



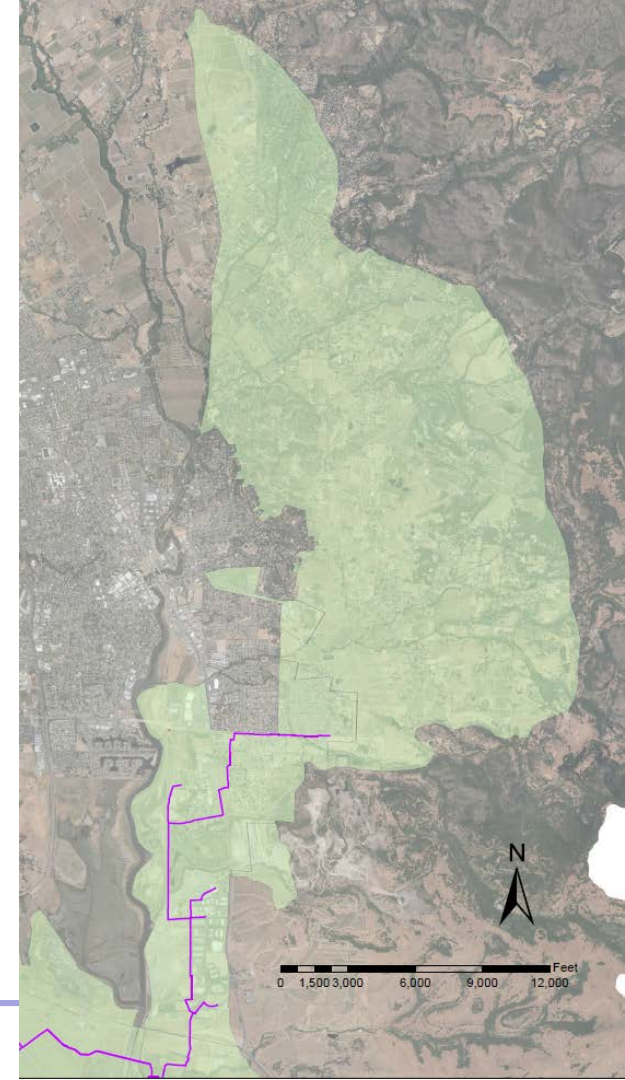
MST Truck Fill Station Project

Napa Sanitation District
Board of Directors Meeting
September 18, 2019



MST Recycled Water Service

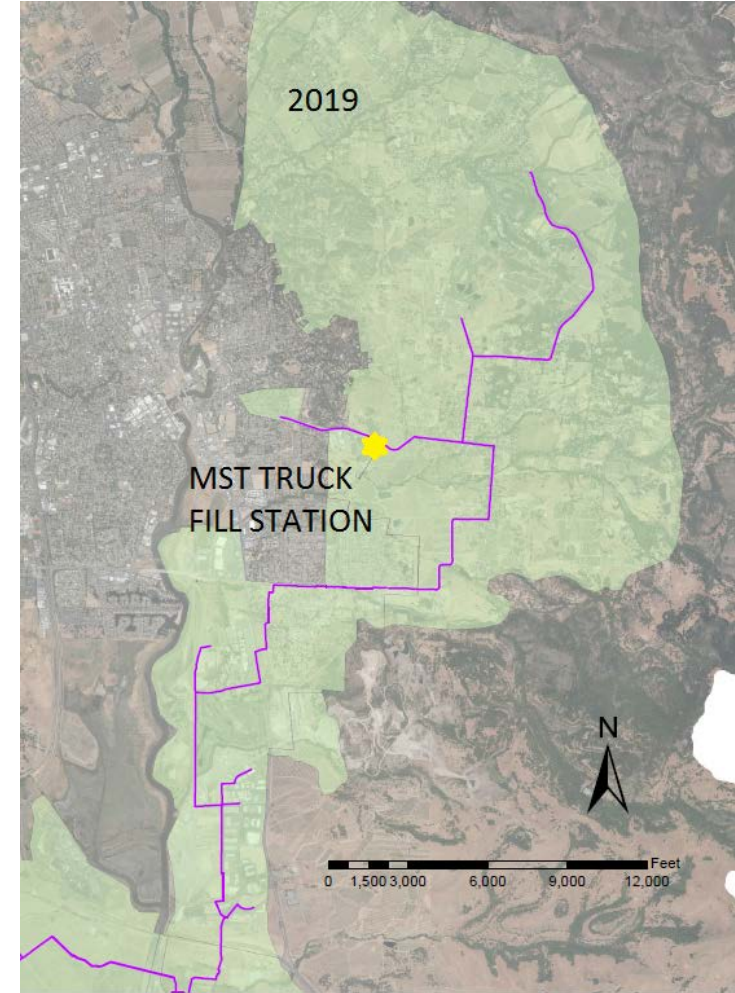
- Milliken-Sarco-Tulocay (MST) region has been identified as a groundwater deficient zone
- Recycled water has been provided to reduce groundwater withdrawals – promoting sustainable use





MST Recycled Water Service

- Progression:
 - Original MST Pipeline
 - State Hospital Pipeline - 2011
 - MST Pipeline - 2016
 - MST Expansion – 2017
 - MST Truck Fill Station - 2019



Location



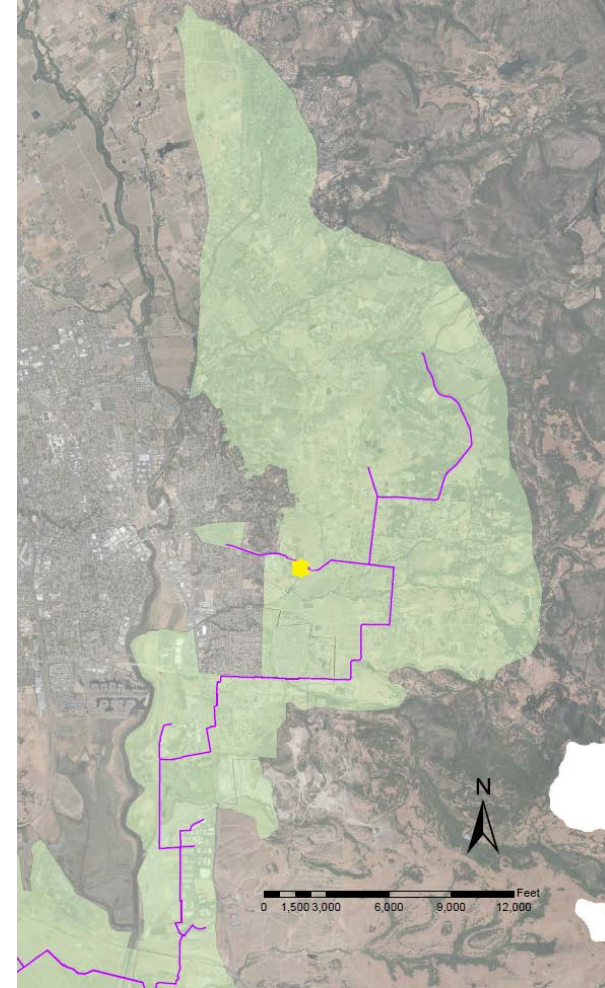


Location

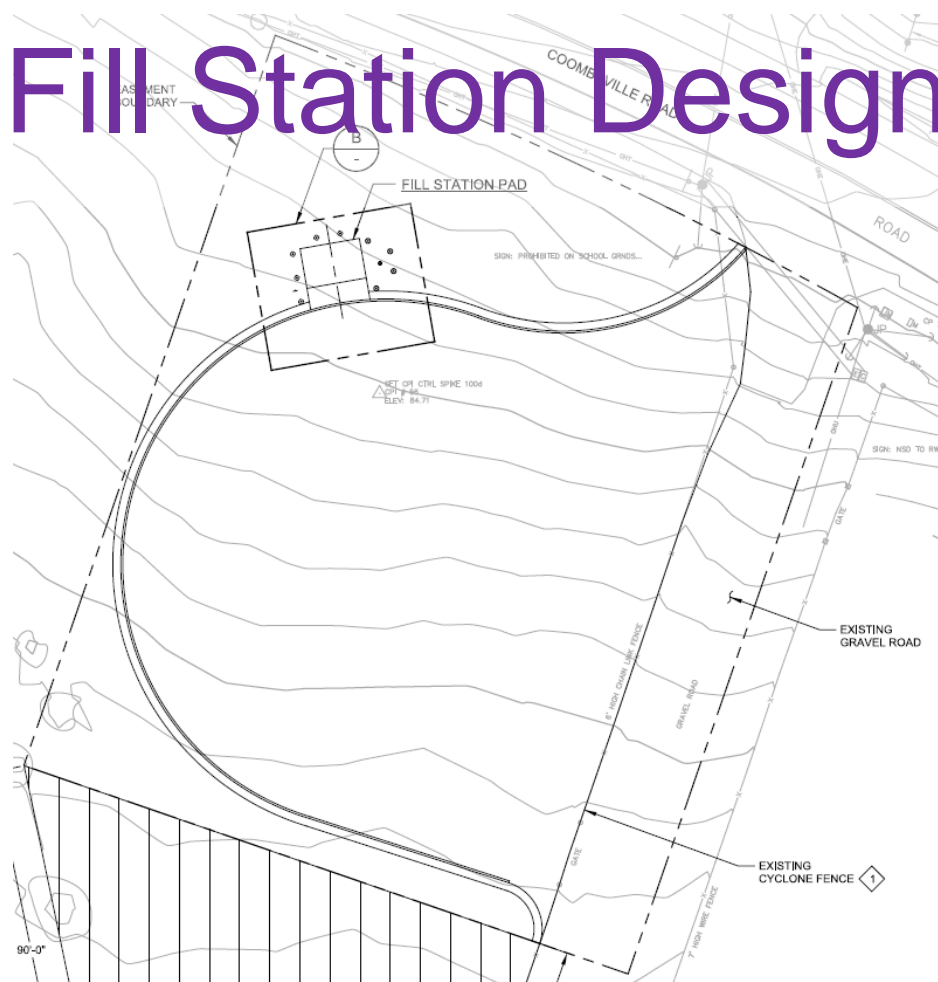


Potential Users

- MST Sphere users without access to the RW main



Fill Station Design



Fill Station Construction



Fill Station Use





Fill Station Use





Project Benefits

- Greater accessibility and usability of recycled water
- Improved accessibility for:
 - Emergency (fire/earthquake)
 - Drought
- Improved parking surface

School Coordination

- Construction on NVUSD property (RW customer)
- Coordination meeting with NVUSD and County
- Easement Agreement





MST Funding

	Funding	Sources
Federal	\$4.5 million	WaterSmart
State	\$4.9 million	Prop 84 & Prop 1
Total:	\$9.4 million	
Total Project Cost:	\$18.5 million	MST CFD and grants
Grant Share:	51%	

Projects – Coombsville Extension, MST Pipeline, MST BPS-1



Project Costs

Project Element	Cost
Design	\$ 75,000
Environmental/Permitting	\$ 27,000
Staff Time	\$ 30,000
Construction	\$ 384,000
CM	\$ 40,000
ESDC	\$ 30,000
Total	\$ 586,000

All costs reimbursed by Napa County



Construction Costs

- Contractor: Team Ghilotti, Inc.
- Engineer's Estimate \$431,875
- Bid Amount \$384,158.80
- Change Orders \$0 (0.0%)
- Final Contract Amount \$384,158.8



Questions?

Recommendation

- Adopt Resolution accepting completion and authorize General Manager to file Notice of Completion with the County Recorder