

SAMPLE TEST RESULTS

REPORT FOR: XYZ Sprinkler Company
2357 VENTURA DR
STE 108
SAINT PAUL MN 55125

PO: Example
Job ID: Corrosion and MIC Example Report

Job Number: 67105
Date Received: 06/15/2026
Report Date: 06/17/2026
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Sample Information	Test	Method (LBTR-)	Moderate Risk Range	Test Value	Test Risk
Sample Number: 1 Sample ID: Example System Volume: Example Product: Water (Corrosion & MIC Analysis) Sampling Point: Water Supply	<u>Composition</u>				
	Dissolved Oxygen, ppm	3800	3-6 ppm	7.0	High
	Dissolved Chloride, ppm	3802	For LSI	50.0	Info Only
	Dissolved Sulfate, ppm	3802	For LSI	25.0	Info Only
	Alkalinity (HCO ₃ and CO ₃), ppm	3801	For LSI	130.0	Info Only
	Hardness (Mg + Ca), ppm	3802	Info Only	110.0	Info Only
	pH	3801	5-10	6.0	Moderate
	Iron-Reducing Bacteria (IRB)	3805	1k-100k cells/mL	100	Low
	Sulfur-Oxidizing Bacteria (SOB)	3805	10k-1M cells/mL	1000	Low
	Sulfate-Reducing Bacteria (SRB)	3805	10k-1M cells/mL	1000	Low
	Corrosive Methanogens (micH)	3805	100-1k cells/mL	10	Low
	<u>Interpretations</u>				
	Larson-Skold Index (LSI)		0.8-1.2	0.8	Low

Comments:

This water was tested as required by the 2026 edition of NFPA 25, section 14.2.1.3, and the 2025 edition of NFPA 13, sections 5.1.4.1 and 5.1.4.2.

Based on the results, the overall corrosion risk is low. Continue to monitor per NFPA 25. The Larson-Skold Index result suggests a protective barrier of scale (e.g. calcium or magnesium carbonate) can be expected to inhibit dissolved oxygen corrosion.

Alyssa Dunn

Alyssa Dunn, General Manager