

VILLAGE OF SHERIDAN

DWSRF/USDA-WATER SYSTEM IMPROVEMENTS PROJECT



Shane Peterson, PE and Mike Vander Ploeg, PE
FLEIS & VANDENBRINK

AGENDA



- Project Background
- Project Scope and Overview
- Project Costs and Financing
- Tentative Schedule
- Discussion, Q/A

PROJECT BACKGROUND



- The Village of Sheridan applied through EGLE's Drinking Water State Revolving Fund (DWSRF) in 2023
- Village was awarded \$3.9 million in American Rescue Plan (ARPA) Grant
- Additional \$3.9 million is needed to fund the entire project

WHAT ISSUES WILL THIS PROJECT ADDRESS?



- Poor water quality throughout the Village water system
- Aged and undersized water main needs to be replaced
- Improve system communications between the wells, water tower, and proposed Iron Removal Plant
- Water main looping to address dead end mains
- Lead Service Line Replacements (Galvanized)

RED WATER (IRON)



WATER MAIN BREAKS

- Village water system experiences 4 water main breaks per year, typically during the winter



PROJECT SYSTEM IMPROVEMENTS MAP



WATER TREATMENT



PROJECT COST AND FINANCING



- ▶ Anticipated Project Costs: \$7,970,000
- ▶ ARPA Grant: \$3,985,000 (50%)
- ▶ Need to obtain \$3,985,000 in additional funds
- ▶ Apply for remaining balance through USDA Rural Development Loan Program
 - ▶ Low interest loan over 40-year term

TENTATIVE SCHEDULE



- ▶ Submit USDA RD Application: March 2024
- ▶ Preliminary Engineering: March 2024
- ▶ USDA RD Loan Commitment: June 2024
- ▶ Engineering Design and Permitting: June 2024- January 2025
- ▶ Construction: 2025 – 2026

DISCUSSION, Q&A

