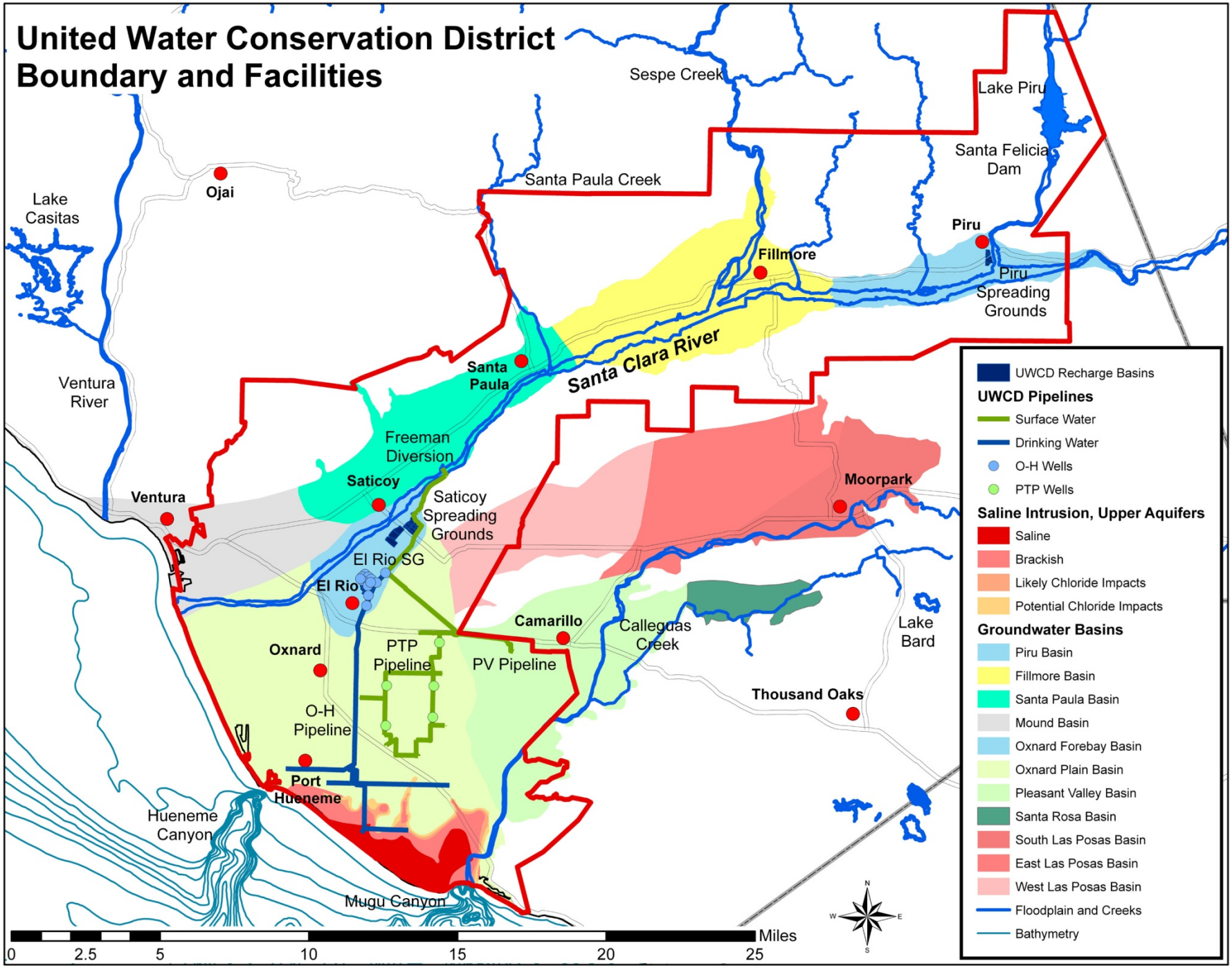
United Water Conservation District

E. Michael Solomon
General Manager

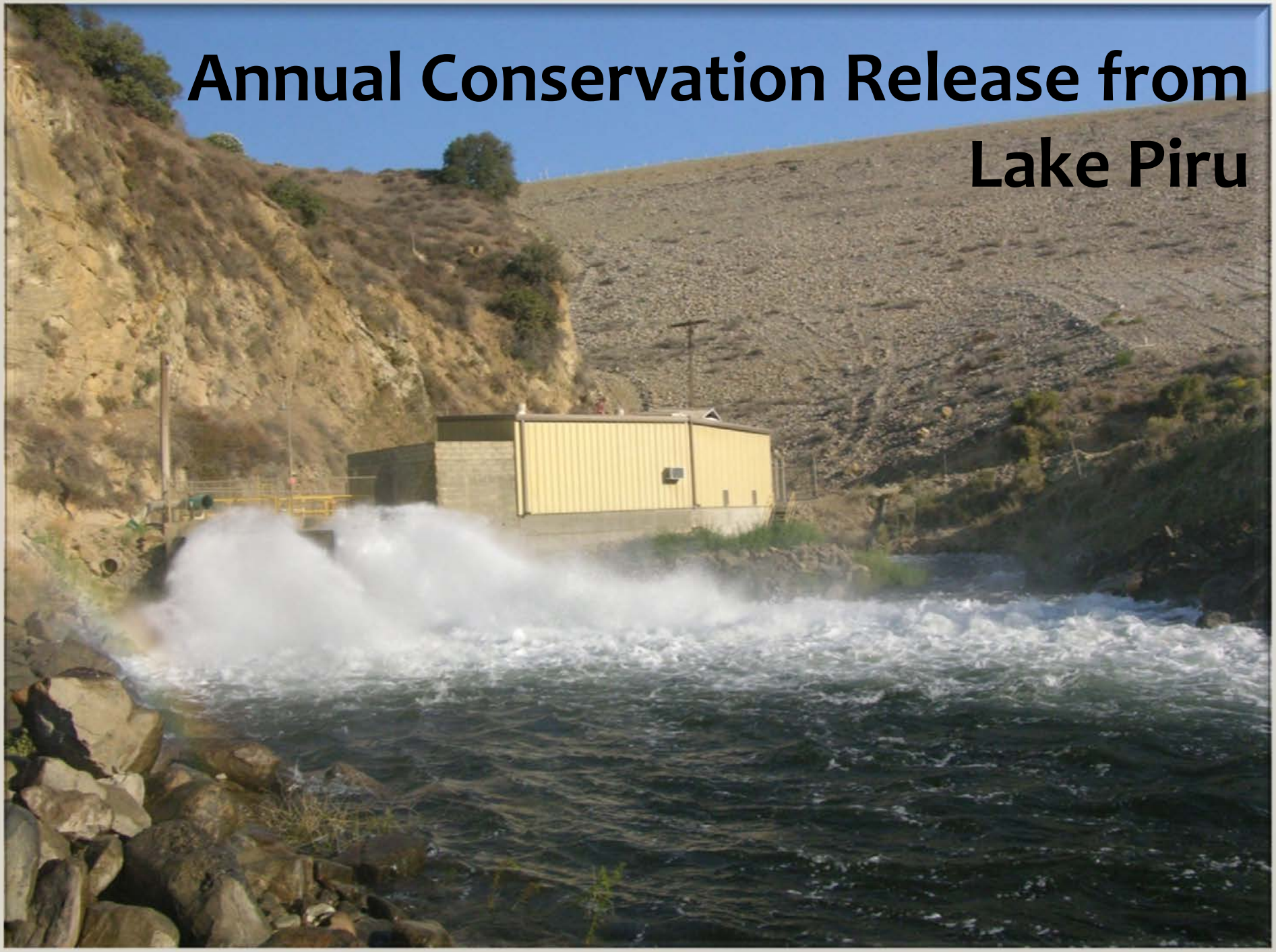

United Water Conservation District
Boundary and Facilities
Sespe Creek
Lake Piru
Santa Felicia
Dam
Santa Paula Creek
Lake
Casitas
Ojai
Piru
Fillmore
Piru
Spreading
Grounds
Santa Clara River
Santa
Paula
Ventura
River
Freeman
Diversion
Saticoy
Saticoy
Spreading
Grounds
Ventura
Moorpark
El Rio SG
El Rio
Camarillo
Calleguas
Creek
Lake
Bard
Oxnard
PTP
Pipeline
PV Pipeline
Thousand Oaks
O-H
Pipeline
Port
Hueneme
Hueneme
Canyon
Mugu Canyon
Miles
0
2.5
5
10
15
20
25
N
W
E
S
UWCD Recharge Basins
UWCD Pipelines
Surface Water
Drinking Water
O-H Wells
PTP Wells
Saline Intrusion, Upper Aquifers
Saline
Brackish
Likely Chloride Impacts
Potential Chloride Impacts
Groundwater Basins
Piru Basin
Fillmore Basin
Santa Paula Basin
Mound Basin
Oxnard Forebay Basin
Oxnard Plain Basin
Pleasant Valley Basin
Santa Rosa Basin
South Las Posas Basin
East Las Posas Basin
West Las Posas Basin
Floodplain and Creeks
Bathymetry

What's Been Done to Address Local Groundwater Issues?

- UWCD & Groundwater Department
- Santa Felicia Dam
- Oxnard Hueneme Pipeline
- Pleasant Valley Pipeline
- Spreading Grounds
- Pumping Trough Pipeline
- Vern Freeman Diversion Dam on Santa Clara River
- State Water Imports
- Fox Canyon GMA

NO DIVING
FROM
BRIDGE

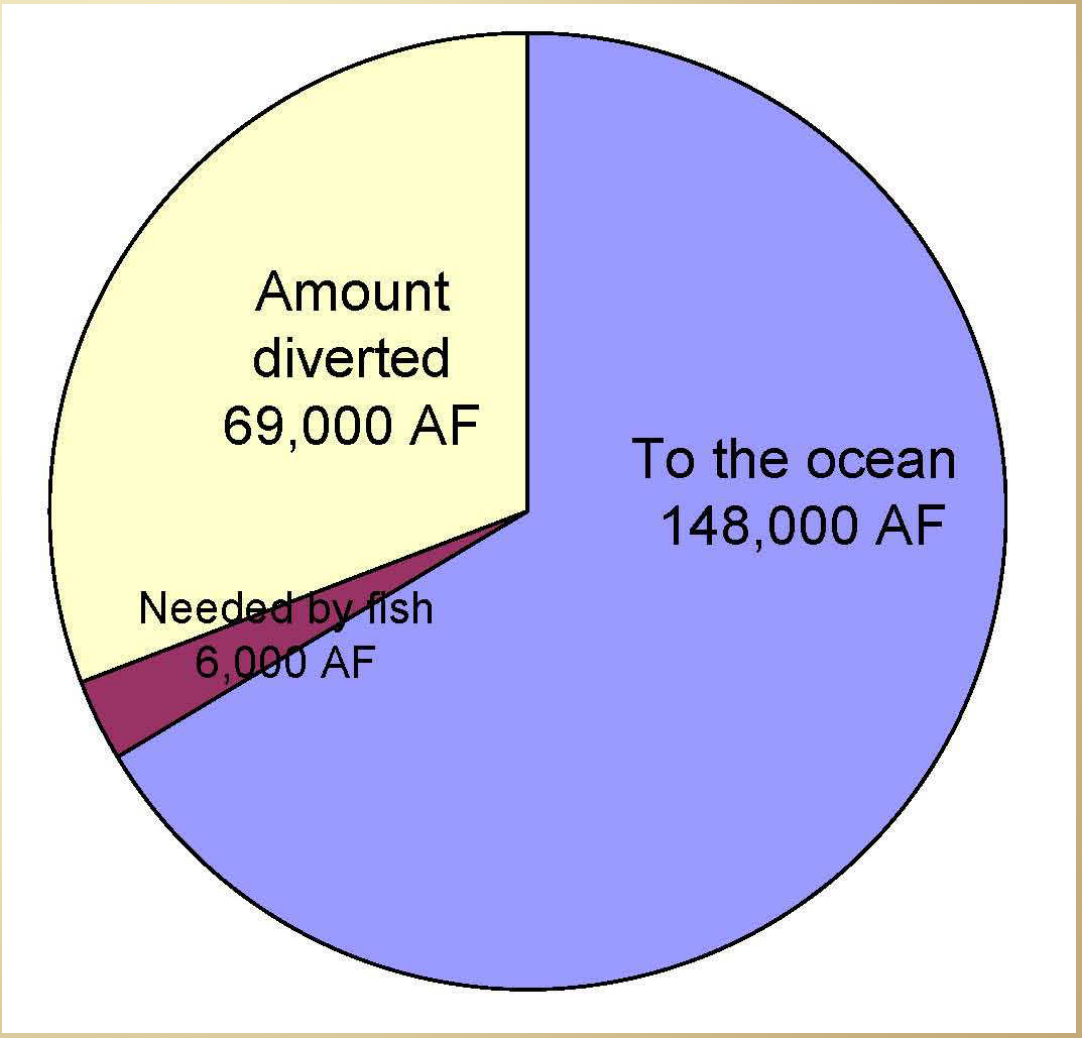
Annual Conservation Release from Lake Piru



Saticoy Spreading Basins

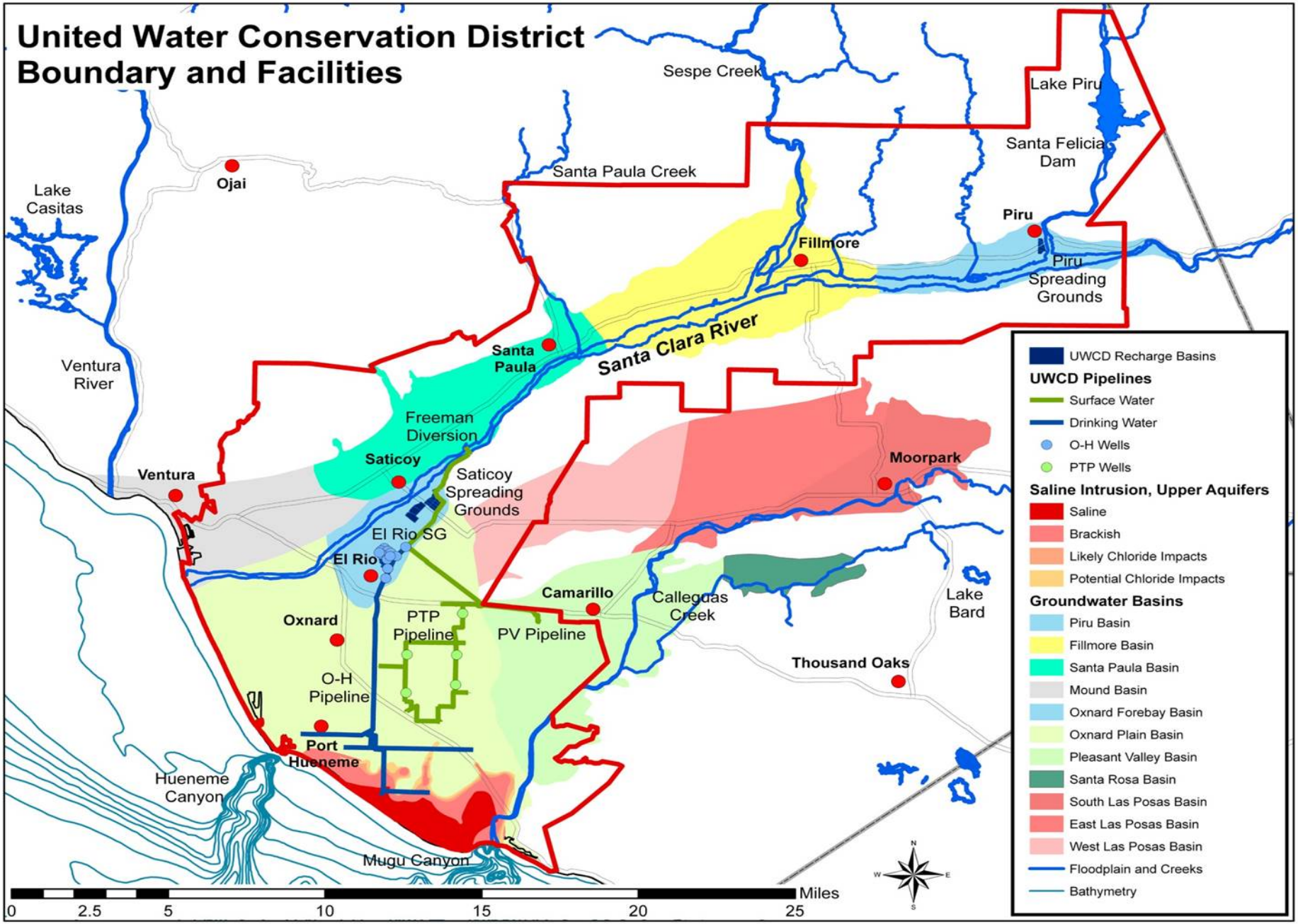
Freeman Diversion

- Diversions limited
- Ecological demand expected to increase
- Most of water discharges to ocean



Some Future Ideas

- Purchase of Ferro Property (Recharge)
- City of Oxnard GREAT Program (Recycled Water)
- "Anacapa Project" (2nd Chance Water)
- Brackish Water Pumping at Coast / Desalters (Versus Seawater Desal)
- Additional State Water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Challenges to Future Water Supply

- ESA
- $ (Rates) - Prop 218
- Drought
- Continued Overdraft
- Crop Changes / Cropping Patterns
- Lawsuits
- Aging Infrastructure / Costs
- Apathy
- Regulatory Challenges (PMF / Multiple Agencies "in charge")

+ "$" and no new water - less flexible operations and on-going costs