



Water Main Replacement Projects Outreach Event

Pipeline Design Division/Pipeline Construction Division

July 9, 2025

Agenda

1. Team Introductions
2. Project Objectives
3. Project Overview
4. Keys to Success
5. Project Compliance
6. Questions

Meeting Housekeeping Items

- Microphones and cameras are disabled.
- Please submit your questions via chat.
- While we encourage you to submit questions, WSSC Water reserves the right to not provide an answer.
- Information provided in this meeting is not legally binding.
- Today's presentation and sign-in sheet will be posted at <https://www.wsscwater.com/work-us/procurement/early-engagement-vendor-sessions>.
- To receive up-to-date contracting information, visit the Procurement Office's website at <https://www.wsscwater.com/secondary-landing-page/procurement>.



Team Introductions

Team Introductions

Pipeline Construction Division (PCD)

Nadir Al-Salam, Division Manager

Kevin Lethbridge, Construction
Management Section Manager

Collins Njoku, Construction
Management Section Manager

Henry Peterson, Technical Contracts
Supervisor

Pipeline Design Division (PDD)

Rufus Leeth, Acting Division
Manager

Yuezhang Wang, Section
Manager

Ahwi Quacoe, Project Manager

Garth Weston, Project Manager

Hardeep Kumar, Project
Manager

James Campbell, Project Manager



Project Objectives

Project Objectives

- The water mains have a history of several breaks and leaks resulting in service disruptions to the community.
- The projects include replacement and rehabilitation of aging water and sewer infrastructure that are nearing the end of their life cycle.
- The projects also contribute to our commitment to strategically replace and rehabilitate the aging water and sewer infrastructure throughout our service area.
- WSSC Water's goal is to maintain safe and reliable water services to our customers.



Project Overview

Project Overview

Project Name	Project Number	Project Manager
Devilwood Drive Water Main Replacement	BR6562A18	Ahwi Quacoe
Roosevelt Street Water and Sewer Main Replacement	BRCRLR6710A19	Ahwi Quacoe
Red Coat Lane Water Main Replacement	BRCRLR6652A19	Garth Weston
Wildwood Hills Water and Sewer Main Replacement	BRCRLR6716A19	Hardeep Kumar
Collingwood Ter Water Main Replacement	BR6610A18	James Campbell

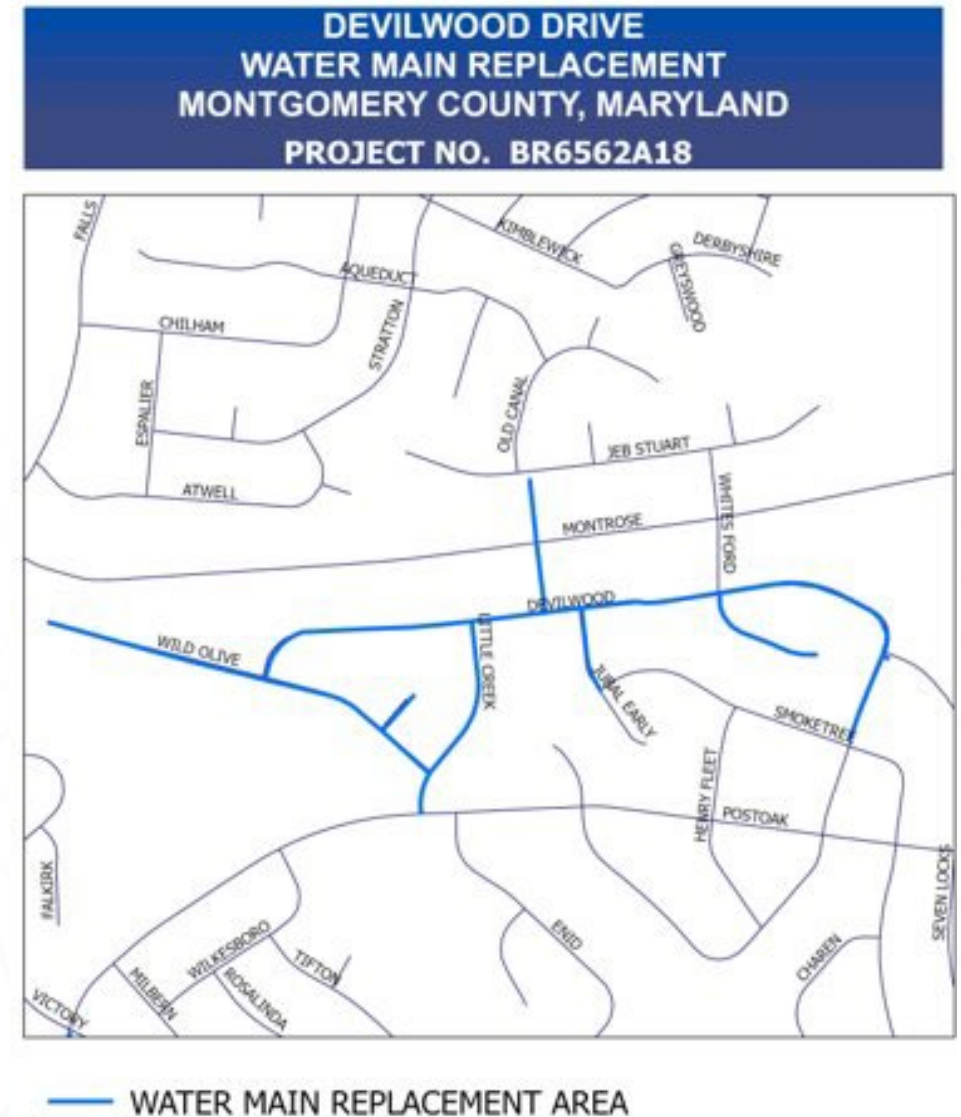
Project Overview

Devilwood Drive Water and Sewer Main Replacement

Contract No. BR6562A18

Location: Rockville - Montgomery County

- Replacement of approximately 572 feet of 4-inch DIP water main, replacement of approximately 3,500 feet of 8-inch DIP water main, replacement of approximately 2,277 feet of 10-inch DIP water main, replacement of approximately 21 feet of 12-inch DIP water main,
- Installation of 157 feet of 4-inch, 335 feet of 8-inch and 871 feet of 10-inch Ductile Iron Pipe (DIP) Water Mains.
- CIPP lining of approximately 552 feet of 10-inch DIP water main
- 5,165 feet of Water House Connections.



Project Overview

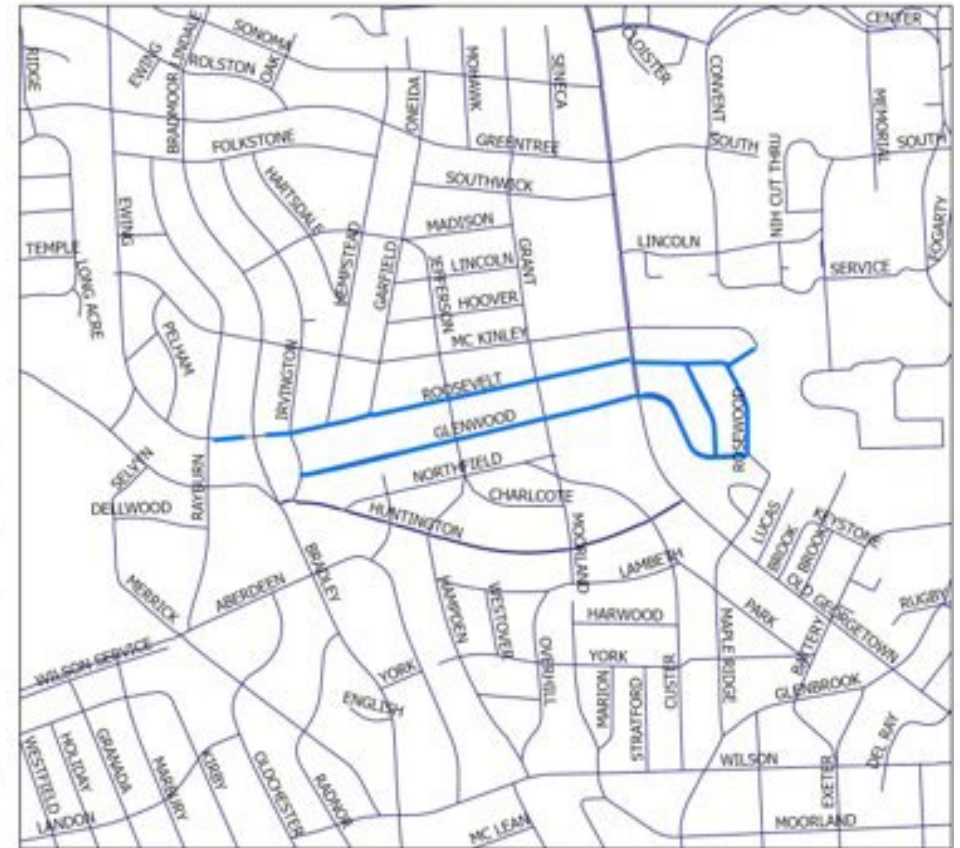
Roosevelt Street WMR **Water and Sewer Main Replacement**

Contract No. BRCRLR6710A19

Location: Bethesda - Montgomery County

- Replacement of approximately 8,751 feet of 8-inch DIP water main, replacement of approximately 48 feet of 12-inch DIP water main.
- Relocation of 1,041 feet of 8-inch Ductile Iron Pipe (DIP) Water Mains.
- Replacement of approximately 538 feet of 8 - inch sewer main, replacement of approximately 187 feet of 10-inch sewer main.
- 4,462 feet of Water House Connections and 1281 feet of Sewer House Connections.

**ROOSEVELT STREET
WATER AND SEWER MAIN REPLACEMENT
MONTGOMERY COUNTY, MARYLAND
PROJECT NO. BRCRLR6710A19**



— WATER MAIN REPLACEMENT AREA

Project Overview

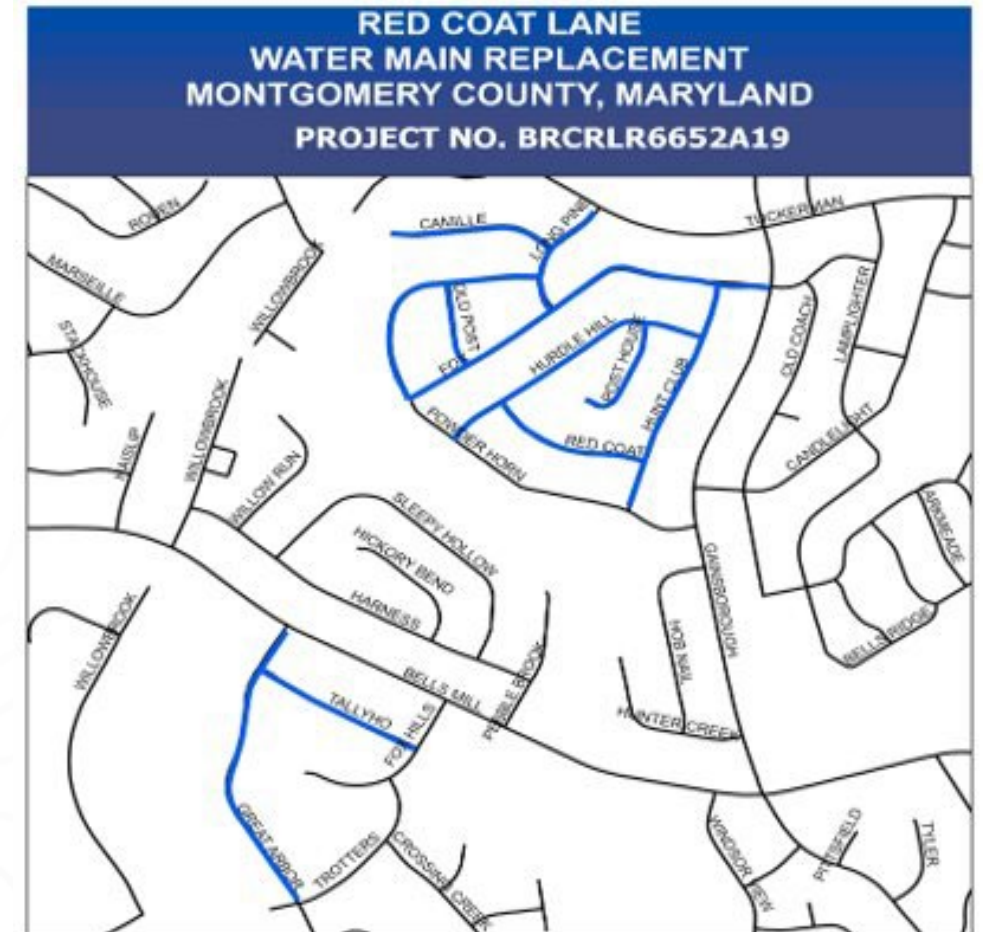
Red Coat Lane

Water Main Replacement

Contract No. BRCRLR6652A19

Location: Potomac - Montgomery County

- Replacement/relocation of approximately 14,200 feet of 8-inch water main with new Ductile Iron Pipe
- Replacement/relocation of approximately 330 feet of 4-inch water main with new Ductile Iron Pipe
- Replacement of approximately 1162 feet of 8-inch sewer main with Ductile Iron Pipe and Polyvinyl Chloride Pipe
- Pipe bursting of approximately 282 feet of existing 8-inch sewer main
- Pipelining of approximately 91 feet of existing 6-inch sewer main
- Installation of 18 fire hydrants
- Installation of 243 water house connections (6,895 feet) and 39 sewer house connections (1000 feet)



— WATER MAIN REPLACEMENT AREA

Project Overview

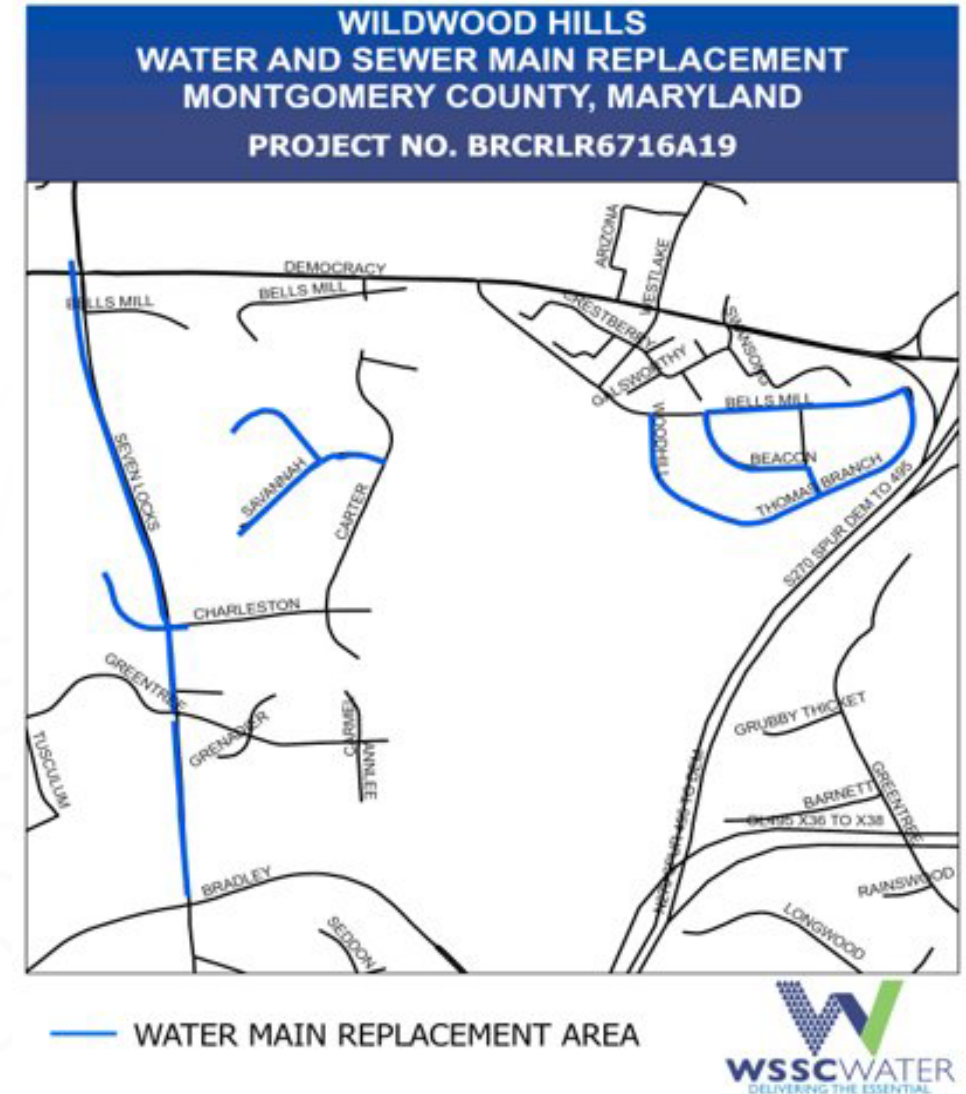
Wildwood Hills

Water and Sewer Main Replacement

Contract No. BRCRLR6716A19

Location: Wildwood Hills- Montgomery County

- Replacement of 666 feet of 4" , 1,521feet of 8", and 2,422 feet of 10" of Ductile Iron Pipe (DIP) Water Mains and 1,349 feet of 8" Sewer Main with various methods.
- Relocation of 467 feet of 4" , 4,980 feet of 8" and 395 feet of 10" Ductile Iron Pipe (DIP) Water Mains.
- Installation 18 feet of 3", 6 feet of 4", 68 feet of 8" and 1738 feet of 10" of new Ductile Iron Pipe (DIP) Water Mains and Pressure Reducing Valve Vault.
- 2,910 feet of Water House Connections and 194 feet of Sewer House Connections.



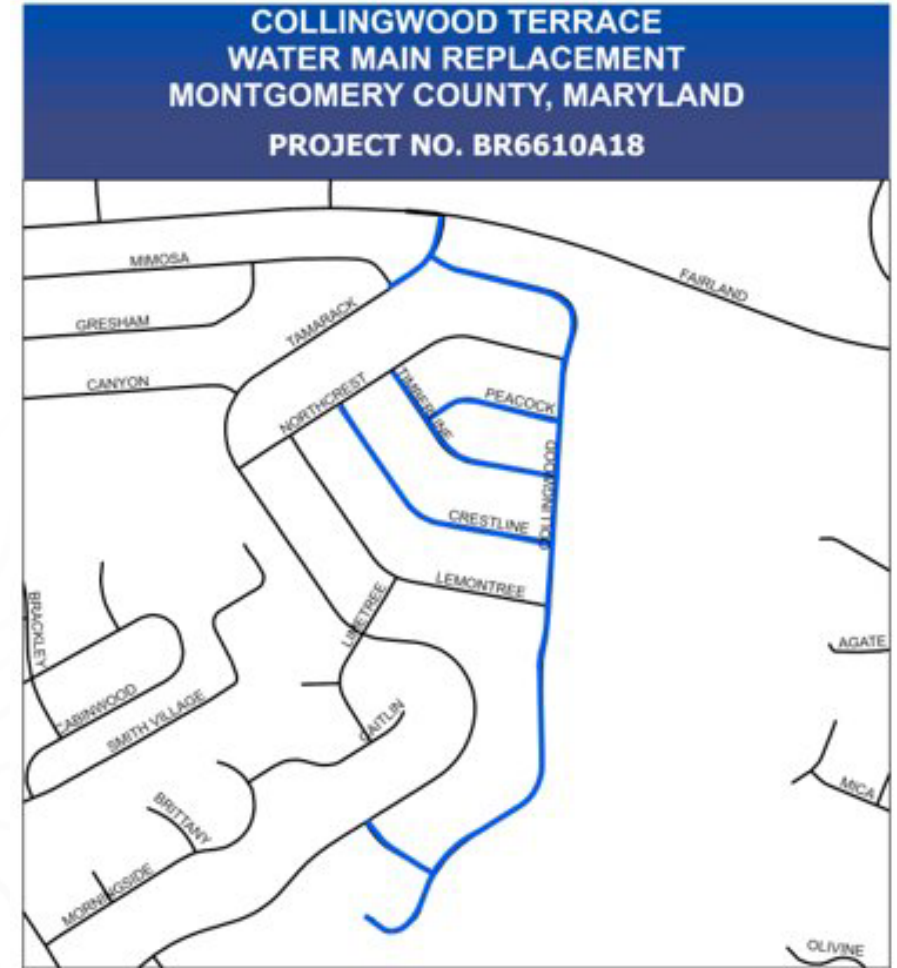
Project Overview

Collingwood Terrace Water Main Replacement

Contract No. BR6610A18

Location: Silver Spring, Montgomery
County

- Replacement of 243 feet of 4" , 6,717 feet of 8", 423 feet of 10", and 43 feet of Ductile Iron Pipe Water Main.
- 5,003 feet of water house connections



— WATER MAIN REPLACEMENT AREA



Keys to Success

Keys to Success

Contractor Qualifications

- OSHA Recordable Incident Rate (IR) 3.5 or less for the last three (3) years
- Traffic Control Personnel certified by American Traffic Safety Services Association (ATSSA)
- Personnel with State of Maryland Erosion and Sediment Control Training and Certification
- Personnel with Tapping Certification and minimum of three (3) years experience
- Three (3) years of experience in chlorination and de-chlorination of pressurized water pipes using pressurized liquid chlorine as described in either AWWA B301 or AWWA C651

Keys to Success

Contractor Qualifications for 14" and smaller Distribution Water Main Contracts:

- Minimum pipeline construction experience of five (5) miles of water main 3" to 16" diameter using ductile iron (DIP) over the last five (5) years (may include some C900 PVC pipe)

Contractor Qualifications for 16" and greater Transmission Water Main Contracts:

- Minimum pipeline construction experience installing 10 miles of water mains over the last five (5) years, three (3) miles of which were of water mains greater than 16" diameter
- Personnel with a minimum of three (3) years experience in the installation of large diameter water mains.



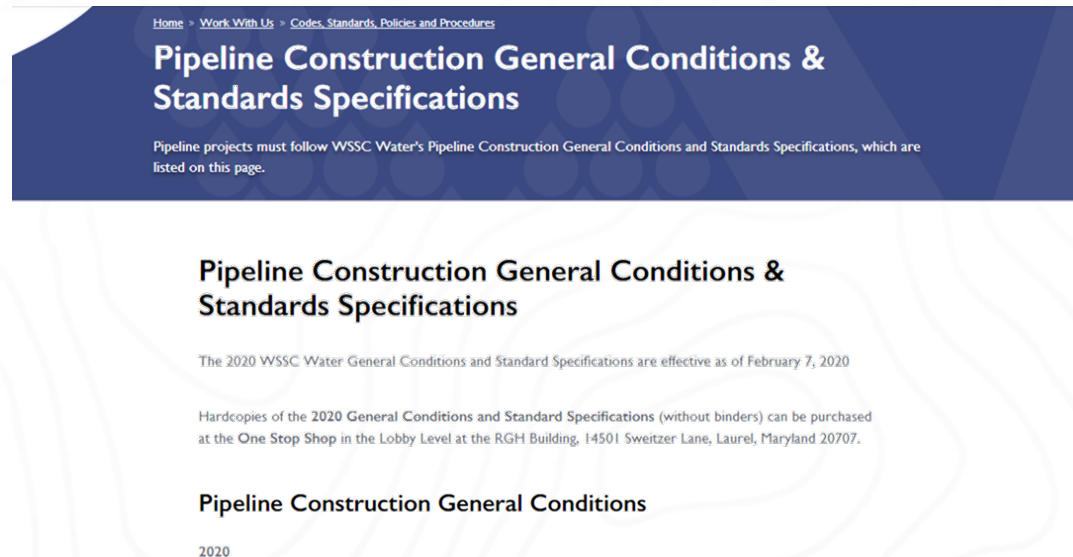
Project Compliance

Project Compliance

Contractors need to comply with all contract documents while working on WSSC Water projects.

WSSC Water Pipeline Construction Conditions & Standards

<https://www.wsscwater.com/work-with-us/codes-standards-policies-and-procedures/pipeline-construction-general-conditions-standards>



Home > Work With Us > Codes, Standards, Policies and Procedures

Pipeline Construction General Conditions & Standards Specifications

Pipeline projects must follow WSSC Water's Pipeline Construction General Conditions and Standards Specifications, which are listed on this page.

Pipeline Construction General Conditions & Standards Specifications

The 2020 WSSC Water General Conditions and Standard Specifications are effective as of February 7, 2020

Hardcopies of the 2020 General Conditions and Standard Specifications (without binders) can be purchased at the One Stop Shop in the Lobby Level at the RGH Building, 14501 Sweitzer Lane, Laurel, Maryland 20707.

Pipeline Construction General Conditions

2020

Project Compliance

Non-compliance can result in customer complaints, vehicle claims, and damage to WSSC Water's reputation.

[Construction Tearing Up Residents' Cars Along Old Branch Avenue | wusa9.com](https://www.wusa9.com)



Project Compliance

Non-compliance can also impact WSSC Water from carrying out its mission to deliver safe, reliable and sustainable water and wastewater.

[WSSC Water Issues Water Restrictions for Camp Springs | NBC4 Washington](#)



Project Compliance

Specifications associated with Contractor non-compliance on WSSC Water projects.

- 01770: Project Clean Up
- 02315: Earthwork for Pipeline Construction
- 02510: Water Distribution System
- 02950: Pavement Requirements

Project Compliance

Spec 01770: Project Clean Up Daily Clean-Up of Work Site

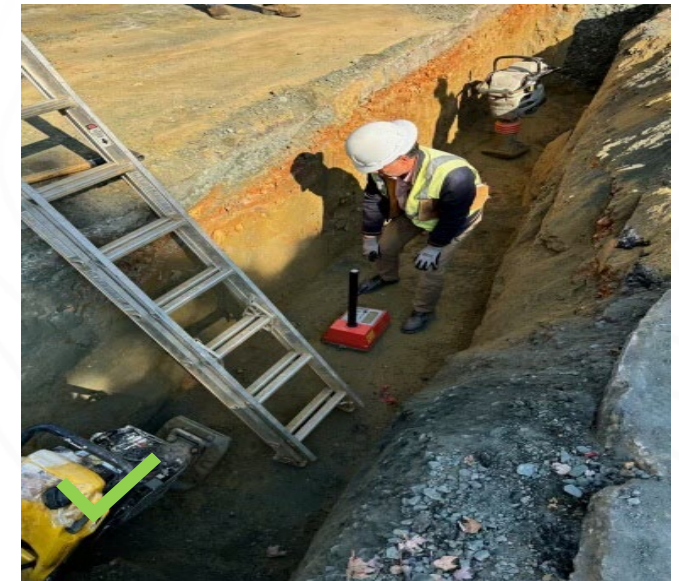
- Proceed with construction clean-up as construction progresses
- Remove mud, oil, grease, soil, gravel, trash, scrap, debris, and excess materials that are unsightly or may cause accidents to persons or properties.
- Restore disturbed areas including, but not limited to staging and stockpiling areas, construction strips, access roads, stream crossings, and areas within acquired right of way
- Leave premises orderly and broom-clean



Project Compliance

Spec 02315: Earthwork for Pipeline Construction Compaction Testing and Reporting

- Testing shall be performed on each lift in the pipe embedment zone and the final backfill zone.
- Certified compaction test reports must be submitted to the WSSC Water Contract Manager within five (5) business days of the work being performed.



Project Compliance

Spec 02510: Water Distribution System Operating Valves and System Shutoffs

- After the bacteriological analysis is completed and approved by the Engineer, provide written request to shut down main three (3) working days prior to intent.
- Intent to shut down mains between 4 p.m. and 7:30 a.m., and on Saturdays, Sundays and holidays requires five (5) working days written request.
- Mains smaller than 16 inches: Operate valves under direct supervision of certified WSSC Water employee.
- Mains 16 inches and larger: Commission will operate valves for shutdown.

Water Main Work Order Request

EMAIL TO: #WO-ShutdownRequest		
E Mail From:	Phone No.:	Printer Remote No.:
Requestor:	Office Phone No.:	Cell No.:
Depot: <input type="checkbox"/> Anacostia <input type="checkbox"/> Gaithersburg <input type="checkbox"/> Lytonsville <input type="checkbox"/> RGH <input type="checkbox"/> Temple Hills		
Date of Request:	Contract No.:	
Contractor:	Location (nearest town):	

<input type="checkbox"/> SHUT DOWN	Date:	W.O. #:
From: 0:00 To: 0:00 To be done by <input type="checkbox"/> WSSC <input type="checkbox"/> Contractor		
Subdivision:		Hundred Block & Street Name:
Hundred Blk & St:		Hundred Blk & St:
County:	Page(s):	Grid(s):
200'SHT #	V#	V#
200'SHT #	V#	V#
200'SHT #	V#	V#
200'SHT #	V#	V#
Reason for Shut Down:		
<input type="checkbox"/> Other: .		
This Shut Down:		Number of Customers Impacted:

LOCATE AND/OR OPERATE VALVES NOT SHOWING		W.O. #:
Subdivision:		
County:	Page(s):	Grid(s):
Street/Intersection:		
200'SHT #:	V#:	V#:
Street/Intersection:		
200'SHT #:	V#:	V#:
Street/Intersection:		
200'SHT #:	V#:	V#:

SIMULATED SHUT DOWN	Sim. S/D sent	, on
County:	Page(s):	Grid(s):
Street/Intersection:		
200'SHT #:	V#:	V#:
Street/Intersection:		
200'SHT #:	V#:	V#:

Project Compliance

Spec 02950: Pavement Requirements Temporary/Permanent Patches

- Provide temporary or permanent pavement immediately upon backfill completion.
- If temporary pavement becomes defective and creates an emergency, commence repair to rectify situation within 1 hour after notification.
- Resulting patch must be a smooth and level surface flush with existing pavement.



Communication

Communication with the public and elected officials is imperative to keep all updated on project progress and any problems. If a customer has an inquiry about the project you are working on or any other concerns, please refer the customer to the WSSC Water inspector on site. If the inspector is not available, write down the customer's question(s) along with contact information and forward the inquiry to the WSSC Water Contract Manager via email.

WSSC Water Contact Information

- Joy Hamilton, Project Outreach Manager: Joy.hamilton@wsscwater.com, 240-814-8511
- Thomas Johnson, Government Affairs Manager: Thomas.Johnson@wsscwater.com, 240-646-4335

WSSC Water Customer Advocates

- Philip Callahan, Northern Montgomery County: Philip.Callahan@wsscwater.com, 240-204-2123
- Brandon Stewart, Southern Montgomery County: Brandon.Stewart@wsscwater.com, 301-642-1712
- David Wilkins, Northern Prince George's County: David.Wilkins@wsscwater.com, 301-648-6953
- Walter Guzman, Southern Prince George's County: Walter.Guzman@wsscwater.com, 240-444-5803



Questions?

Submit your questions to [**procurement.support@wsscwater.com**](mailto:procurement.support@wsscwater.com)

For past event's presentations and sign in sheets, visit www.wsscwater.com/work-us/procurement/outreach-events

Upcoming Contract Outreach
Event Post-Event Survey



