



Case Study Category: REWW

Case Study Title: Pipe Bursting of 8-Inch Clay Sewerline in Residential Area in Peachtree City, GA

Utility Name: Peachtree City Water and Sewerage Authority

Case Study Abstract: This case study was created based on information provided by the Peachtree City Water and Sewerage Authority (PCWASA) in Peachtree, Georgia. PCWASA began using trenchless replacement methods in the spring of 2011, starting with pipe bursting and horizontal directional drilling (HDD) technologies. The Kings Ridge Sanitary Sewer Rehabilitation project was completed in the summer of 2011 to replace a segment of 8" clay sewerline with multiple defects with an 8" HDPE pipe using pneumatic pipebursting technology. The case study provides a background of the utility and pipebursting technology, using the experience that PCWASA had in its Kings Ridge Project to address the benefits, limitations, and primary cost drivers for the implementation of pipebursting technology. It then provides valuable lessons learned and tips for other utilities who plan to utilize pipebursting technology.

Case Study Link: <http://www.waterid.org/content/pipe-bursting-8-inch-clay-sewerline-residential-area-peachtree-city-ga>