



Case Study Category: REDW

Case Study Title: Portland Water Bureau Business Case for the Practice of Hydroflushing with NO-DES Technology

Utility Name: Portland Water Bureau

Case Study Abstract: Portland Water Bureau began a Uni-Directional Flushing Program in Fiscal Year (FY) 2006/2007. This program involves preventative maintenance designed to remove deposits and debris from mains. This is done by isolating small portions of the distribution system and then forcing water to flow through that portion in the opposite of the usual direction. This process flushes accumulated organic and sedimentary particles and pockets of stale water into the sewer, and is a less aggressive process than pigging to remove tubercles. A business case is made for this program.

Case Study Link: <http://waterid.org/content/portland-water-bureau-business-case-practice-hydroflushing-no-des-technology>