

**Summary of Engineering and Planning (E&P) Subcommittee October 3, 2019
Meeting for MWPAAC General Meeting on October 23, 2019**

Lakehaven Water and Sewer District Infiltration/Inflow (I/I) Reduction Program

- Pilot I/I reduction program to reduce wet weather flows to Lakehaven's 6 mgd Redondo Wastewater Treatment Plant
- Conducted pre-construction flow monitoring to identify best pilot area and establish baseline flows
- Phase 1 installed Cured-in-Place-Pipe (CIPP) as a liner inside both the public sewer pipe (primarily concrete) and private side sewers
- Liner cured with ultraviolet light rather than steam or hot water
- Offered private side sewer lining to property owners at no charge (84 out of 86 accepted)
- 3900 feet of public sewer and 4700 feet of private side sewers for \$1.1 Million
- Phase 2 (6100 feet of pipe for \$950,000) only lined the public sewers (not the side sewers) to compare I/I reduction with Phase 1
- Post construction flow monitoring underway to evaluate effectiveness
- Stay tuned for future updates!

Questions?

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