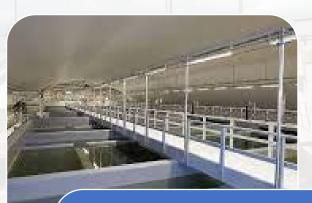




Types of Recycled Water



Tertiary Treatment

- Secondary Treatment+
- Removes
 - Residual Suspended Solids





Advanced Treatment

- Tertiary Treatment+
- Removes
 - Dissolved Solids





Types of Facilities Surrounding Oxnard Plain



Secondary Treatment

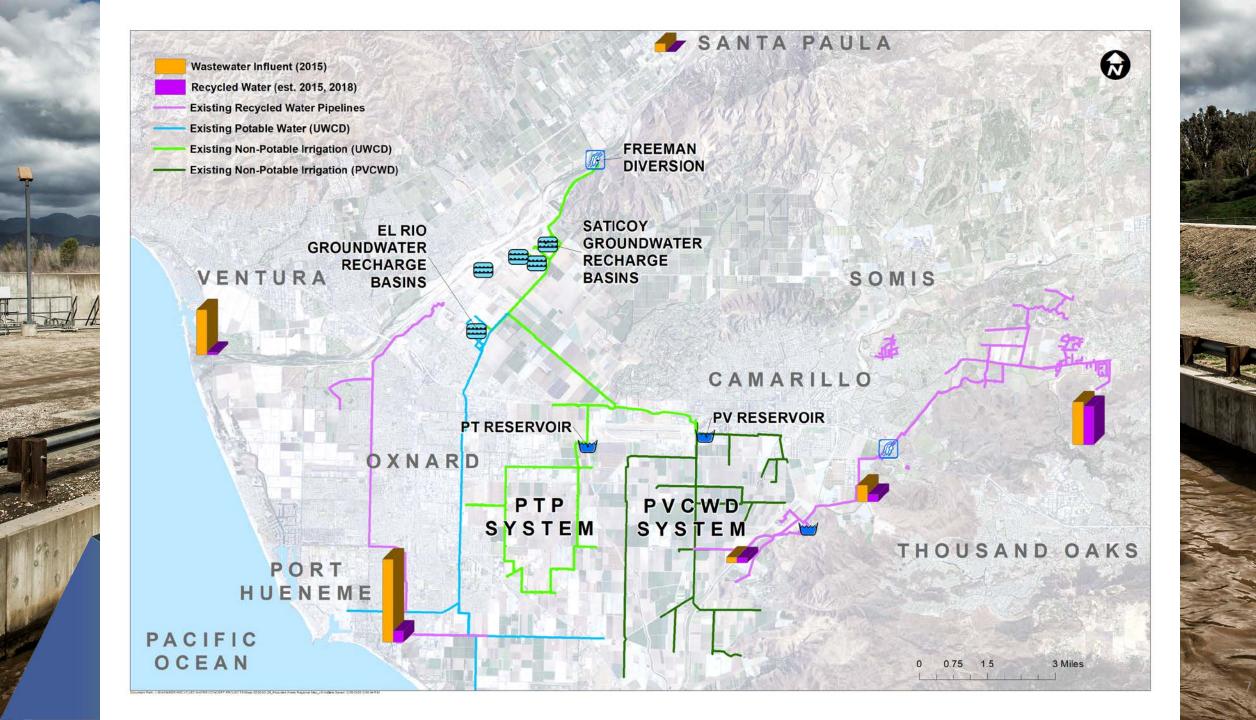
• Oxnard WWTP (up to 31.7 mgd)

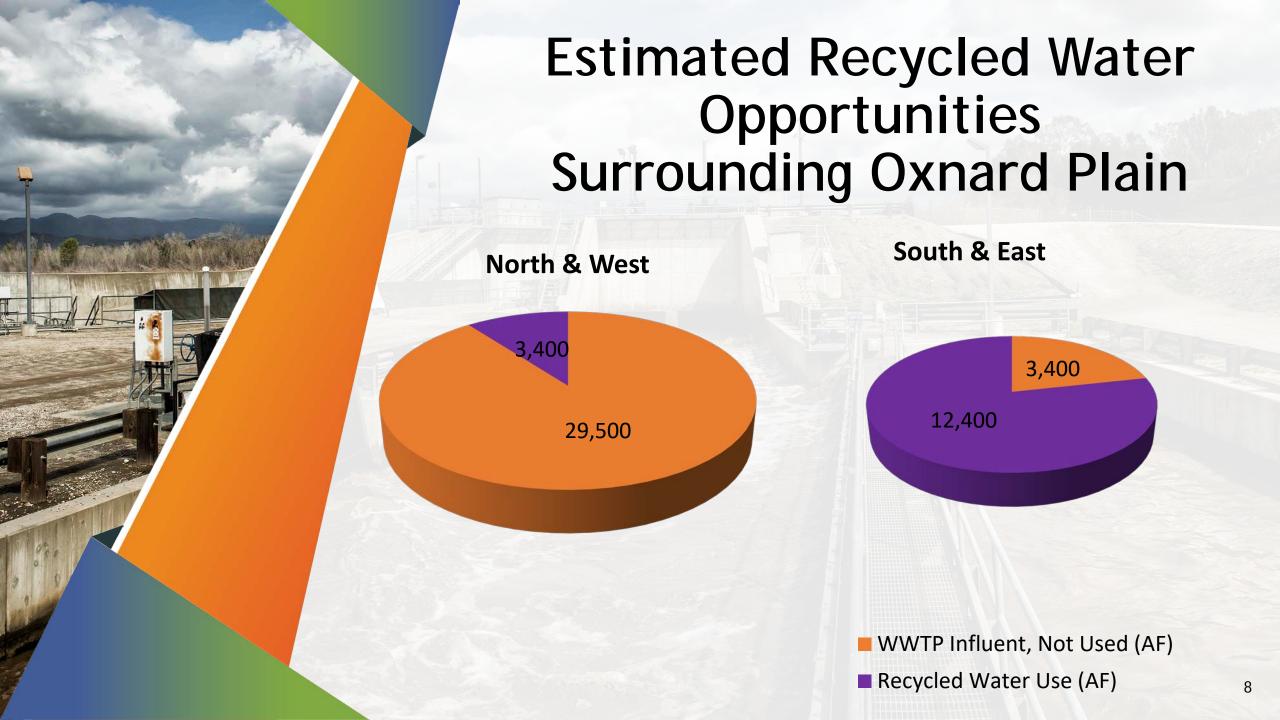


Tertiary Treatment

- CamSan WRF (up to 7.25 mgd)
- Camrosa WRF (up to 1.5 mgd)
- Santa Paula WRF (up to 4.2 mgd)
- Ventura WRF (up to 14 mgd)
- Thousand Oaks HCTP (up to 14 mgd)







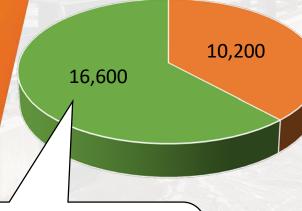
Existing Treatment Capacity Surrounding Oxnard Plain



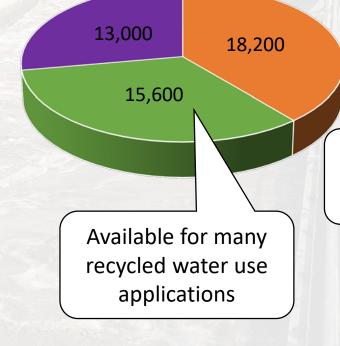
Tertiary Treatment

Advanced Treatment

2,800



Few recycled water use applications, needs additional treatment

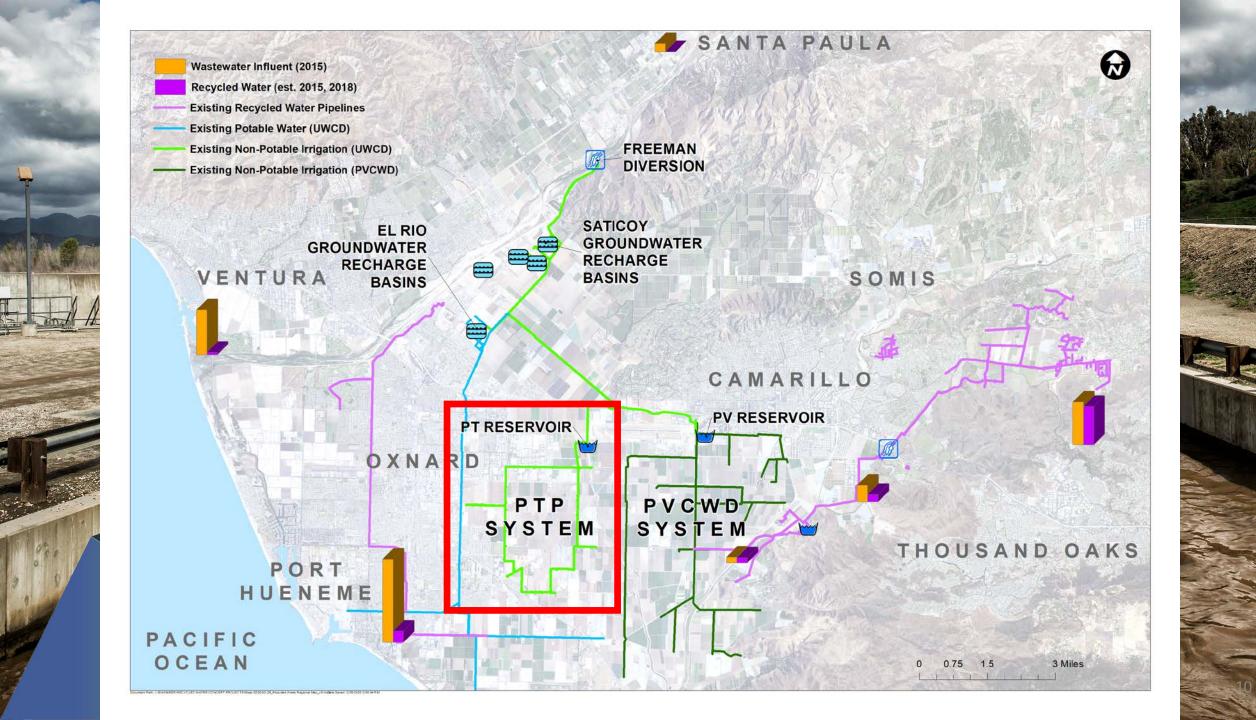


Brine, not easily recovered

Add'l. Permitted Capacity (AFY)

5,300

- Est. Influent, Not Used (AFY)
- Est. Recycled Water Use (AFY)



Recycled Water Distribution and Use in PTP System







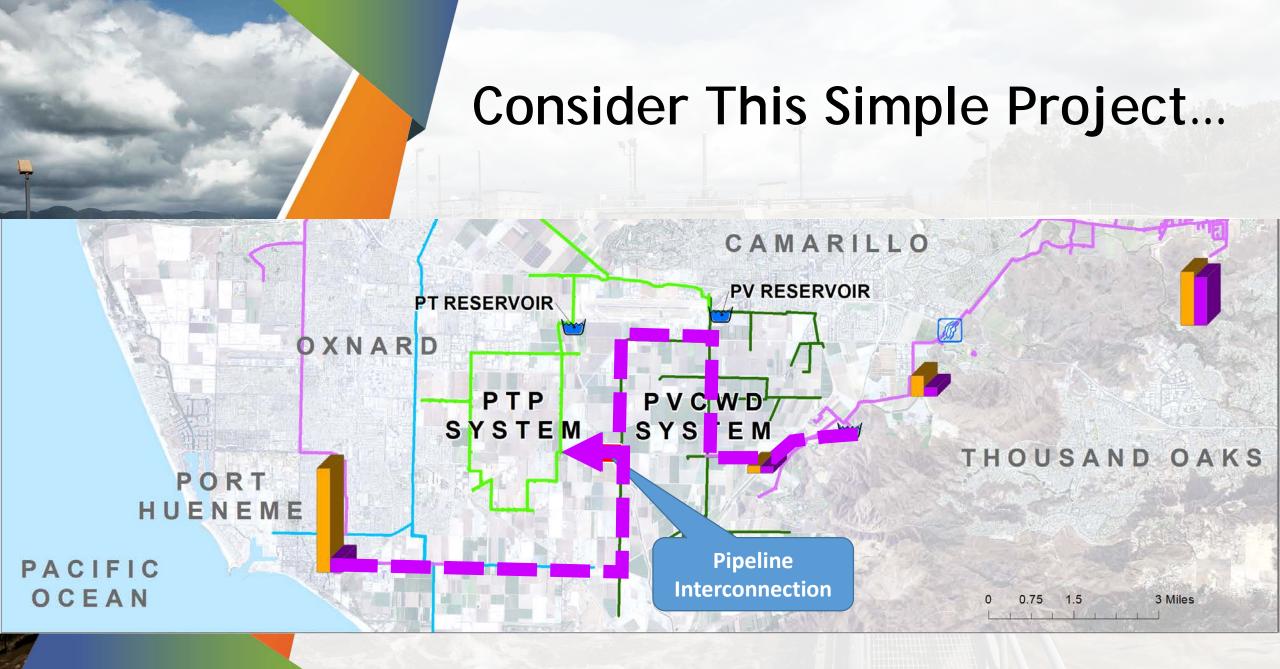
Los Angeles Regional Water Quality Control Board

October 6, 2017

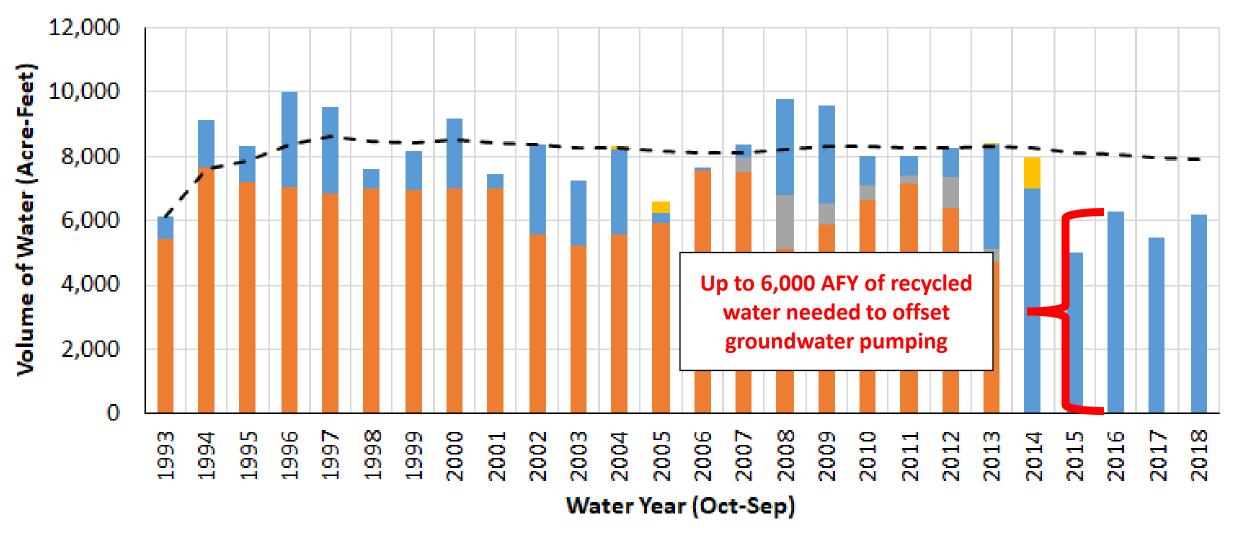
Mr. Greg Nyhoff City Manager City of Oxnard 300 West Third Street Oxnard, CA 93030

Mr. Anthony Emmert
Deputy General Manager
United Water Conservation District
106 North Eighth Street
Santa Paula, CA 93060

CONDITIONAL APPROVAL OF THE ENGINEERING REPORT FOR RECYCLED WATER DISTRIBUTION AND USE IN THE PUMPING TROUGH PIPELINE (PTP) SYSTEM



Pumping Trough Pipeline System Water Supply Sources (1993 to 2018)



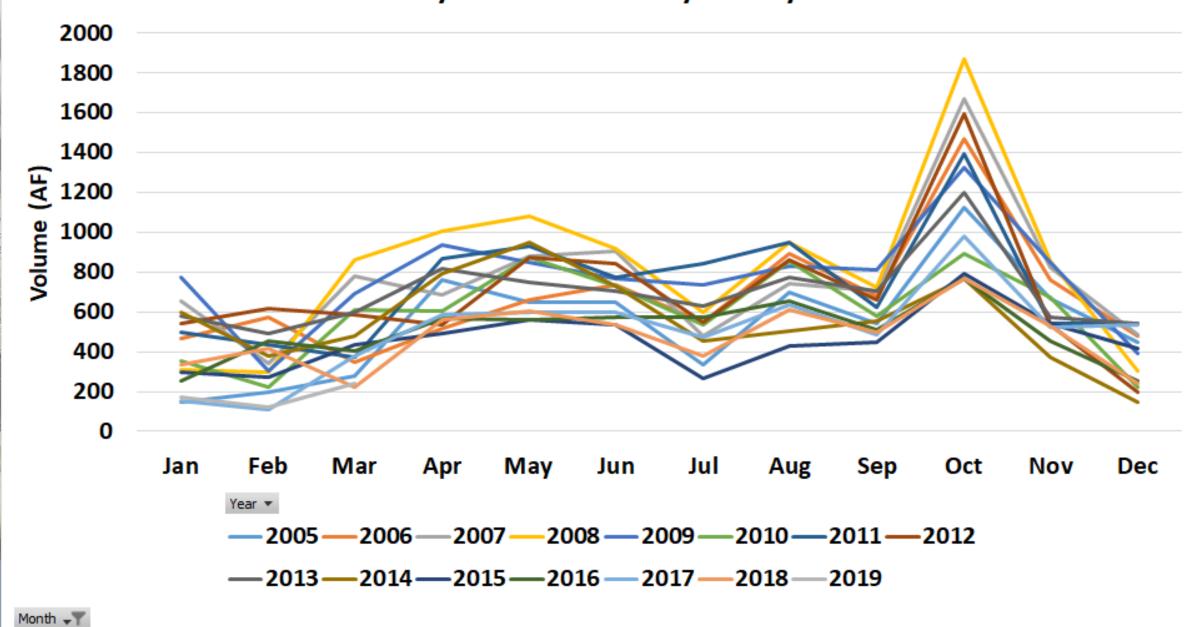
Surface Water Delivery to PTP
O-H Well Delivery to PTP

Saticoy Well Delivery to PTP

– Cumulative Moving Average

PTP Wells

Monthly Demand in PTP System by Year











PRODUCT WATER WILL BE EXPENSIVE

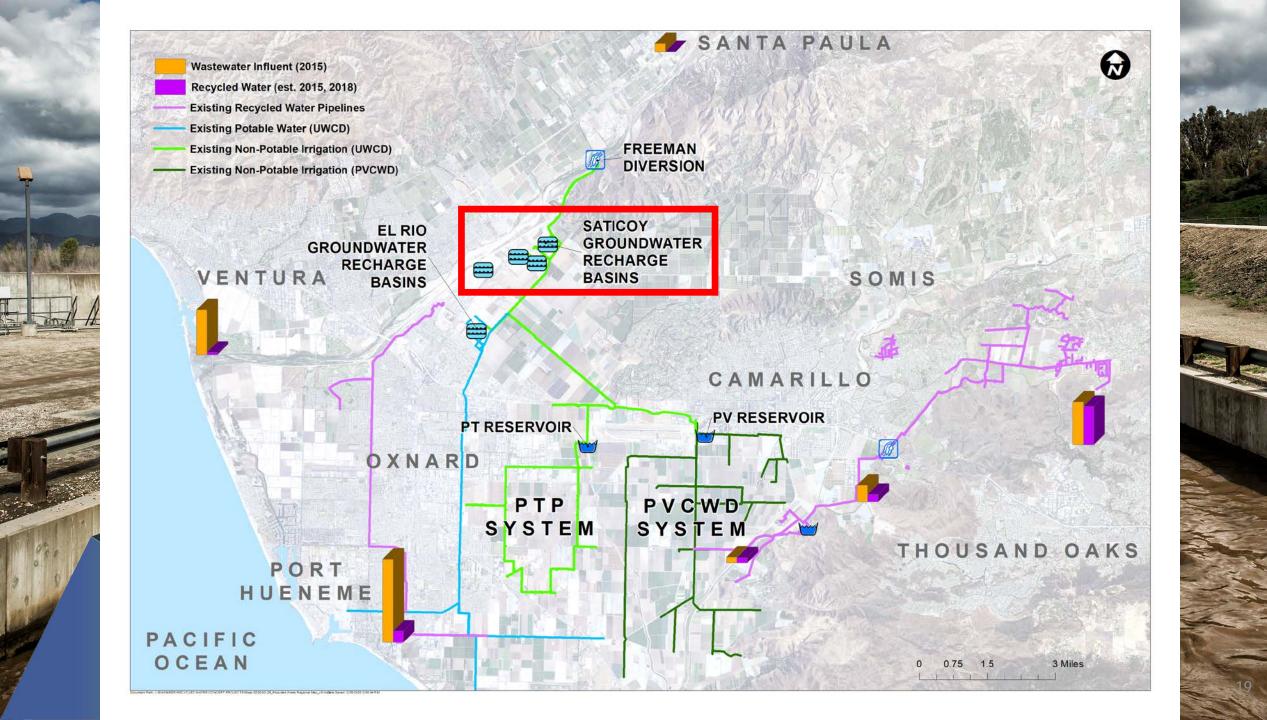
COST SHARING REQUIRED

PERMITTING

WATER QUALITY AND BLENDED WATER SOURCES

SEASONAL DEMAND VARIATIONS AND NEED FOR STORAGE





Preliminary Hydrogeological Assessment Saticoy Noble Basin Pond 2 Spreading Complex Forebay Basin Oxnard Plain Basin





Need Assessment Recycled Water Source Identification Collaborate,
Develop
Partnerships,
Work with
Regulators

Planning

Implementation