# OAKDALE IRRIGATION DISTRICT

## 10-Year Out-of-District Water Sale Program &

## Paulsell Lateral Expansion Project

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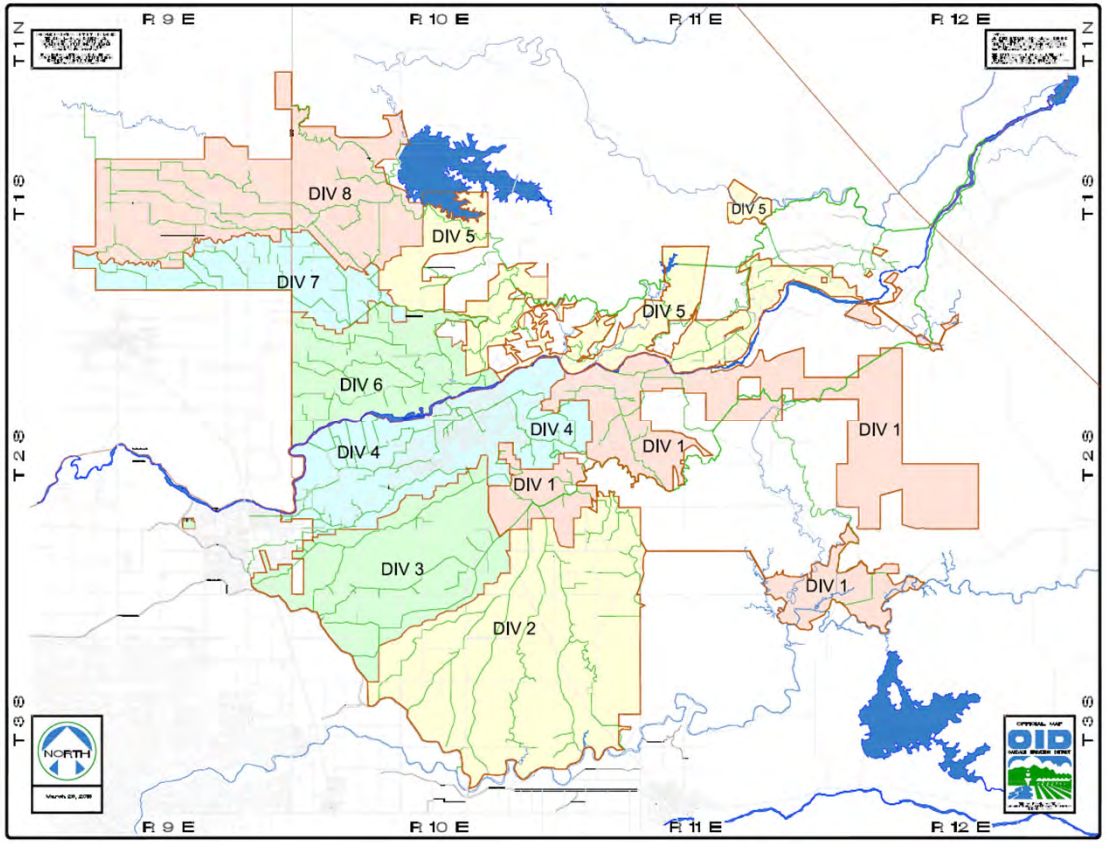
# OAKDALE IRRIGATION DISTRICT (OID)

- Setting
  - Pre-1914 Water & Post-1914 Storage Rights on the Stanislaus River
  - Service Area: 82k acres (65k irrigated) located in the San Joaquin Valley of Central California.
  - System: 115 year old gravity flow system
  - Crops: High value permanent crops (50% almonds & 10% walnuts), pasture (25%) and corn (10%)
  - On-farm irrigation: mixture of gravity flow and micro/drip irrigation

Oakdale, CA
(100 miles north of Fresno)
(80 miles south of Sacramento)

# CHALLENGES:

Long-term water supply reliability

- Water right protection
- Evolving river supply/demands

Aging infrastructure

Lack of available funding for improvements

Land use changes

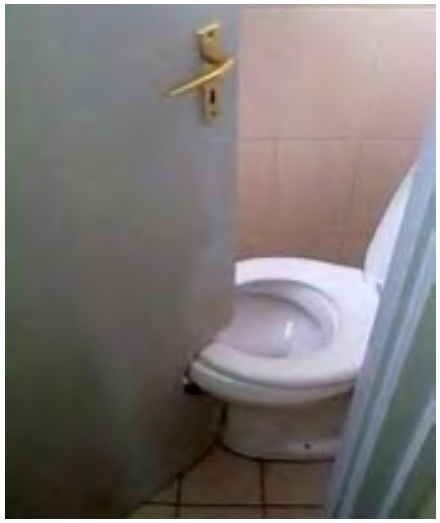
- Urban development (ranchettes & subdivisions)
- Out-of-district land conversion
- Crop conversion to trees
- Flood irrigation to drip/micro

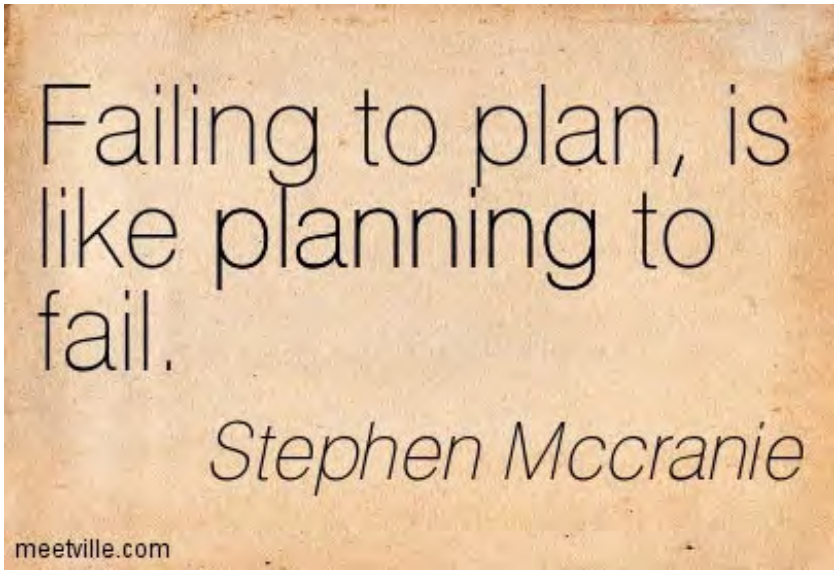
Inefficient water system

- Losses (tail water & operational spill)
- Travel time
- Capacity constraints/GW use

No clear path forward

# THE IMPORTANCE OF PLANNING









# PLANNING FOR OID'S FUTURE:

**OID Water Resources Plan (WRP)**

A comprehensive study of OID's water operations, resources and delivery system

Objective:

- Protect OID's water rights (beneficial use)
- Rebuild/modernize to meet changing customer needs
- Fund improvements **without** raising rates

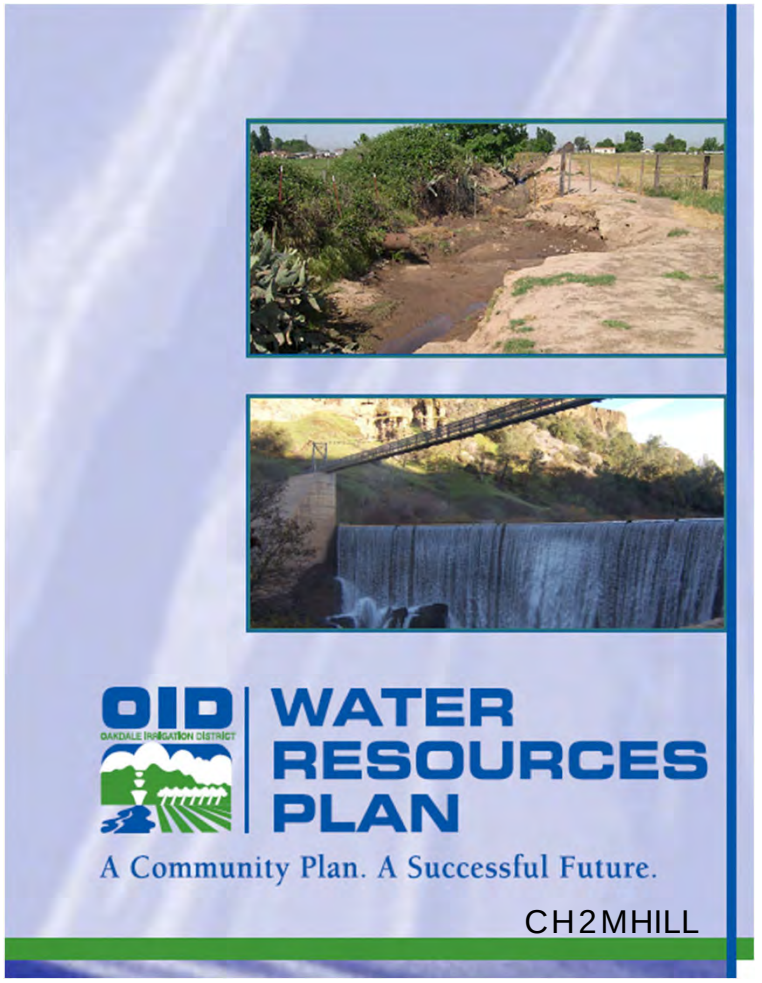
Financial Strategy:

- Pay as you go
- Maintenance – Water rates & wholesale power
- Capital Improvements - Water sales and transfers

Public outreach/participation - March 2005

PEIR completed & WRP adopted in June 2007

Progress assessment in Ag. Water Management Plans



# WRP IMPLEMENTATION PROGRESS/BENEFITS

Over $120M in OID infrastructure improvements since 2006 (Avg $6.7M/yr)

Water sales
- $77M since 1998 (Avg $3M/yr)

Annexation
- WRP goal: 4,250 ac
- To date: 10,775 ac

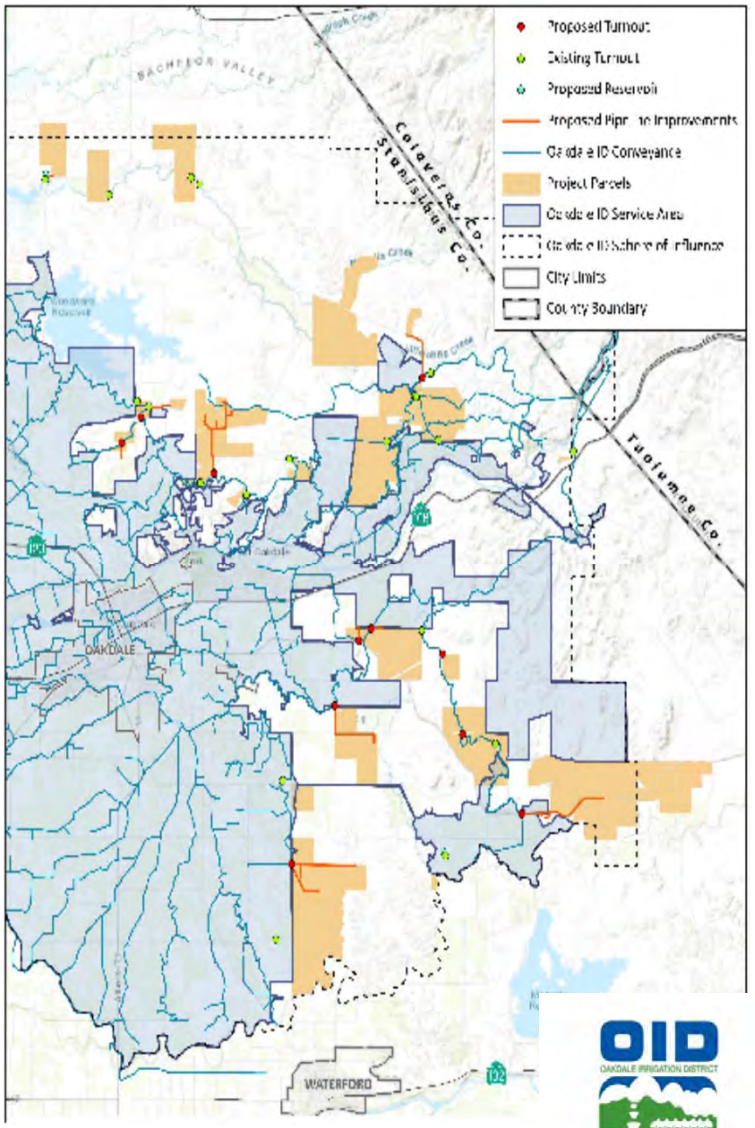
Improved level of service
- Better control
- Better data
- Water ordering flexibility
- Removal of capacity constraints
- 2,300 acres of new connections

Water Savings
- Pre-2005: 258k ac-ft (52k irr ac)
- 2006-2024: 221k ac-ft (65k irr ac)
  - ➢ Drought resiliency

A unified approach

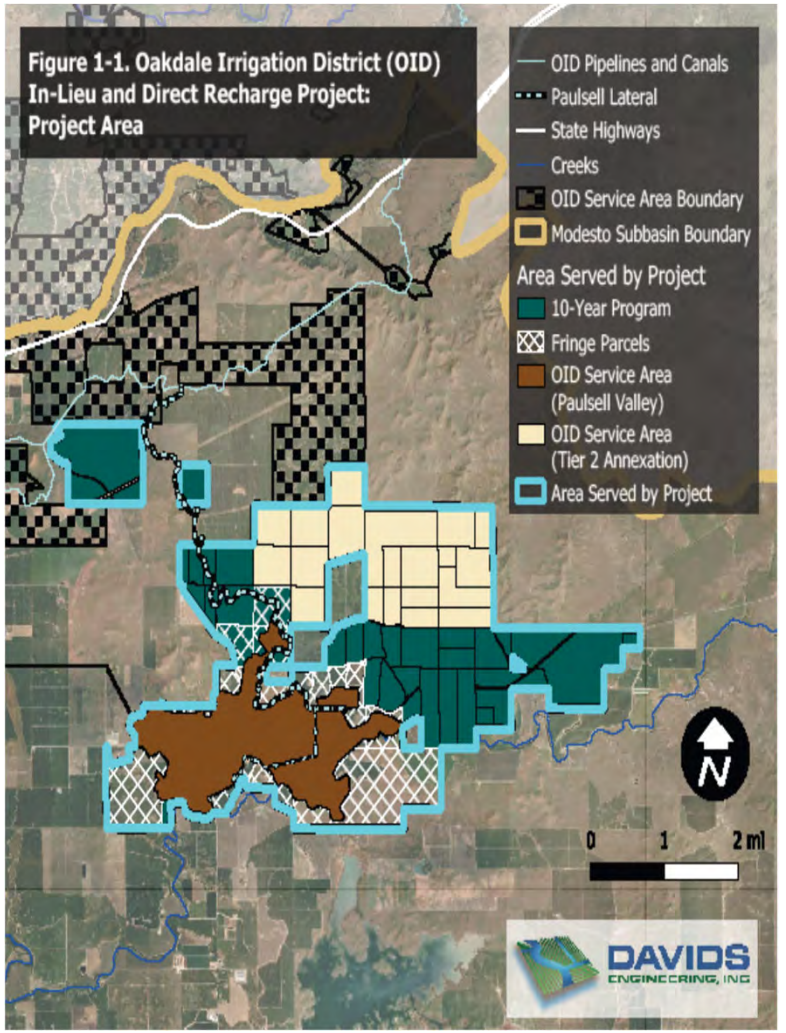
# 10-YR OUT-OF-DISTRICT WATER SALE PROGRAM

- App'd August 2, 2022 with first deliveries March 2023
- Lands must have been irrigated as of August 31, 2018 to be eligible
- 1.5 AF/Ac minimum purchase (refund if water not available thru August)
- $200/AF with 3% annual escalator
- 10-yr program w/ option to extend 10 more years
- Metered turnouts required at LO expense
- No impact to in-district constituents
- 25,000 AF/yr budgeted for the Program
- Water anticipated to be available 7 out of 10 years
- 37 participants, +/-9,400 ac irrigated
  (4,300 Ac – ESJ, 5,100 Ac - Modesto Subbasin)
- Total Program water delivered to date: >16,000 AF
  - +/- 6,000 AF total delivered in 2023 (4,800 AF in ESJ)
  - +/- 8,000 AF total delivered in 2024 (5,400 AF in ESJ)
  - +/- 10,500 AF total anticipated in 2025 (5,800 AF in ESJ)



# PAULSELL LATERAL EXPANSION PROJECT

- $14.4M in SGMA Imp. Grant Round 2 funding received for Reach 1 (5 miles)
- EO 13 CEQA suspension for GW recharge projects
- 1600 Streambed Alteration Agreement w/ CDFW
- Waste Discharge Permit w/ RWQCB
- Compliance Implementation Plan
  - Environmental Avoidance & Minimization Measures
- OID funding full 10-mile design and 1-mile of additional improvements as part of Phase 1
  - Tunnels 1 & 2 completed 2024/25 winter ($4M)
  - Phase 1 lateral improvements in 2025/26 winter
    - 7 drop structures, 2 road xings, 5 culvert xings, 3 siphons
    - SCADA integration with downstream automated level control
    - Existing capacity = 30 cfs
    - Proposed Reach 1 capacity =180 cfs
- In-lieu & direct recharge benefits to 11,000 ac
  - In-District: 4,600 ac
  - Out-of-District: 6,400 ac
- Estimated spillage reduction = 370 AF/Yr

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1909-2009
A Century of Service

# QUESTIONS?

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