

Water, Sewer, and Recycled Water Master Plans

FORA Meeting



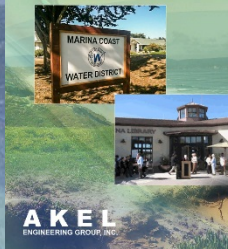
Marina Coast Water District
Water Master Plan



Marina Coast Water District
Sewer Master Plan



Marina Coast Water District
Recycled Water Master Plan



AUGUST 2018



September 19, 2019



Master Plans Objectives

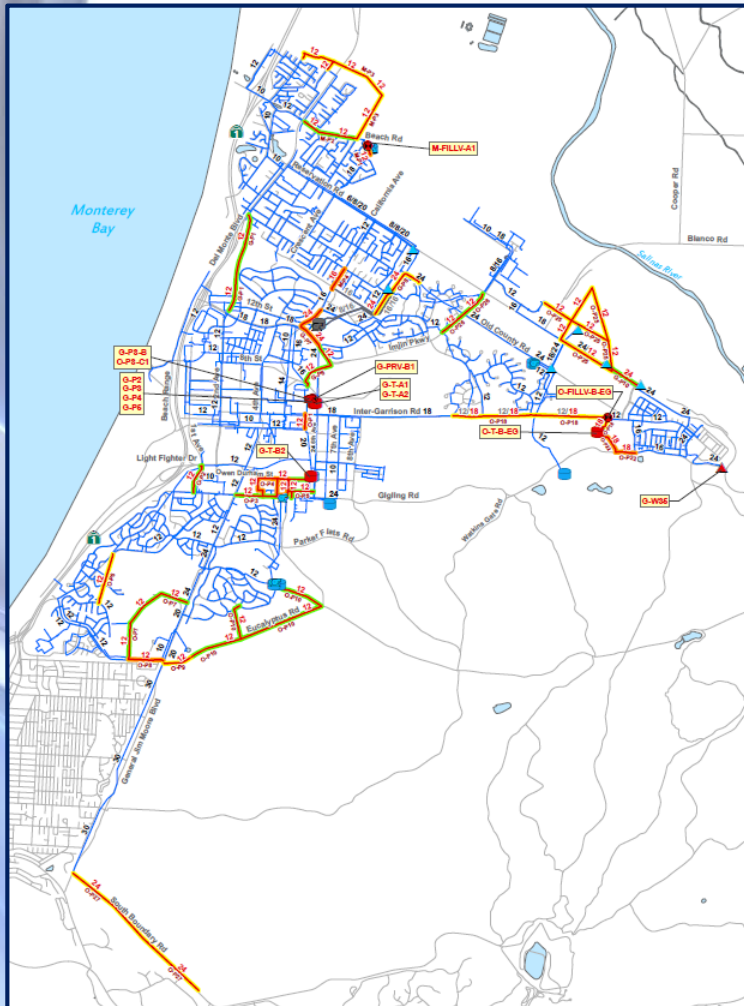
- Recommend improvements to mitigate existing deficiencies
- Recommend improvements to service growth
- Develop Capital Improvement Program
 - Existing and Future Costs (AB1600)
 - Ord Community and Central Marina
- Support Development of Capacity Fees

Capital Improvement Program - Summary

- Near-Term Development Limits (2035)
- \$178 million for Water, Sewer, and Recycled Water

Capacity Improvements			
Master Plan	Existing Users	Future Users	Total
	(millions)	(millions)	(millions)
Water Master Plan	\$29.3	\$44.0	\$73.3
Sewer Master Plan	\$20.1	\$24.0	\$44.1
Recycled Water Master Plan	\$13.8	\$47.0	\$60.8
Total	\$63.2	\$115.0	\$178.2

Water System CIP

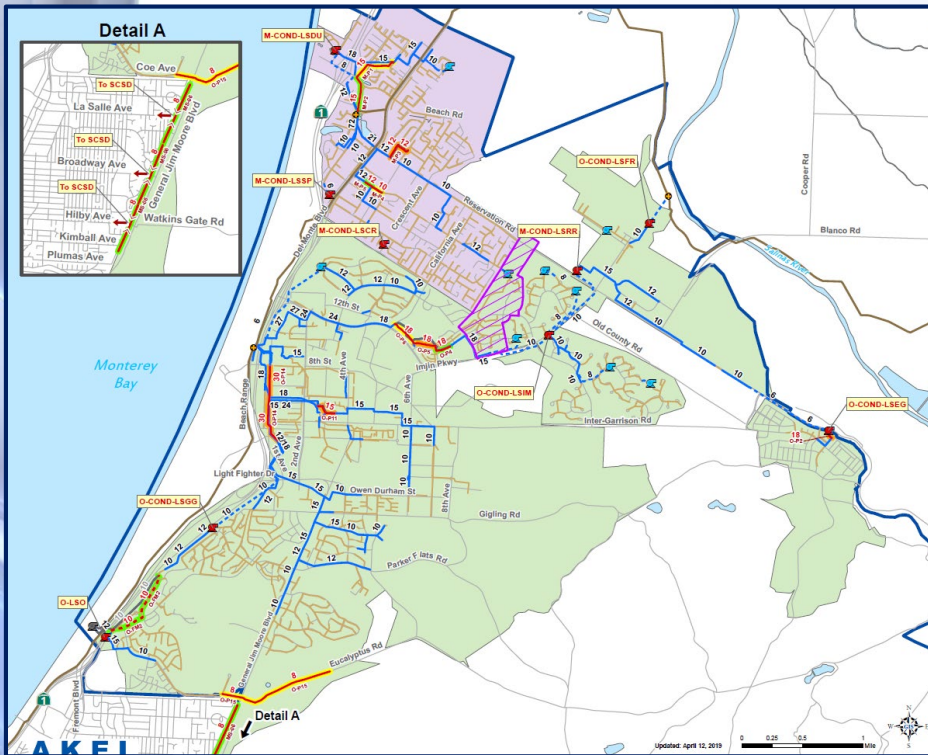


Existing Users Share: \$29.3m

Future Users Share: **\$44.0m**

- 20 miles of pipelines
- Over 4 MG of storage
- 5,000 gpm of boosting capacity

Sewer System CIP

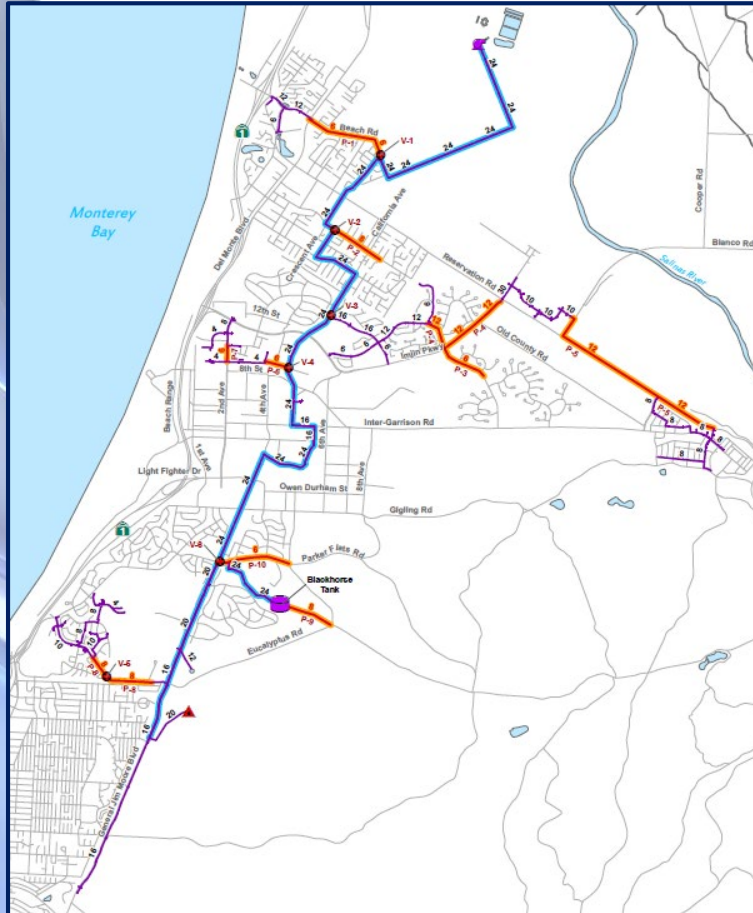


Existing Users Share: \$20.1m

Future Users Share: **\$24.0m**

- Over 4 miles of pipelines
- 11 lift stations

Recycled Water System CIP

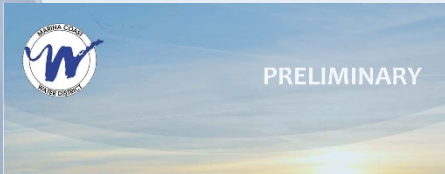


Existing Users Share: \$13.8m

Future Users Share: **\$47.0m**

- Over 5 miles of pipelines
- 2 MG of storage
- Groundwater Injection Barrier Project

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Marina Coast Water District
Water Master Plan



Marina Coast Water District
Sewer Master Plan



Marina Coast Water District
Recycled Water Master Plan



AKEL
ENGINEERING GROUP, INC.

AUGUST 2018

Stakeholder Meeting No. 1



September 5, 2019

