

# Mary Rhodes Pipeline

## Update Briefing and Proposed Action Plan

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# Summary of Condition Assessment

- Pipeline is in good condition for its age
- Pipe pressure exceedance areas were identified
- Schedule 2B and 3 both have pressure exceedances during operation
- Three leaks were identified and repaired as part of this assessment
- Erosion areas reducing the cover over the pipeline have been identified at various water crossings



# Interim Proposed Approach

- Three sections of parallel line were proposed in pressure exceedance zones.
- Some outside experts believe that pump optimization may address pressure exceedances without the need to construct parallel lines.
- We may find, after more analysis, that while pump optimization may help, it may not completely address the exceedances.
- The original pumping schedule was developed more than 25 years ago, it makes sense to re-evaluate this.
- We are operating the system exactly how it was designed.

# Next Steps

- Increase pumping to Schedule 3 on Monday June 24, 2024
  - Coordination with LNRA (Lavaca Navidad River Authority)
  - Coordination with LCRA (Lower Colorado River Authority)
  - Notification to AEP (American Electric Power)
  - Emergency Contractors Notified
  - Order additional pipe and repair materials
  - CCW and LNRA Operator Coordination
- Conduct Pump System Optimization
- Continue Maintenance Work Including Pressure Monitor Installation
- Mary Rhodes Pipeline pump station system improvements – project no. E13037 Bid Date July 24, 2024
- Maintenance and upgrade of cathodic protection system – project no. 23064

# Timeline

Actions	June	July	August	September	October
Proposed start up of Schedule 3 Scenario	X	X	X	X	X
Implement Pump Optimization Evaluation	X	X	X	X	-
Briefing to Council on Pump Optimization Results	-	-	-	-	X
Recommendation of Necessary Infrastructure Improvements to Sustain Schedule 3 and Schedule 4 Pumping Scenarios	-	-	-	-	X



Thank you!

