City of Rochester

Department of Environmental Services
10 Felix Street
Rochester, New York 14608
www.cityofrochester.gov

one city ROCHESTER Bureau of Water

You are invited to attend a **Public Information Meeting** for the Water Bureau's **2014 Water Main Cleaning and Lining Project.**

Where: **Water Bureau Operations Center**
Address: **10 Felix Street Rochester, NY 14608**
Date: **Wednesday, May 21, 2014**
Time: **7:00 P.M.**

Water mains located on the following streets will be rehabilitated:

STREET NAME	FROM	TO	STREET NAME	FROM	TO
Aqueduct Street	East Main Street	Bank Place	**Graves Street**	East Main Street	Race Street
Blakeslee Street	N. Goodman St.	Norton Village Ln..	**Gray Street**	North Goodman	Traver Circle
Bleacker Road	Densmore Street	Norton Street	**Greenlane Drive**	Clifford Avenue	Fernwood Park
Bricker Street	Traver Circle	Norton Street	**Kilmar Street**	Norton Street	NYS Route 104
Claybrook Street	Clifford Avenue	Fernwood Park	**Marne Street**	North Goodman	Lyceum Street
Corrigan Street	Lake Avenue	Estes Street	**Patt Street**	Gray Street	Blakeslee Street
Crossfield Road	Densmore Street	Norton Street	**Race Street**	Aqueduct Street	Graves Street
Culver Road	Clifford Avenue	Master Street	**Revella Street**	Clifford Avenue	Fernwood Park
Elbert Street	Waring Road	Bleacker Road	**River Heights Cir.**	South End	North End
Elm Place	Gray Street	Blakeslee Street	**S. Union Street**	Monroe Avenue	Canfield Place
Fernwood Park	Greenlane Drive	Woodman Park	**Walbar Street**	Clifford Avenue	Fernwood Park
Fieldwood Drive	N. Goodman St.	Lyceum Street	**Yates Street**	Bricker Street	Traver Circle

This project involves rehabilitating existing water mains to improve water quality and available flows for fire-fighting. Hard deposits (formed by corrosion) are removed from the interior of the main and a thin layer of cement mortar is applied to the interior pipe walls to prevent deposits from reforming. Temporary water pipes are used to supply water to customers during construction.

Residents, property owners and business owners are encouraged to attend this meeting. At this meeting, we will discuss the project in detail and answer your questions. **On the reverse side of this notice, you will find answers to frequently asked questions about our water main cleaning and lining program.** A copy of the notice that will be distributed within the project area, via door hanger, immediately prior to construction, is also attached. To obtain additional information about this meeting or to request special arrangements to attend (such as translators, handicap accessibility, etc.), please contact Pat O'Connor at 428-7881. We look forward to meeting with you.

Sincerely,

Robert L. Morrison

Robert L. Morrison
Director of Water

WATER MAIN CLEANING AND LINING PROJECT

FREQUENTLY ASKED QUESTIONS

Why are water mains cleaned and lined?

Before the 1950's, cast iron water mains were not manufactured with a cement mortar lining. When an unlined metallic pipe corrodes, hard deposits called tuberculation form on its interior. These deposits reduce the quantity of flow in the main and, if they become dislodged, diminished water quality can result. Cleaning and lining of water mains is a proven, cost effective solution to rehabilitate structurally sound cast iron water mains. It improves the water quality and increases the available water flow for fire-fighting because it creates a smoother pipeline interior. The City first began cleaning and lining its water mains in 1944 and has cleaned and lined over 220 miles of its water mains since then.

Why not install a new water main instead?

Installing a new water main is substantially more disruptive and expensive than cleaning and lining an existing water main. New water main installations require the excavation of a continuous trench along one side of the street and the purchase and installation of new pipe. With cleaning and lining, it is only necessary to excavate several relatively small holes above the main at locations where there are existing valves or pipe bends. The cost of cleaning and lining an existing water main is approximately one-quarter of the cost of installing a new water main. Cleaning and lining can extend the useful life of water mains. The City has active water mains that were lined over 60 years ago.

How is a water main cleaned and lined?

The contractor begins by laying out temporary bypass pipes along the curbs on each side of the street. These pipes are disinfected, tested and approved by the Monroe County Health Department prior to use. Your water meter will be removed and your water service connected to the bypass pipe using a flexible hose. Connections are normally made through a basement window. Any access openings will be covered and made secure by the contractor. The contractor will contact the resident prior to making this connection. During the period that the meter is removed, customers will not be charged for the water that they use. However, the normal quarterly base charge will still be applied to the bill. After all temporary pipes and hoses are installed and connected, the water main will be taken out of service. Throughout construction, customer's water will be supplied through these temporary pipes and hoses. Special fittings located on the bypass pipe will allow the fire department to connect their fire hoses directly to the bypass pipe, thereby maintaining fire fighting capability while the water main is out of service.

Excavations are made at selected locations above the water main (usually at intervals between 500 and 800 feet) and the main is cut at these locations to provide access for cleaning and lining equipment. A mechanical scraper is pulled through the main until all tuberculation is removed and the main is then flushed clean. The contractor then coats the interior of the main with cement mortar using a special machine that sprays the mortar on at a uniform thickness. The cut sections of main are repaired and the excavations are backfilled. Before the newly lined water main is placed back in service, it is disinfected, flushed and tested by the Health Department. After the newly lined main is placed back in service, the temporary bypass pipe and services are removed. The contractor will contact residents to make arrangements for removal of the temporary hose and reconnect the water meter. Pavement, lawns and sidewalks are restored to pre-construction conditions. From start to finish, the work on any one section of water main can take approximately 1 to 2 months.

Where can I get more information?

Visit the City's cleaning & lining project website at http://www.cityofrochester.gov/cleaningandlining/