



**Case Study Category:** REWW

**Case Study Title:** Pipe Reaming of Vitrified Clay Sewer line in High-Traffic Area in Seattle, Washington

**Utility Name:** Seattle Public Utilities

**Case Study Abstract:** This case study discusses the use of pipe reaming to replace an existing vitrified clay sewer pipeline in the heart of the Seattle Public Utility service area. The project was located in an area known historically as the “Mercer Street Mess”. The surrounding area is south of Lake Union and has experienced substantial growth in commercial and industrial buildings in the last 10 years. The infrastructure changes have not kept up with the development, resulting in the current pipeline being drastically undersized. The project included many challenges in design and implementation. This case study provides background information for the utility, the technology, and the project in which the technology was used. It also discusses important components of project design and technology implementation; provides an overview of technology benefits and limitations for use; and summarizes a few key challenges and lessons learned by the utility along the way.

**Case Study Link:** <http://www.waterid.org/content/pipe-reaming-vitrified-clay-sewerline-high-traffic-area-seattle-washington>