



Waterway Drive Water Main Replacement

Project No. BR6510A18

May 23, 2024

Agenda

- Introduction to Project Team
- WSSC Water Overview
- Project Overview
- Project Map
- Estimated Construction Schedule
- What to Expect During Construction
- Questions & Answers

Project Team



- Tesfai Giorgis, Design Project Manager
301-206-4022, Tesfai.Giorgis@wsscwater.com
- Collins Njoku, Construction Manager
301-206-7362, Collins.Njoku@wsscwater.com
- Thomas Johnson II, Project Outreach Manager
301-206-8542, Thomas.Johnson@wsscwater.com
- John (Doug) Sievers, WSSC Urban Forester
301-206-8074, John.Sievers@wsscwater.com
- Evan Andrew, Project Manager Michael Baker International
410-689-3454, Evan.Andrews@mbakerintl.com

106 years & counting
No drinking water quality violations...ever!



WSSC WATER AT A GLANCE



Established in 1918, WSSC Water is the largest water/wastewater utility in Maryland and among the largest in the nation. Our service area spans approximately 1,000 square miles in Prince George's and Montgomery counties. We proudly serve 1.9 million residents with safe and reliable drinking water and help protect the Chesapeake Bay by treating and returning clean water back to Maryland waterways.



162,000,000 GALLONS OF WATER PER DAY
DELIVERED TO **1.9 MILLION** RESIDENTS

3 RESERVOIRS

2 WATER FILTRATION PLANTS

60 WATER TANKS

55 PUMPING STATIONS

6 WATER RESOURCE RECOVERY FACILITIES

1,630 EMPLOYEES

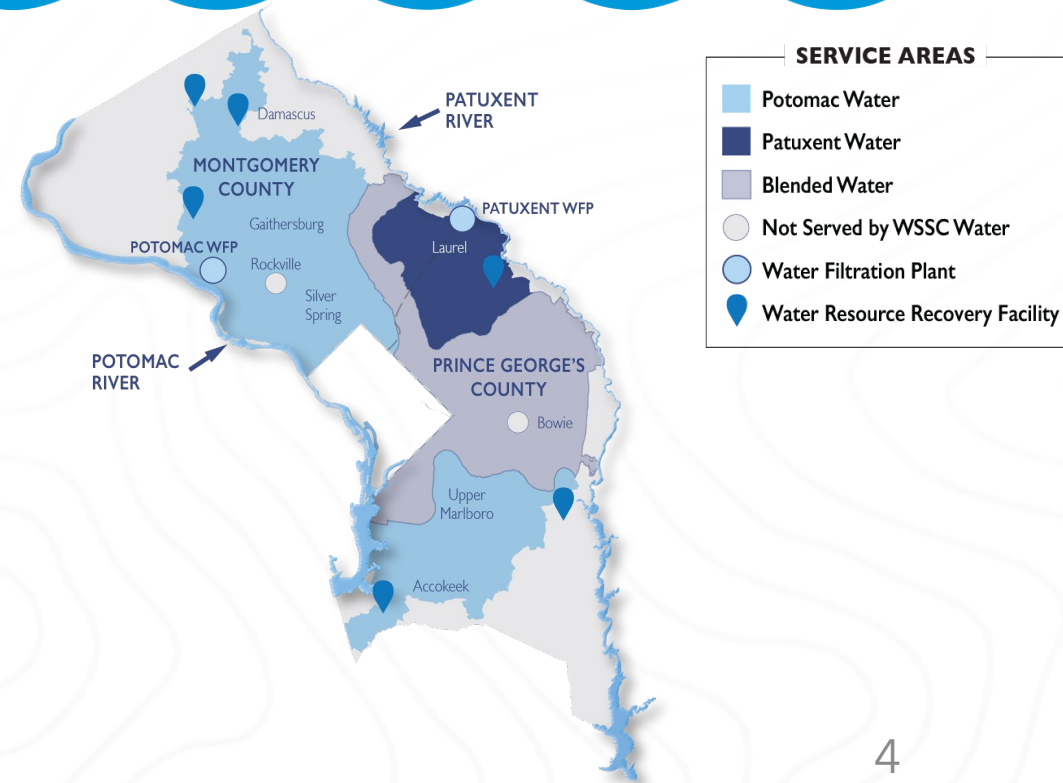
Our drinking water system spans **5,800+** miles

Our wastewater system spans **5,600+** miles

500,000 WATER QUALITY TESTS PER YEAR

504,800 METERS IN OUR SYSTEM

2.25 MILLION METER READS PER YEAR



HELPING OUR NEIGHBORS: WATER BILL ASSISTANCE

Promise.

Sign up for an affordable, flexible and interest-free payment plan. Customers with a past-due balance of \$50 or more are eligible.

**CUSTOMER
ASSISTANCE
PROGRAM
(CAP)**

CAP assists approved residential customers by waiving fixed fees, providing free annual plumbing inspections for water leaks, and much more.



Eligible customers can access the Water Fund multiple times, up to \$500 per year.



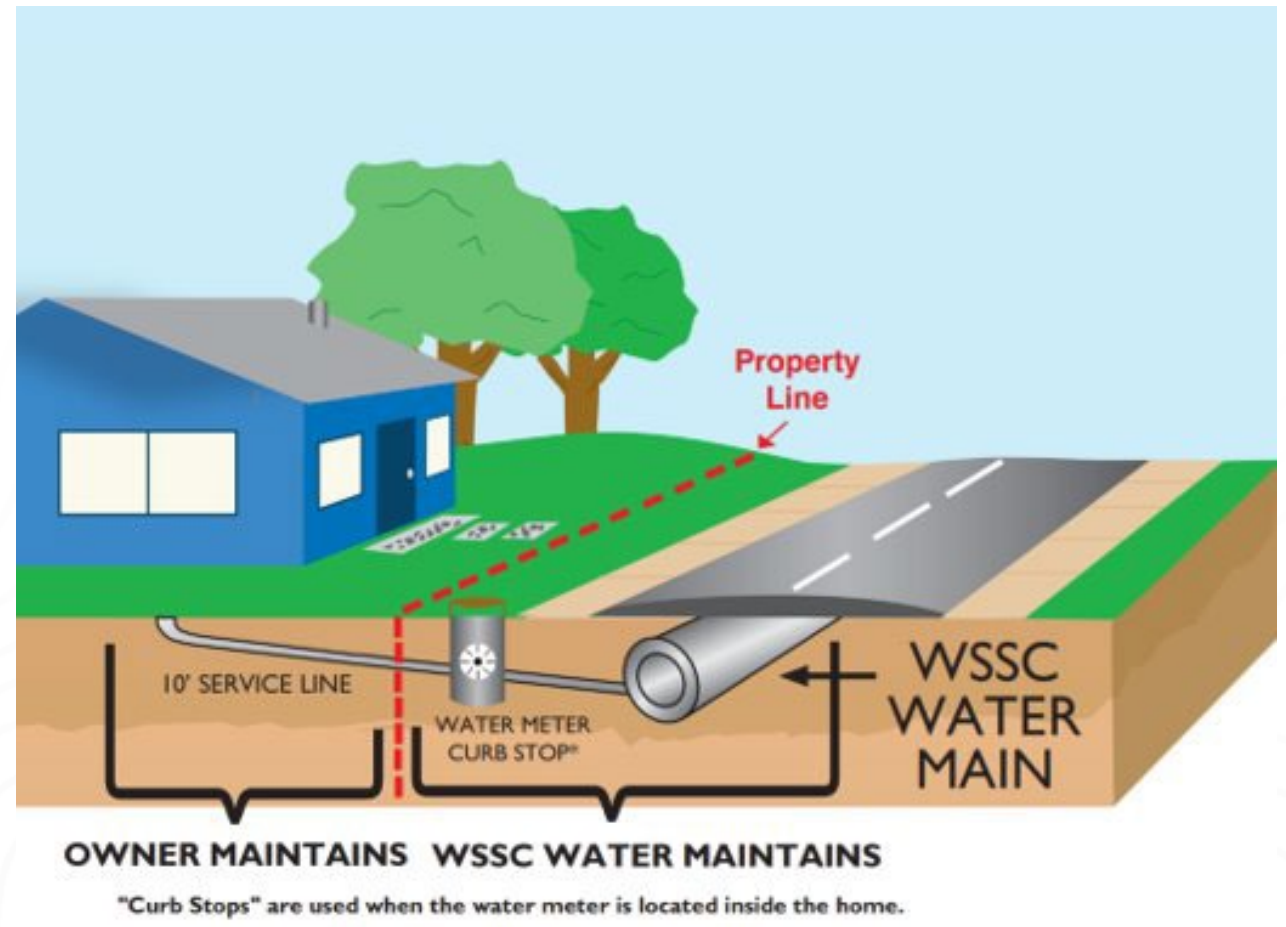
Provides a loan of up to \$5,000 to finance the replacement of a leaking residential water service line. PipeER is administered by the WSSC Federal Credit Union.

Project Overview

- WSSC Water is strategically replacing and rehabilitating our aging water and sewer pipes throughout our service area, a part of our effort to enhance service and reliability to our customers.
- The project includes replacing approximately **2.1 Miles** of 4”, 6” and 8” water mains, and water house connections up to the property line.
- The current water pipes were installed in the 1960’s and 70’s and are nearing the end of their life cycle.
- The new water mains will be zinc-coated, ductile iron pipe wrapped in a protective coating, giving the pipes a life expectancy of at least 100 years.
- Replacing the existing pipes will help reduce disruptions to the community, the environment and emergency services due to water main breaks.

Project Overview

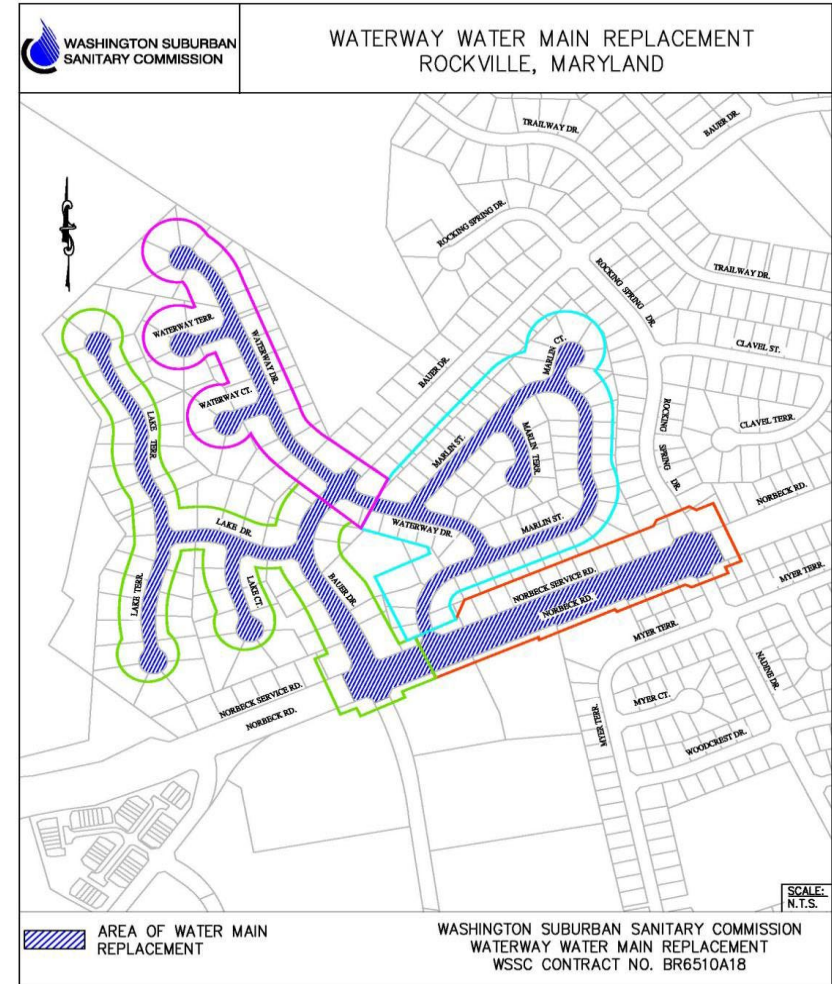
- New watermain will be installed within the roadway
- New house connections (service lines) will be installed up to property line or water meter/curb stop
- Replacing existing pipes helps reduce disruptions to community, environment and emergency services due to water main breaks



Project Map

Directly Impacted Streets

Marlin Street,
Marlin Terrace,
Waterway Drive,
Bauer Drive,
Lake Drive,
Lake Court,
Lake Terrace,
Norbeck Service Road and
Rocking Spring Drive.



Fire Hydrant Installation

- WSSC Water is responsible for providing water for fire protection to Montgomery and Prince George's counties
- To safeguard public safety, we proactively replace and maintain our fire hydrants to monitor water pressure and flow rate, as well as inspect internal working parts to ensure the highest level of protection
- Per the Fire Safety Code, the maximum spacing between fire hydrants is 250-600 feet, depending on the building structure
- WSSC Water fire hydrants are made of cast iron materials and can last more than 50 years



WSSC Water fire hydrants have dark green top and gray body.

Tree Removal and Pruning

- Per the Department of Natural Resources Maryland Forest Service Public Agency Tree Maintenance Permit, construction methods that minimize tree impacts must be examined
- Before the final decision to remove a tree, WSSC Water considers the following:
 - Size, species and structural condition of the tree
 - Impact the tree will have on utility assets
 - Feasibility of relocating our infrastructure or using trenchless methods
- WSSC Water Urban Forester supervises all tree removal and pruning



Pipes and Trees do not mix!



Estimated Construction Schedule



Anticipated Construction Start: August 2024

Estimated Construction Completion: February 2026

Construction schedules are estimated and weather permitting

What to Expect During Construction

- Anticipated Work schedule: 9:00 a.m. to 3:30 p.m., Monday-Friday
 - Conditions at some locations may require different work hours
 - Residents will be notified at least two days prior to all construction activities
- Construction activities may include:
 - Marking locations of utilities
 - Field inspections
 - Rehabilitation of sewer mains, manholes and laterals
 - Pavement restoration where digging is necessary
 - Possible nighttime work will occur to not impact our critical customer (schools or restaurants)
- WSSC Water coordinates with local and state agencies, as well as other utilities for all planned work to avoid potential conflict and minimize disturbances to neighborhoods



What to Expect During Construction (cont.)

- Open-cut construction method, which involves cutting and excavating a section of the pavement
- This construction method does create noise and dust



Temporary Water Service Installation

- Above-ground (bypass) pipes may be installed to maintain water service to your home
 - Bypass pipes are not used in cold weather months
- These pipes will be placed along the roadway edge and provide the same quality of water to your home.



Traffic Impacts

- Certain construction activities may require temporary changes to traffic patterns
 - Traffic will be managed to minimize community disruptions
- Access will be maintained to homes during construction
 - Access into homes is **NOT** required
 - Access onto private property is generally **NOT** required
- Parking restrictions
 - WSSC Water will provide 48-hour advance notice (denoted by “No Parking” signs) before any parking restrictions
 - Any vehicles not removed from the designated area will be towed to a nearby street at no cost to owner
- Final restoration of sidewalks, roadways and landscaping will take place within 90 days of construction completion



Signage and Restoration

- Construction signs with contact persons placed throughout project area
- Projects completed during winter months are permanently paved and restored to their original state or better the following spring



Project Summary



- Existing distribution system water mains are near the end of their useful lives
- WSSC Water is replacing the distribution system water mains and water house connections up to the property line
- WSSC Water will minimize service disruptions during construction
- WSSC Water will coordinate work activities with property owners in the project area
- WSSC Water will restore all areas impacted by construction activities at the end of the project
- WSSC Water's goal is to provide a reliable water system to customers

Contact WSSC Water



- **Customer Service** | Monday-Friday, 8:00 a.m. to 6:00 p.m.

Phone: 301.206.4001 | 1.800.634.8400

Email: customerservice@wsscwater.com

- **24-Hour Emergency Call Center**

Water Emergency, Sewer Emergency or Discolored Water

Phone: 301.206.4002 | Email: emergencycallcenter@wsscwater.com

Report a Problem: wsscwater.com/customer-service/report-problem

Discolored Water: wsscwater.com/discoloredwater

- **File a Claim**

Phone: 301.206.7095

Online: wsscwater.com/claims

- **WSSC Water Financial Assistance Programs**

Online: <https://www.wsscwater.com/assistance>

- **Customer Notification System Sign-Up**

Online: www.wsscwater.com/cns, email and/or text alerts on work in your neighborhood



FINANCIAL ASSISTANCE
for Our Neighbors



Questions?

