Case Study: Aberdeen, ID

LOCATION:	Aberdeen, ID
PROJECT SCOPE:	Total replacement of aging, corroded cast iron and ductile iron water system in residential setting
APPLICATION:	32,000 feet of 6-inch – SDR 17 HDPE Pipe 17,000 feet of 8-inch –SDR 17 HDPE Pipe 13,000 feet of 12-inch – SDR 17 HDPE Pipe 1,500 tie in to lines (houses) – SDR 17 HDPE Pipe
PROJECT DATES:	Start date: April 2003 Completion date: June 2003
KEY CONTACTS:	Steve Wilson, President, High Country Fusion (steve@hcfusion.com) Brian Schneider, City Council Person Morgan Anderson, Mayor of Aberdeen Cliff Cox, Contractor Richard Mayer, Public Works Director

Summary

Aberdeen, a small community of 2000 people in Idaho, did a major makeover on their municipal water system by switching to PE Pipe. “We were fixing one or two leaks per week, and we had to make a change,” explained Morgan Anderson, Mayor of Aberdeen. Over 12 miles of PE pipe were used to replace aging, corroded cast iron and ductile iron pipes in a residential setting. “One of our council members went to a workshop about PE and came back and recommended it. He really believed in it,” added Mayor Anderson.

“We found that the process of installing PE was less time consuming than installation of PVC or metal pipe,” explained Cliff Cox who was the main installer for this 2003 project. “If all conditions are the same, we can install 1000 feet of PE in one hour versus seven hours for PVC or concrete pipe,” Cox added. There is a lot more time needed for joint and spigot connections with other pipe. PE pipe is fused together at the joints to create a very strong flexible pipe that is virtually leak proof. Aberdeen had 60,000 feet of PE installed. “When installed correctly, PE is leak free and the best solution for conserving water,” concluded Cliff.

The PE pipe system has been in place for five years now and has been maintenance free with no problems. Zero leaks, low overall life cycle costs, and the fact that PE is environmentally friendly, are top reasons why 70% of all new water application purchase decisions in Europe are PE.