



Case Study Category: REDW

Case Study Title: Cleaning and Cement Mortar Lining (C&CML) for Unlined Cast Iron Pipes in Seattle, Washington

Utility Name: Seattle Public Utilities

Case Study Abstract: Seattle Public Utilities (SPU) was experiencing problems with unlined cast iron pipe that was having capacity and water quality issues related to tuberculation. A pilot program to test the effectiveness of cleaning and cement mortar lining (C&CML) as a rehabilitation technique was launched in June of 2003, and the resulting lessons learned were invaluable. The benefits of rehabilitation were researched before the project began, and specific goals were set for the pilot project. A comprehensive review of other utility experience with C&CML was also completed to get a better idea of what to expect and to prevent as many mistakes as possible up front.

Case Study Link: <http://waterid.org/content/cleaning-and-cement-mortar-lining-ccml-unlined-cast-iron-pipes-seattle-washington>