

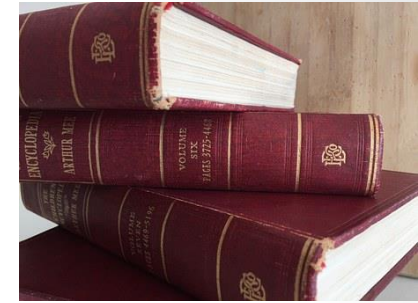


Solano Irrigation District



February 11, 2019

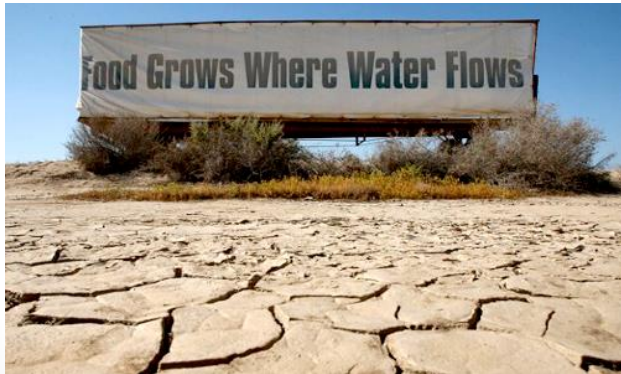
SID History

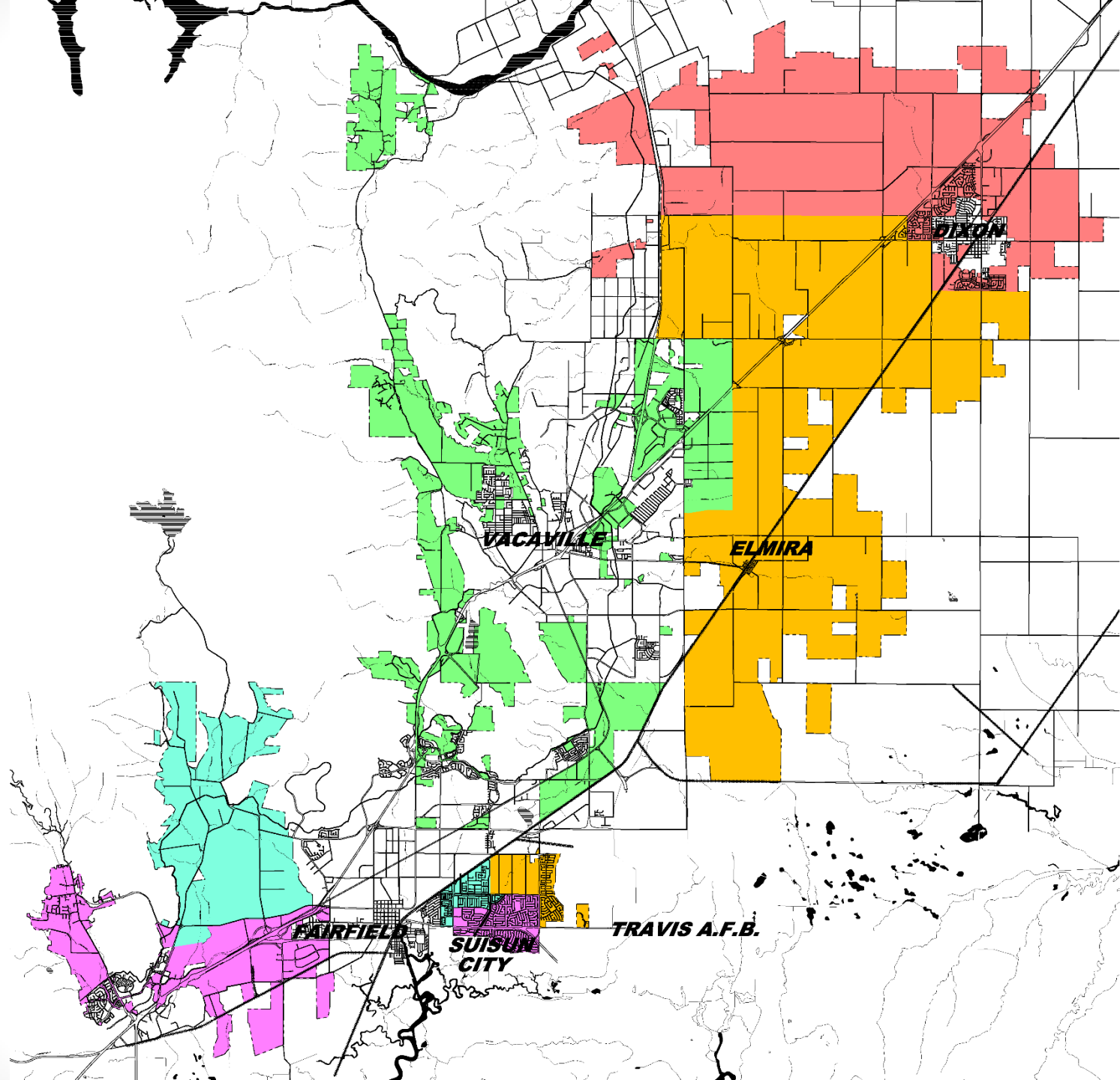


- Established in 1948 by the Board of Supervisors for the purpose of spearheading the Solano Project (Lake Berryessa).
- Began delivering “water for Ag” in 1959
- Began “operating drinking water systems” in the 1970’s
 - 1974 Vaca Valley
 - 1976 Suisun
 - 1976 Carrington (PHRE) Annexation

Mission

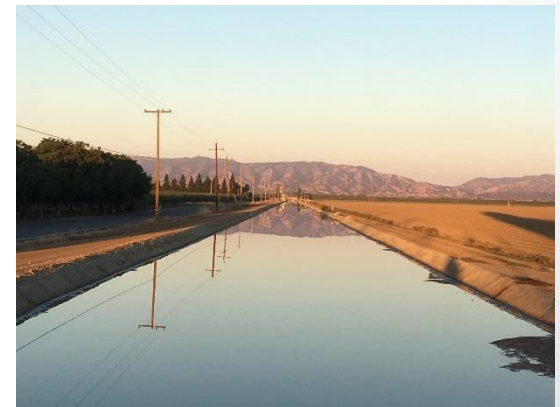
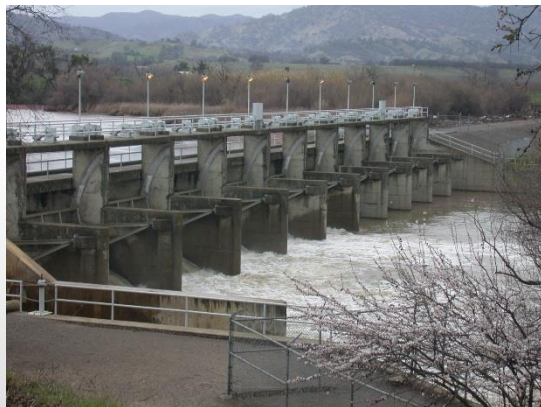
- Solano Irrigation District's mission is to provide safe and reliable water to our **farms, families, and businesses**. As stewards of our precious local water resources, we are committed to responsible environmental and fiscal management in order to protect and ensure those resources into the future.



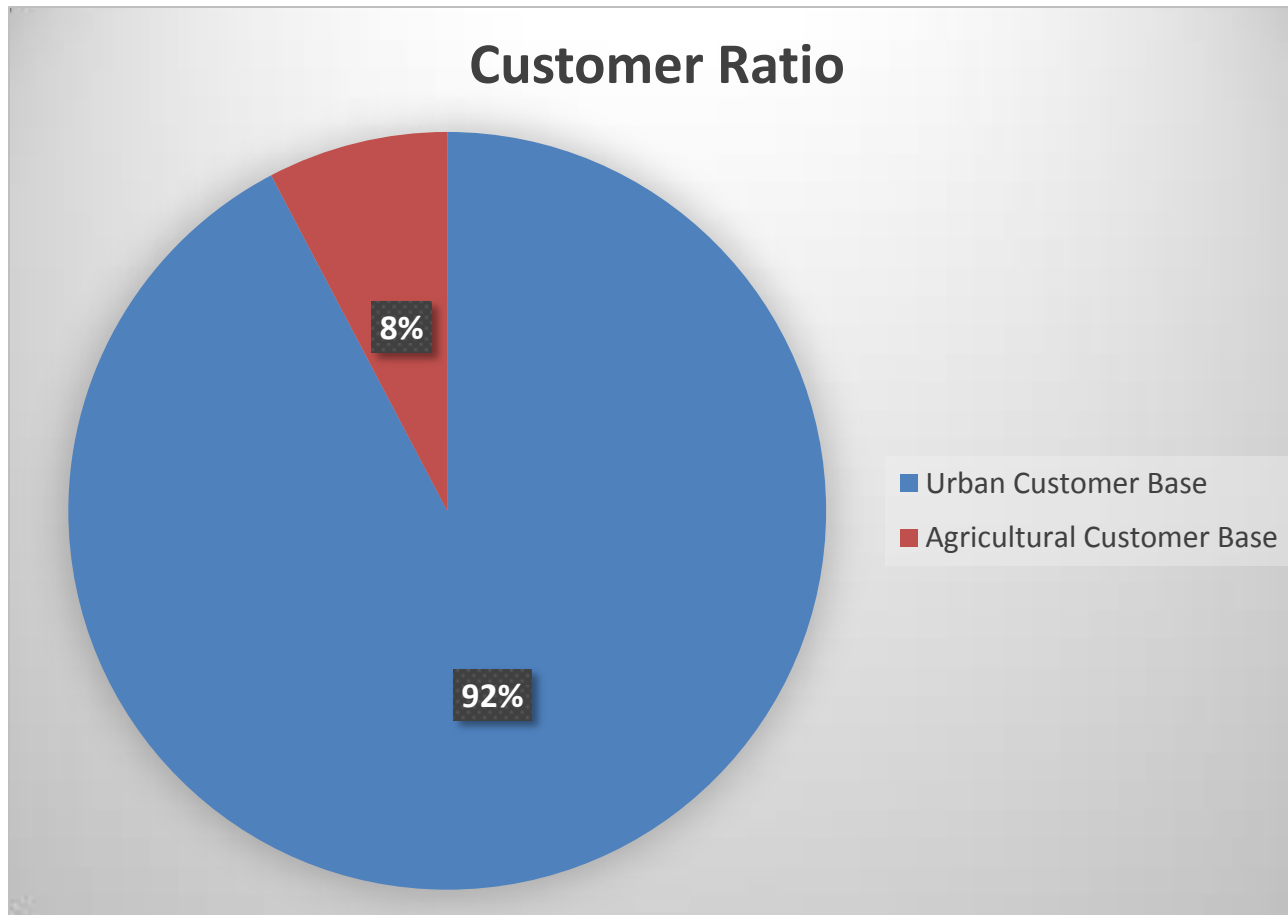


Blend of Customers

- §22075 of the Water Code authorizes districts to operate Public Water Systems within their boundaries
- SID (District) has been operating Public Water Systems since the mid 1970s including;
 - City of Dixon (1984- 2014)
 - City of Suisun City
 - Rural North Vacaville WD
 - District's Seven (7) Public Water Systems
 - District's Eight (8) Non-Public Water Systems



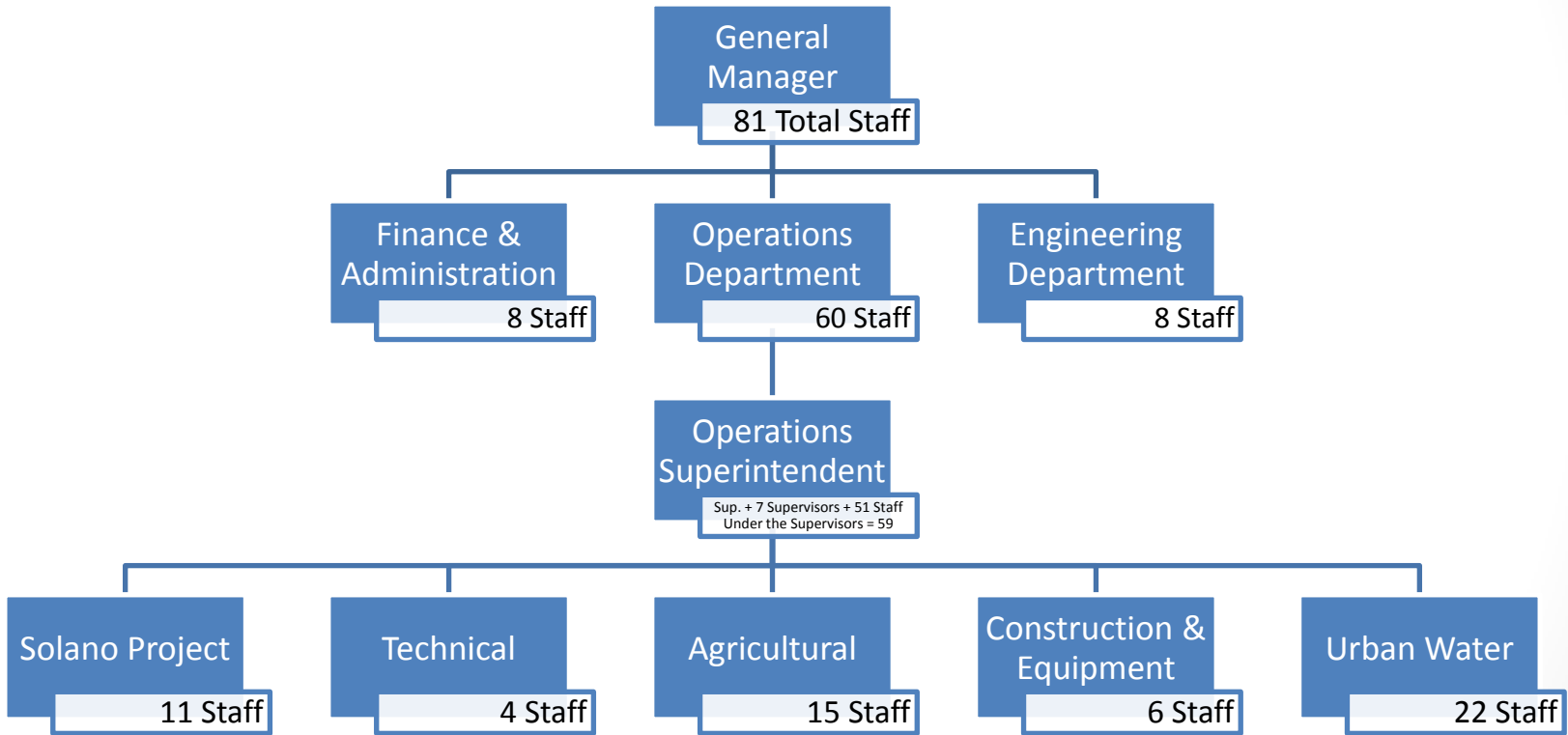
Ratio of Ag to Urban Customers





SID Staffing FY 2018

81 Total Staff

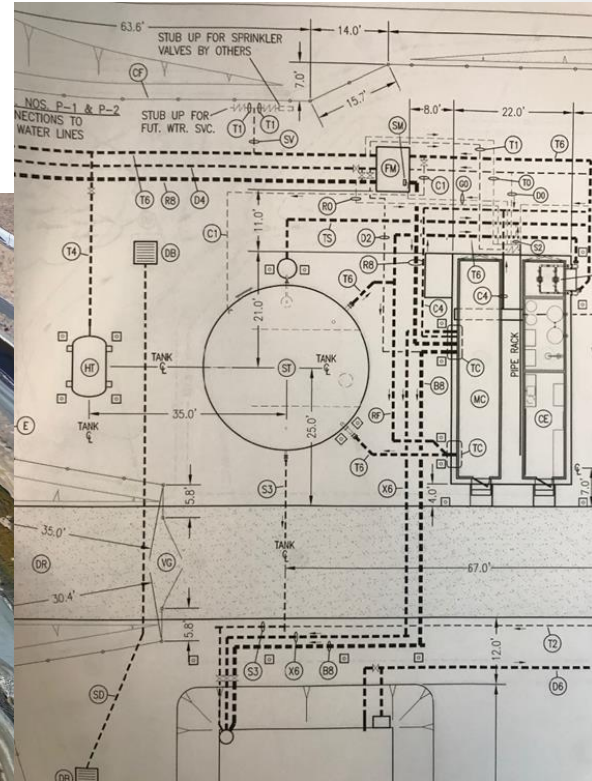


Water Systems

- SSWA
 - 10 mgd Water Treatment Plant
- Gibson Canyon
 - 1.3 mgd Water Treatment Plant
- PHRE
 - 0.3 mgd Water Treatment Plant
- RNVWD
 - 1 mgd Groundwater System
- Quail Canyon
 - 0.2 mgd Groundwater System
- Stocking Ranch
 - 0.1 mgd Groundwater System
- Elmira
 - 0.3 mgd Groundwater System
- Blue Ridge Oaks & Peabody
 - 0.1 mgd Contract w/City of Fairfield



Treatment Plants



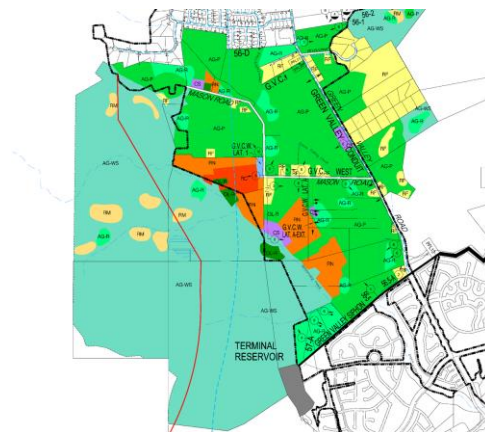
SID and Partner Agency Public Water System Overview

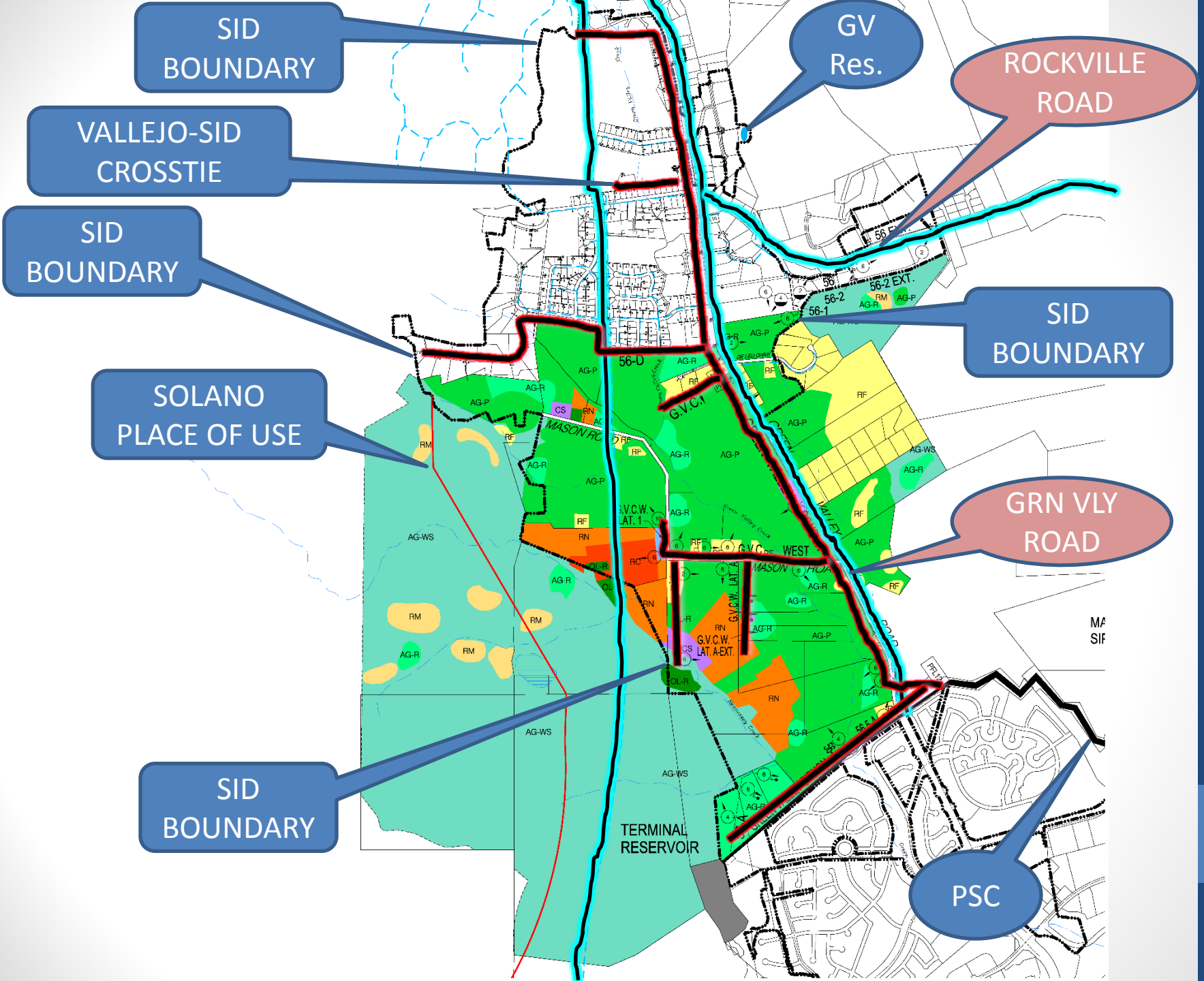
- 3 Treatment Plants
- 18 Treated Water Reservoirs
- 34 Pump Stations
- 4 potable wells (more than 30 ag wells)
- 133 Miles of Pipes (this number also includes non-potable water, not inclusive of Ag)



Middle Green Valley

- 10 yr history of partnering with Solano County and the Developer providing input on MGV Specific Plan, EIR, & WSA.
- April 18, 2018 issued Will Serve letter with 3 options:
 1. Treat & Wheel from Fairfield (BRO & Peabody examples)
 2. Construct WTP & well
 3. Construct WTP plus alt water source





SID BOUNDARY

VALLEJO-SID CROSSTIE

SID BOUNDARY

SOLANO PLACE OF USE

SID BOUNDARY

GV Res.

ROCKVILLE ROAD

SID BOUNDARY

GRN VLY ROAD

PSC

Water Service to MGV Project and Estimated Water Rates

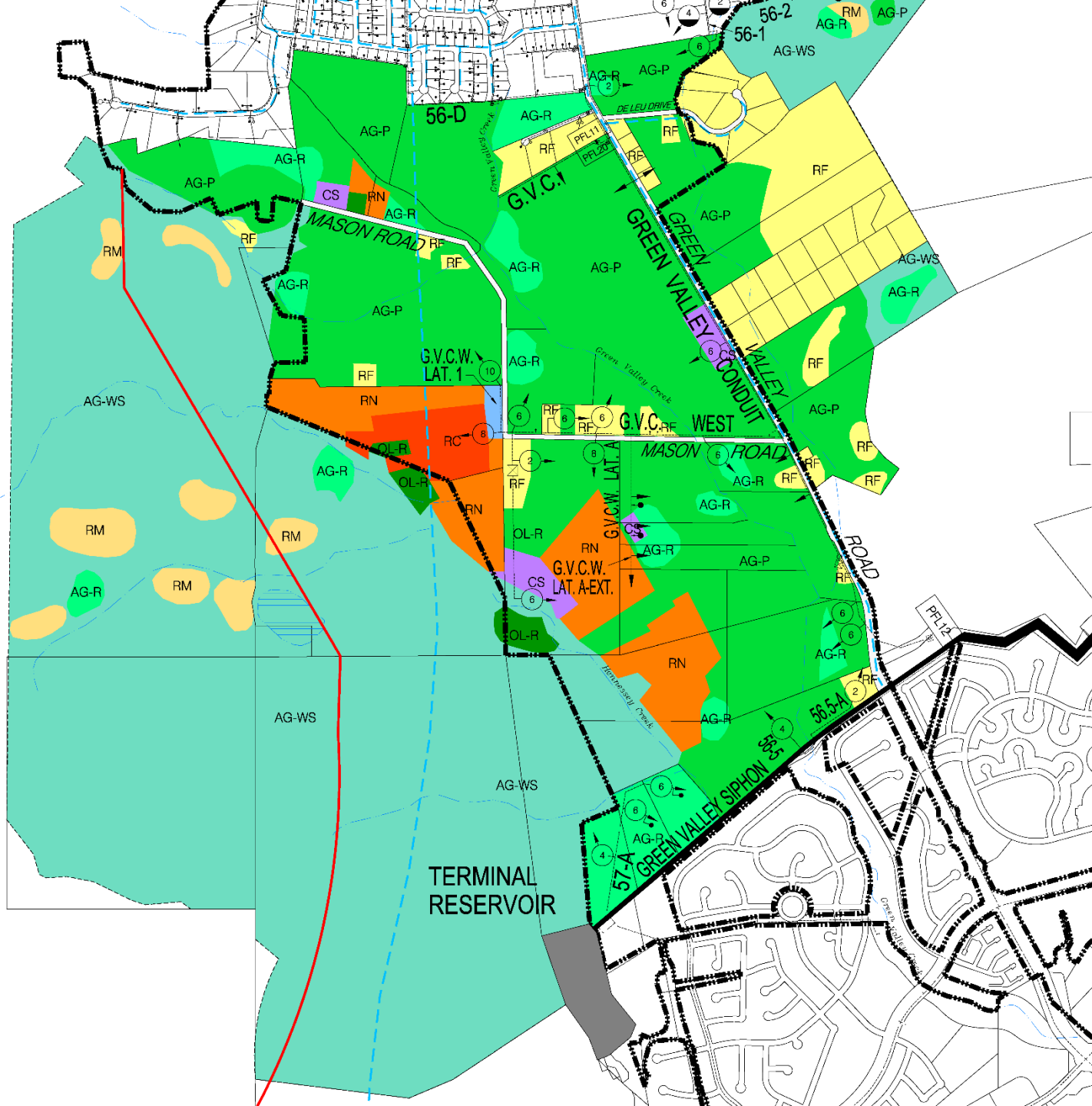
- SID has 2 mid-sized membrane treatment plants. We know what it costs to operate these mid-sized plants.
- We propose to build a 3rd for the MGV Project. Also, supplement the supply with some groundwater.
- We would expect the Water Rates to be about \$2.87 per unit in 2020 (as it compares to our Gibson Canyon plant).
- This compares to about \$13.13 per unit (varies up to \$20.43) for Vallejo's customers in the Lakes Water System. *All numbers are from rates posted on both SID's and Vallejo's web sites.*

Summary

- ✓ SID can provide drinking water to the MGV Project at a reasonable cost.
- ✓ We believe new MGV customers would pay approx ½ the cost of the existing Lakes Water System customers.
 - ✓ Why? Speaking for ourselves, we've been managing small and mid-sized water systems in Solano County since the 1970s. We're experienced at designing and managing systems on modest budgets for the benefit of our customers.
- ✓ Lastly, SID is also ready and willing to partner with Vallejo or other agencies where it can ... for the purpose of finding solutions to the Lakes Water System.

Questions?





VALLEJO
WTP

