



# Sanitary Sewer System Rehabilitation in Environmentally Sensitive Area (ESA) For Seneca Creek Basin

Project No. CKCICN7352B22

July 20, 2023

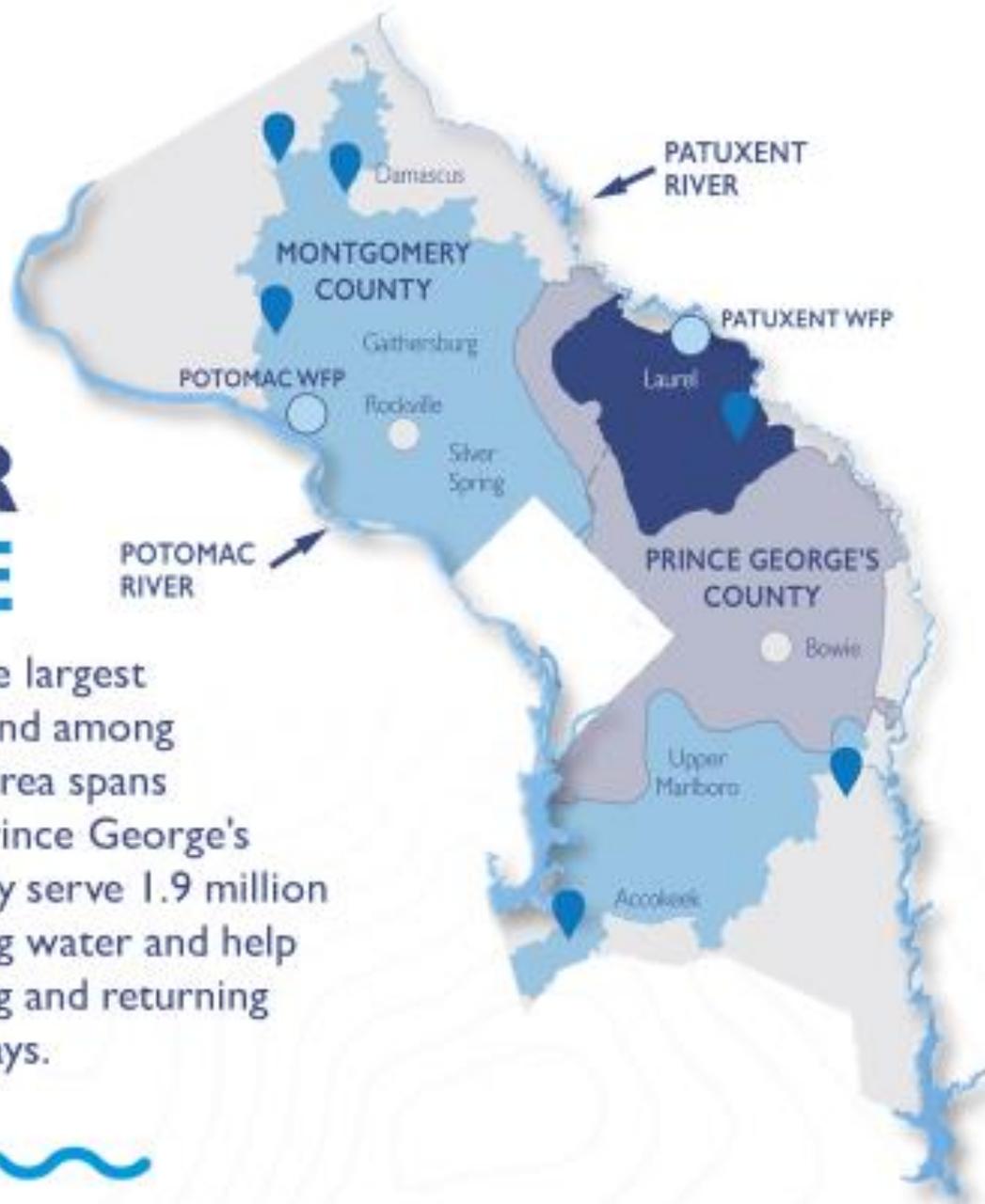
# Agenda

- Introduction to Project Team
- Sewer Rehabilitation Program Overview
- Project Overview
- Project Map
- Sewer Rehabilitation Methods
- Estimated Construction Schedule
- What to Expect During Construction
- Questions & Answers

# Project Team

- Walid Halboni, Design Project Manager  
301-206-8732, [Walid.Halboni@wsscwater.com](mailto:Walid.Halboni@wsscwater.com)
- James Reed, Technical Contracts Supervisor (Construction)  
301-206-7363, [Francell.Reed@wsscwater.com](mailto:Francell.Reed@wsscwater.com)
- Brandon Stewart, Customer Advocate  
301-642-1712, [Brandon.Stewart@wsscwater.com](mailto:Brandon.Stewart@wsscwater.com)
- Thomas F. Johnson II, Project Outreach Manager  
301-206-8542, [Thomas.Johnson@wsscwater.com](mailto:Thomas.Johnson@wsscwater.com)
- Wallace Montgomery, Engineering Design Consultants
- Construction Contractor TBD

**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 12,343 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)

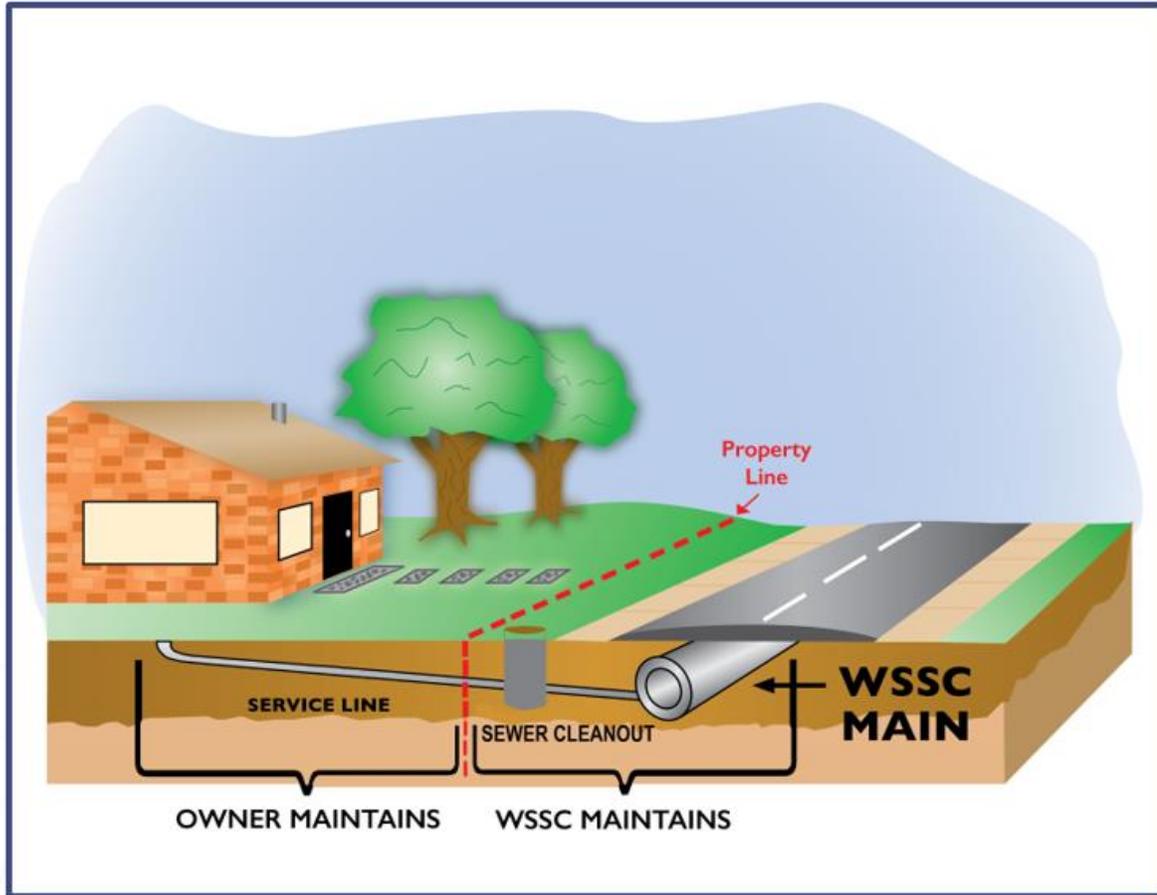
**\$1.6 BILLION** FY2024  
PROPOSED BUDGET

# Project Overview

- WSSC Water is strategically replacing and rehabilitating aging infrastructure throughout service area
- Project includes replacing approximately **1,708 feet (0.32 miles)** of large diameter sewer mains
- Approximately **18** manholes will be rehabilitated or replaced
- Sewer pipes and manholes rehabilitated using primary trenchless methods, however those in very poor condition will require excavation to repair and replace.
- Completed project will extend life of sewer pipes by at least 50 years.



# Project Overview cont.



- New sewer mains installed and rehabilitated within roadways.
- Replacing existing pipes provides for correcting structural deficiencies in sewer mains that may result from soil settlement, root penetration or corrosion, and often contribute to sewer overflows and backups into homes

# Project Map

Contract No. CKCICN7352B22

## Directly Impacted Streets

- Germantown Road (MD-118)
- Dawson Farm Road
- Liberty Mill Road

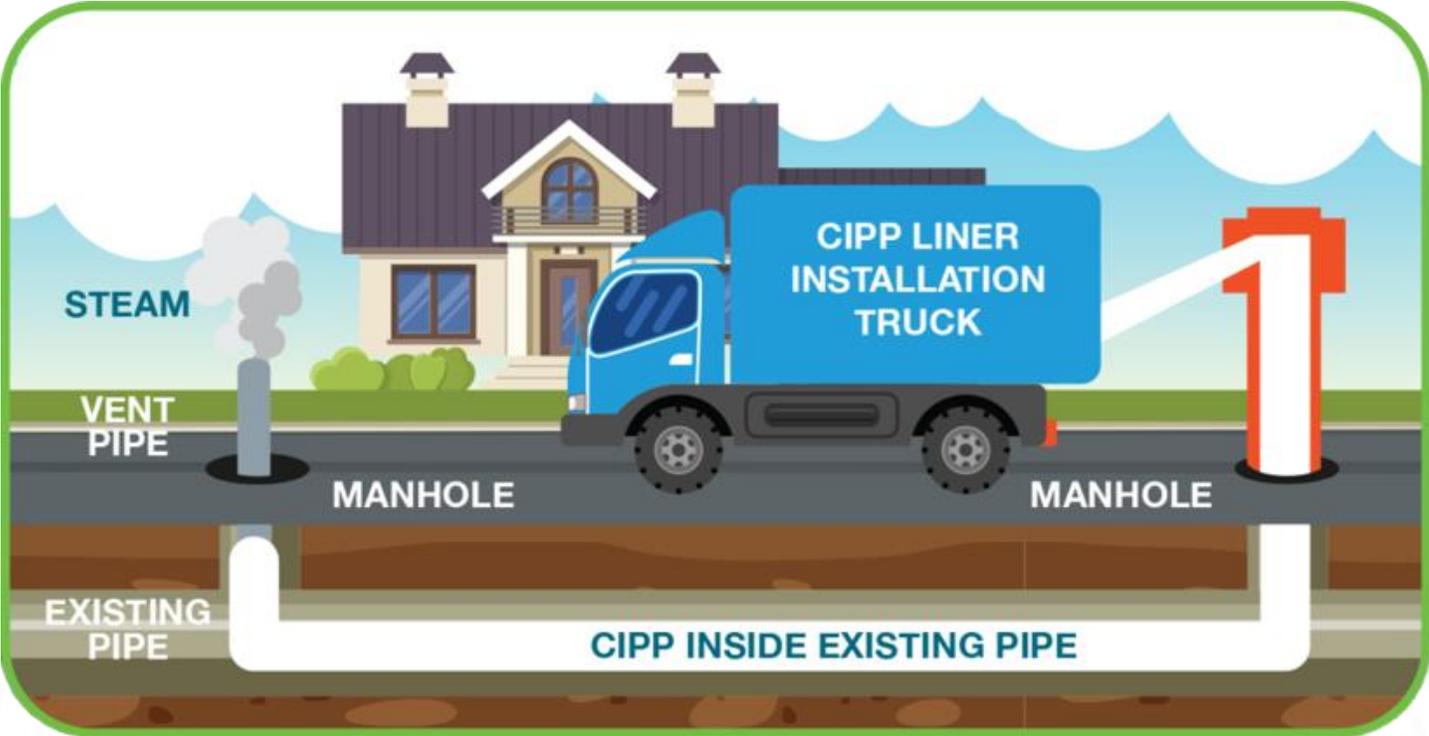


Legend	
	Ex. Sewer
	Subject Sewer

# Sewer Rehabilitation Method: Open Trench



# Sewer Rehabilitation Method: Pipe Lining



# Manhole Rehabilitation



# Tree Removal and Pruning

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

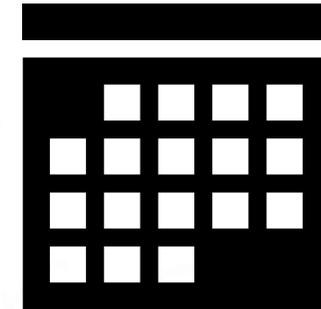


Pipes and Trees  
Do not Mix!



# Estimated Construction Schedule

- Expected Construction Start Date: Fall 2023
- Estimated Construction Duration: 7 months
- Expected Construction Finish Date: Summer 2024  
(*Weather Permitting*)



*Construction schedules are estimated and weather permitting*

# Operational Changes in response to COVID-19

- WSSC Water has implemented protocols that align with recommendations from local, state and federal public health authorities
- Working to minimize impact
  - Facial masks (when indoors) and physical distancing
- All WSSC Water employees and contractors required to refrain from coming to work if displaying symptoms of COVID-19
  - We have implemented robust internal contact tracing and quarantine requirements
- Earlier notification to customers



# 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 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.

- Reliable sewer service will be maintained during construction
- Street parking will be limited on streets with active construction.
  - 48-hours advanced notification will be provided.
  - NO PARKING signs will be posted.
  - All roads will remain accessible at all times during construction. However, certain activities may require temporary closures and delays.
- Access from the public roadway to businesses and homes will be maintained at all times.
- Entry into homes is NOT required.

# Traffic Impacts

- Certain construction activities may require temporary changes to traffic patterns
  - Traffic will be managed to minimize community disruptions
- Access to homes maintained 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) prior to any parking restrictions
  - Any vehicles not been 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



# 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](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?**

