

## CASE STUDY | CLIENT: WATER DISTRIBUTION TEST FACILITY

### Requirements:

- Coat 8" diameter, reclaimed ductile iron and mortar lined iron water main pipes that had been cleaned after contamination
  - Pipe sections were heavily corroded and pitted with 20-40 years of service
- Coating must be compatible with water quality standards and sanitization protocols including exposure to chlorine flushes

### Outcome:

- Cleaning and coating of the sections were completed within 3 days
- Pipe surface was coated with DragX™ to desired specifications
- DragX™ successfully sealed pipe surface pores to prevent residual contamination from ongoing fouling
- During the sanitization process, it was seen that DragX reduced chlorine uptake of the pipe walls by a factor of 3-4 during chlorination process, meaning that chlorine can be utilized much more efficiently after coating

