



# CASE STUDY



conserving water. protecting the environment.



## ABERDEEN, ID CASE STUDY

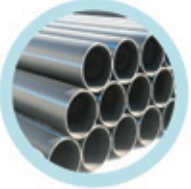
**LOCATION:** Aberdeen, ID

**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 63,000 feet 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. The idea was to confront the issue of leaking pipes head on and not just continue status quo of repairing the pipe but actually address the root cause and put in a pipe that does not corrode or leak.

“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. “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.

*Please do not hesitate to contact the Alliance with any questions or comments.  
Contact Steve Shur at 202-347-3077, sshur@pepipe.org*



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