



**Case Study Category:** REWW

**Case Study Title:** Sewer Interceptor Installation Using Traditional Drill and Blast Tunneling Techniques in Howard County, MD

**Utility Name:** Howard County

**Case Study Abstract:** Inflow and Infiltration is a common issue in wastewater systems and one of the primary drivers for pipeline renewal in many municipalities. Through an overall assessment of the Little Patuxent Sewershed as well as a sewer system evaluation survey, Howard County was able to identify the Little Patuxent Sewer Interceptor itself as a source of significant infiltration, even though the overall Sewershed did not necessarily contribute large quantities of flow to the system. To resolve issues with infiltration and overflows, Howard County decided that the best alternative was to replace the entire Little Patuxent Sewer Interceptor with a parallel sewer interceptor that would have increased capacity

**Case Study Link:** <http://waterid.org/content/sewer-interceptor-installation-using-traditional-drill-and-blast-tunneling-techniques-howard>