



## Marlboro Zone 16" Water Main & Flow Control Valve Project

Project No. BLBM5273C11

April 20, 2023

# 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](mailto:Tesfai.Giorgis@wsscwater.com)
- Dan Hamilton, Construction Manager  
301-206-7316, [Dan.Hamilton@wsscwater.com](mailto:Dan.Hamilton@wsscwater.com)
- Thomas Johnson II, Project Outreach Manager  
301-206-8542, [Thomas.Johnson@wsscwater.com](mailto:Thomas.Johnson@wsscwater.com)
- John (Doug) Sievers, WSSC Urban Forester  
301-206-8074, [John.Sievers@wsscwater.com](mailto:John.Sievers@wsscwater.com)

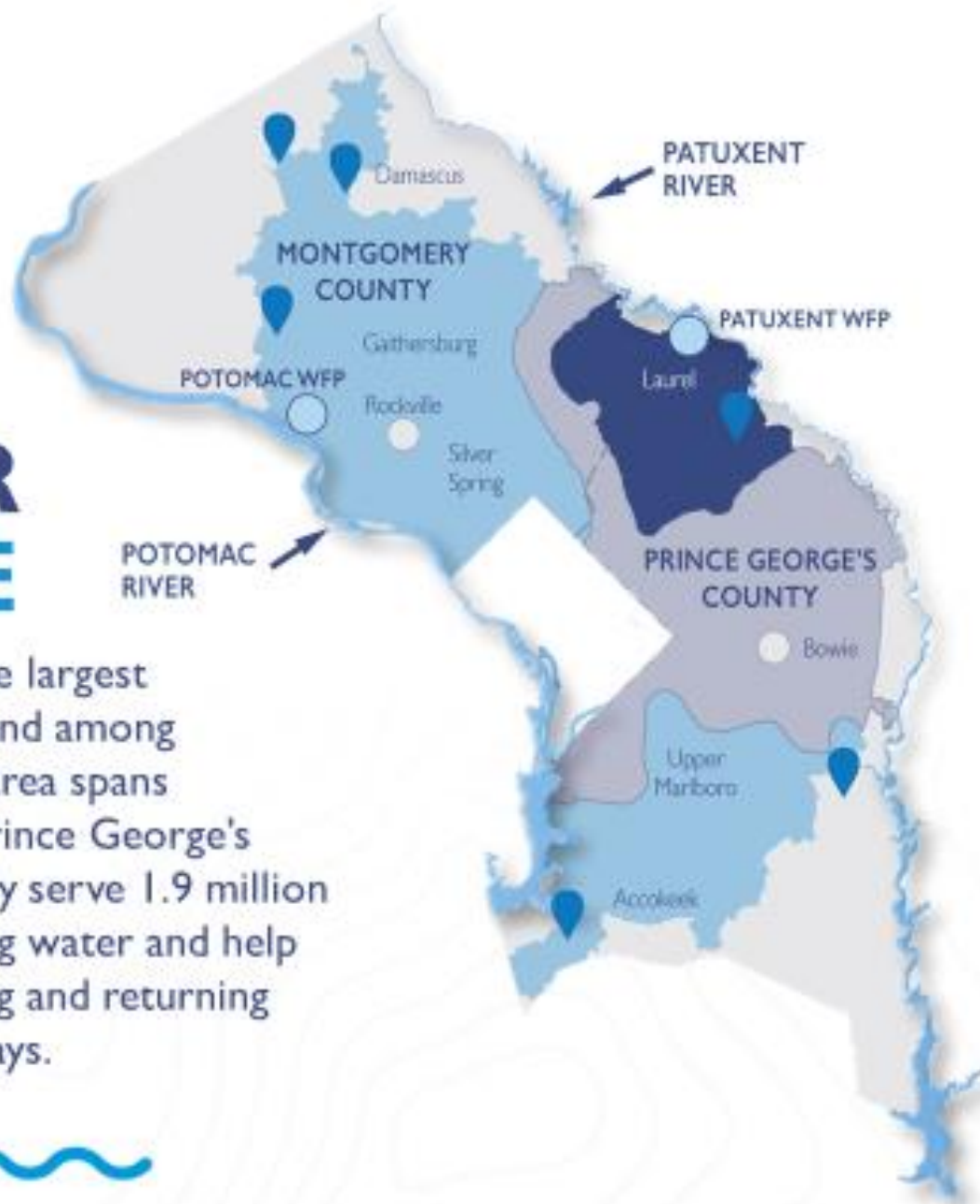


**105** years & counting  
No drinking water  
quality violations...ever!



## 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.



# WSSC WATER AT A GLANCE



**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

## TEAM H<sub>2</sub>O



**\$5.3 MILLION**

FINANCIAL ASSISTANCE TO 12,345 CUSTOMERS  
SINCE THE PANDEMIC BEGAN.  
(WSSC WATER, FEDERAL, AND STATE PROGRAMS)

**17,343**

RESIDENTS ENROLLED IN OUR CUSTOMER  
ASSISTANCE PROGRAM IN FY 2022.  
(\$1.8 MILLION BENEFIT TO ENROLLEES)

**\$1.6 BILLION**

**FY2024**  
PROPOSED BUDGET



# Project Overview

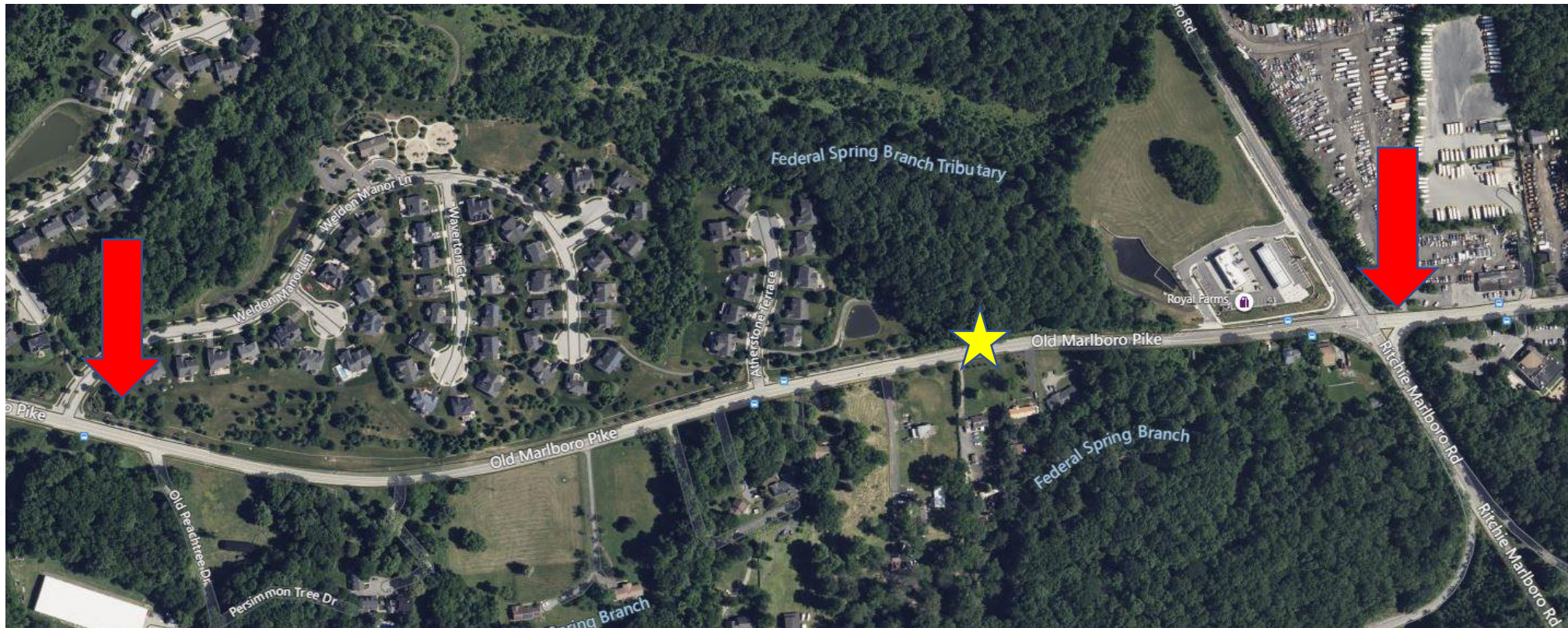
- New 16" main will be installed within the roadway (Old Marlboro Pike)
- New 6"/12" flow control valves and vault will be installed below the ground adjacent to the roadway
- This project is intended to reinforce the Upper Marlboro area's water system by providing redundant (back-up) service to WSSC Water customers





# Project Map

## Directly Impacted Streets: Old Marlboro Pike (Weldon Manor Lane to Ritchie-Marlboro Road)



# 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

- Design and Permitting Complete: Fall 2022
- Bid Start: Spring 2023
- Anticipated Construction Start: Fall 2023
- Estimated Construction Complete: Summer 2024

*Construction schedules are estimated and may be subject to change based on weather, permitting and material availability due to supply chain issues*



# 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
- 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





# 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



# 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.





# 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

- This project is intended to reinforce the Marlboro area's water system by providing redundant (back-up) service to WSSC Water customers
- 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, 7:30 a.m. to 7:00 p.m.

Phone: 301.206.4001 | 1.800.634.8400

Email: [customerservice@wsscwater.com](mailto:customerservice@wsscwater.com)



- **24-Hour Emergency Call Center**

**Water Emergency, Sewer Emergency or Discolored Water**

Phone: 301.206.4002 | Email: [emergencycallcenter@wsscwater.com](mailto:emergencycallcenter@wsscwater.com)

Report a Problem: [wsscwater.com/customer-service/report-problem](http://wsscwater.com/customer-service/report-problem)

Discolored Water: [wsscwater.com/discoloredwater](http://wsscwater.com/discoloredwater)



- **File a Claim**

Phone: 301.206.7095

Online: [wsscwater.com/claims](http://wsscwater.com/claims)



- **WSSC Water Financial Assistance Programs**

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



- **Customer Notification System Sign-Up**

Online: [www.wsscwater.com/cns](http://www.wsscwater.com/cns), email and/or text alerts on work in your neighborhood







**Questions?**

