

PIPE BURSTING

WHAT IS PIPE BURSTING?

Pipe bursting is a method of pipe rehabilitation. A new pipe of equal or larger diameter is inserted into an existing pipeline by bursting open the existing pipe and pulling or pushing the new pipe into the old pipe. The new pipe is simultaneously inserted into an enlarged hole created by the burster (or expander). The concept was developed in Europe to replace cast-iron gas distribution lines. Pipe bursting has been used in the United States since 1986, rehabilitating up to one million linear feet of pipe per year.

What happens during the Pipe Bursting process?

The pipe bursting process is less disruptive than open cut pipe replacement however; some excavation and disruption can be expected. Pipe bursting requires excavation at the entry and exit points and for each service connection.

WHAT ARE THE BENEFITS OF PIPE BURSTING?

The advantages of Pipe Bursting over Open-cut replacement include:

- Less traffic disturbance
- Shorter time for replacement
- Less business interruption
- Less environmental disturbance



FACT SHEET



City of Atlanta
Mayor Keisha Lance Bottoms

Atlanta City Council

Felicia Moore *President*
Carla Smith *District 1*
Amir R. Farokhi *District 2*
Antonio Brown *District 3*
Cleta Winslow *District 4*
Natalyn Mosby Archibong *District 5*
Jennifer N. Ide *District 6*
Howard Shook *District 7*
J.P. Matzigkeit *District 8*
Dustin Hillis *District 9*
Andrea Boone *District 10*
Marci Collier Overstreet *District 11*
Joyce Sheperd *District 12*
Michael Julian Bond *Post 1 at Large*
Matt Westmoreland *Post 2 at Large*
Andre Dickens *Post 3 at Large*

Kishia L. Powell
Commissioner
Department of Watershed Management



CITY OF ATLANTA DEPARTMENT OF
**watershed
management**

CLEAN WATER ATLANTA



DWM Customer Service: 404-546-0311
www.atlantawatershed.org/cleanwateratlanta

Clean Water Atlanta is a comprehensive program created to ensure clean drinking water, clean streams and a healthy environment for the City of Atlanta and its downstream neighbors. To learn more about Clean Water Atlanta please visit our website www.Atlantawatershed.org/cleanwateratlanta or call 311.