

North Mercer Water District

Explanation of Water Line Replacements

Water main lines that have been replaced, thereby, lowering water loss significantly are: Warwick, Providence, Gash and Mundy's Landing. These mains were all class 160 PVC lines. Much of the old main was brittle and North Mercer experienced problems for years. For years North Mercer personnel just kept fixing the multiple breaks in all of these areas. Before North Mercer replaced these lines we charted our line breaks and where we were having the most problems. These lines had multiple breaks over the years and the oldest line in these areas was 29 years.

A project also replaced Asbestos Cement (AC) pipe along US Highway 127 and Mackville Road. These lines were in the ground for 42 years. We found that these lines were leaking at almost every service connection point. Most of the leaks were small but continuous. There was also a small section of galvanized pipe replaced on Oakland Lane. This line was also approximately 42 years old.

Below is a breakdown of the pipe North Mercer put back into the ground as replacement.

8" class 200 PVC	39,874 feet
6" class 200 PVC	8,642 feet
4" class 200 PVC	5,578 feet
12" class 200 PVC	1,480 feet