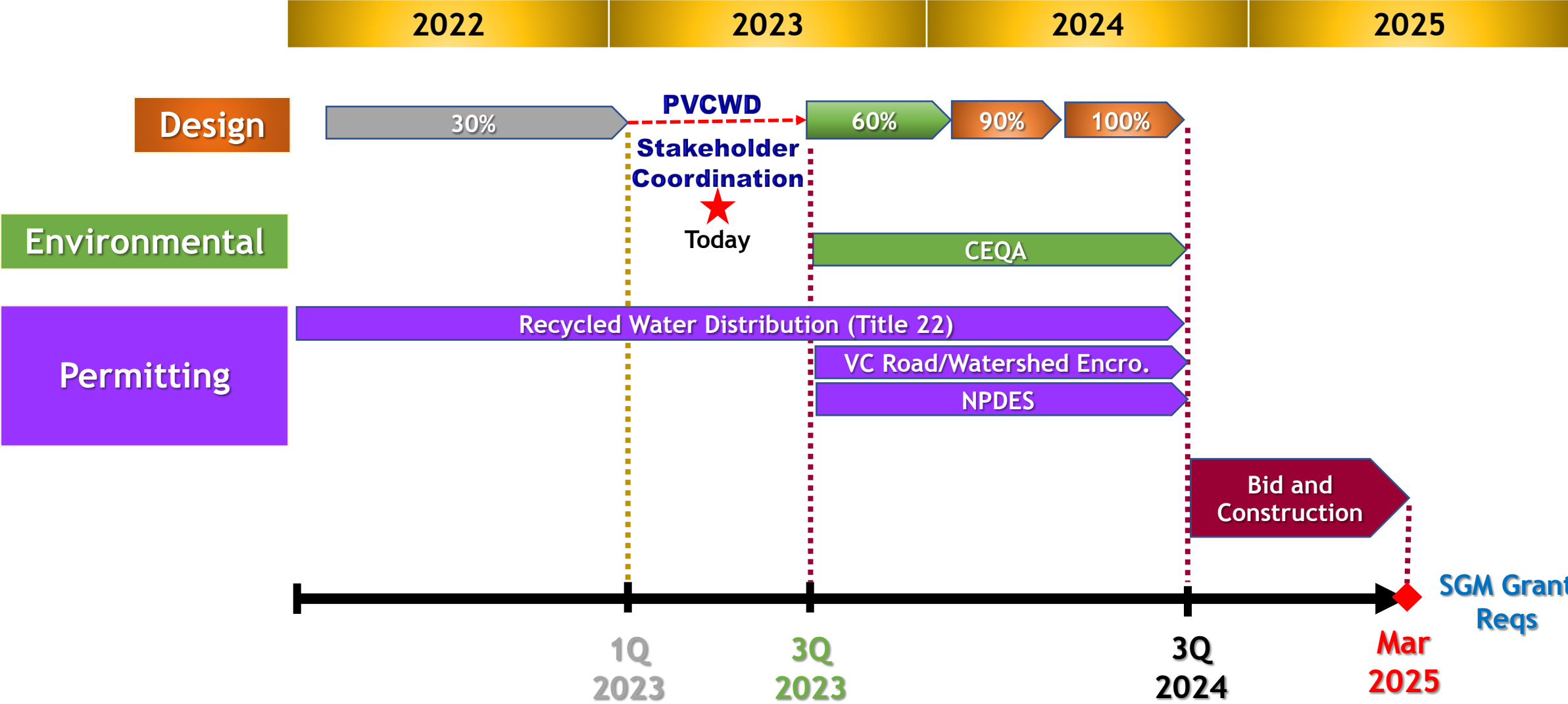
Revolon Slough Crossing

- Above Grade - Pipe Bridge (Preferred)
- Below Grade - Auger Bore

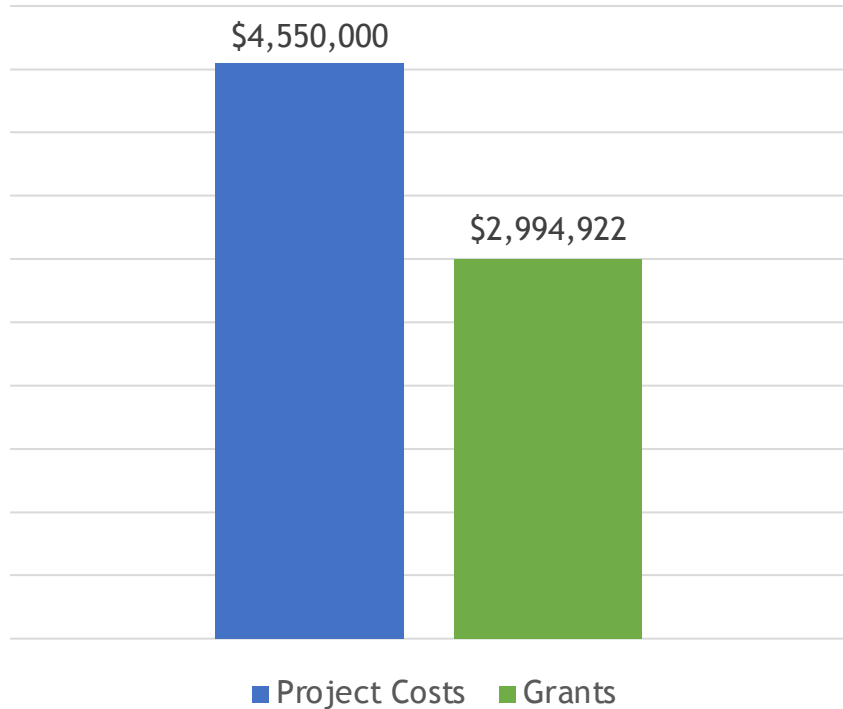
Booster Pump Station



Project Timeline



Project Estimated Cost and Grant Funding



Total Estimated Project Cost \$4.6M

Grants:

Natural Resources Conservation Services Grant

- ◆ \$343,422 approved on September 2020

Sustainable Groundwater Management (SGM) Grant Program

- ◆ \$2,651,500 on September 2022





Questions?

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