

Pony Creek Treatment Plant Tour

Introduction (15 minutes)

- Welcome and Introductions
- Brief History of the Facility
 - Plant history
 - Plant upgrade
 - Distribution System

Section 1: Water Source (10 minutes)

- Impoundments
 - History
 - Dam Upgrades
 - Intake Structure
 - Alternative Sources

Section 2: Headworks and Sedimentation Basins (15 minutes)

- Coagulant injection process
 - Operation Challenges
- Sedimentation Process
- - Design Process and Challenges

Section 3: Filtration Process (15 minutes)

- Filter 1-5 Overview
 - Filtration, Backwash, and Maintenance
 - Low-Lift Wet Well
 - Operation, Maintenance, and Challenges

Section 4: Disinfection Process (10 minutes)

- The Disinfection Train
 - Initial CL2 injection

- Ammonia
- Operation, Maintenance, and Challenges.

Section 5: Chemical Feed System (10 minutes)

- Chemical Feed Building
 - Past Practices,
 - Lessons Learned
 - Chemical Storage
 - Transmission to Clearwell

Section 6: SCADA System (10 minutes)

- The SCADA System
 - History
 - SCADA Master Plan
 - SCADA Upgrades
 - Operational Challenges

Section 7: Laboratory (15 minutes)

- Laboratory Tests and Procedures
 - New Equipment and Improvements
 - Lessons Learned
- Regulatory Compliance
 - Required Testing
 - Challenges

Section 8: What Does the Future Hold? (10 minutes)

- Water Master Plan
 - Future Projects

Q&A and Discussion (10 minutes)