



# Water Main Replacement Projects Upcoming Contract Outreach Event

Pipeline Construction Division/Pipeline Design Division

April 22, 2025

# Agenda

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

# Meeting Etiquette

- Microphones and cameras are disabled.
- Questions are to be submitted via chat.
- While we encourage you to submit questions, WSSC Water will not provide responses to submitted questions.
- Information provided in this meeting is not legally binding.
- To receive up-to-date contracting information, visit the Procurement Office's website at <https://www.wsscwater.com/secondary-landing-page/procurement>.



# Team Introductions

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## Pipeline Construction Division (PCD)

Nadir Al-Salam, Division  
Manager

Kevin Lethbridge, Section Manager

Collins Njuko, Section Manager

Henry Peterson, Technical Contracts  
Supervisor

## Pipeline Design Division (PDD)

Rufus Leeth, Acting Division  
Manager

Yuezhong Wang, Section  
Manager

Adrienne Capkovic, Project Manager

Bhusan Basnet, Project Manager

Ahwi Quacoe, Project Manager

Katerina Zambrana, Project Manager

Michael McGaughan, Project Manager



# Project Objectives

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- 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

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Project Name	Project Number	Project Manager
Tilden Lane 48" Large Valve Vault	BT7371A22	Adrienne Capkovic
Bradley Blvd 16" WMR	BTBR7232A21	Adrienne Capkovic
Clopper Road WMR Phase 2	BT7570A23	Bhusan Basnet
East-West Highway 16" WMR	BT6608A18	Ahwi Quacoe
Locris WMR	BR6479A18	Michael McGaughan
Rock Creek Valley WMR	BRCRLR6614A18	Katerina Zambrana

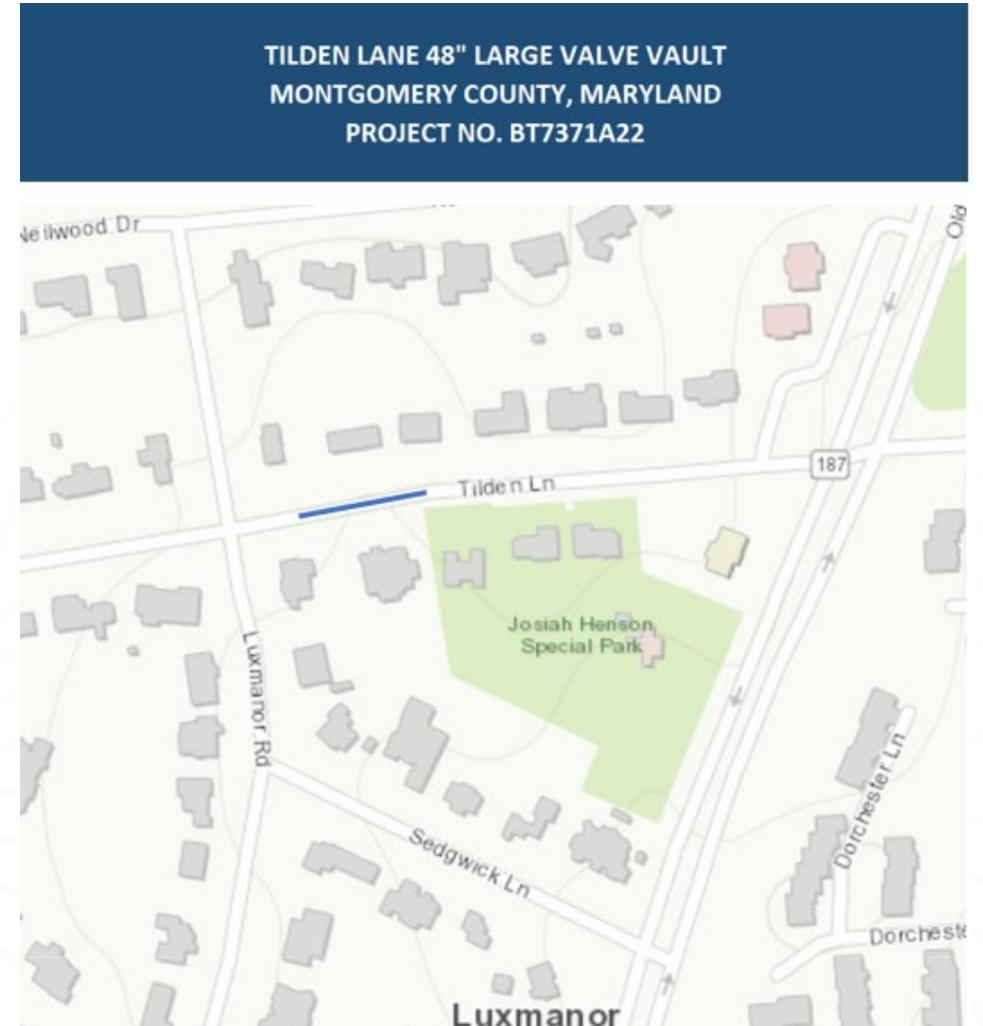
# Project Overview

## Tilden Lane 48" Large Valve Vault

Contract No. BT7371A22

Location: Rockville, Montgomery County

- Replace/Relocate a 48" valve and valve vault
- Replacement of approximately 190 feet 48" Ductile Iron Pipe



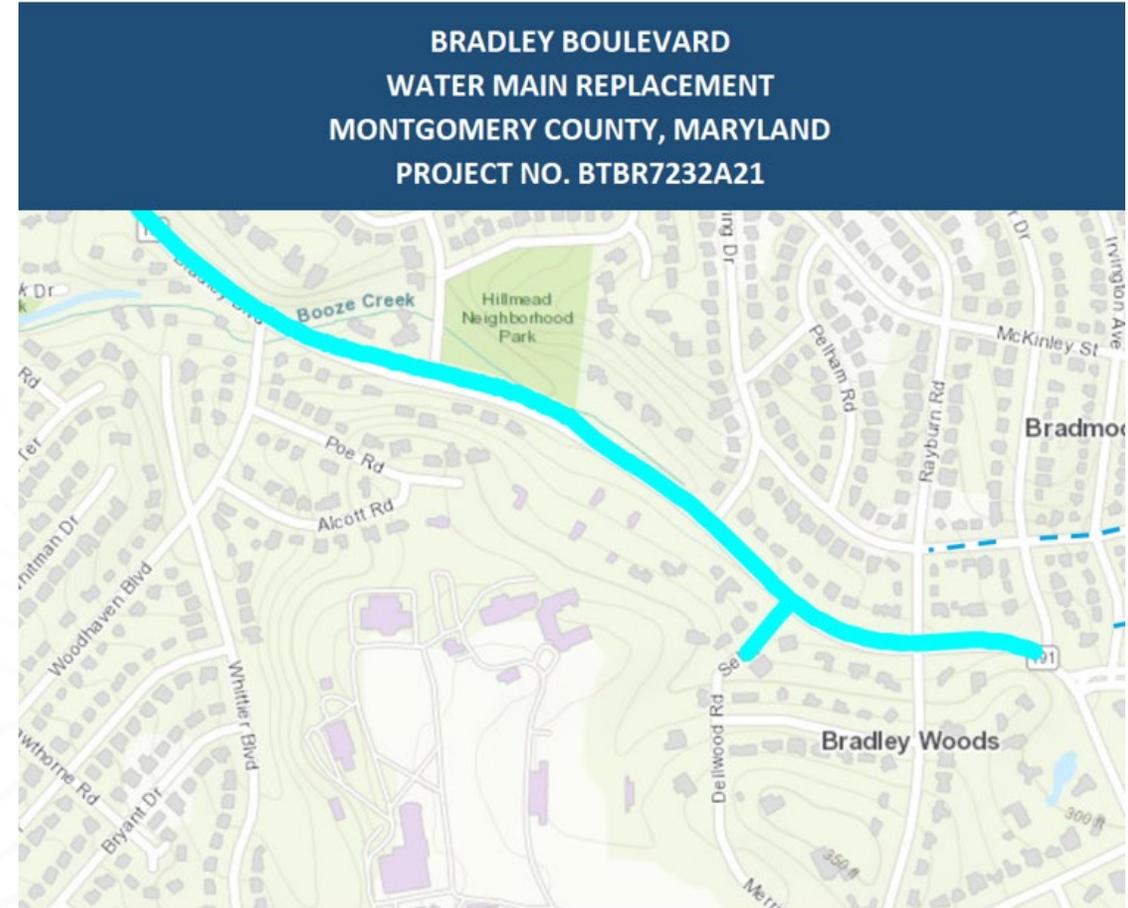
# Project Overview

## Bradley Boulevard Water Main Replacement

Contract No. BTBR7232A21

Location: Bethesda, Montgomery County

- Replacement/relocation of approximately 0.79 miles of 8", 10" and 16" Ductile Iron Pipe
- Replacement of approximately 2,256 feet of water house connections for 44 properties



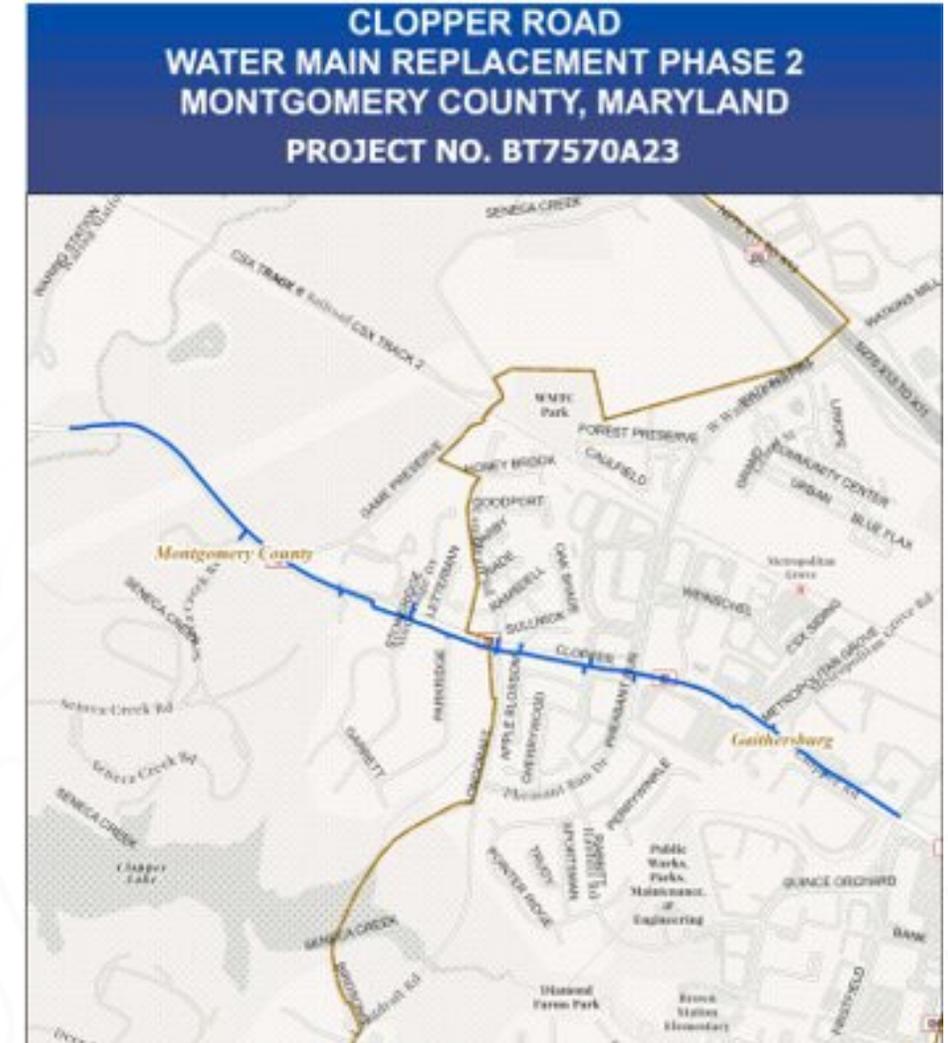
# Project Overview

## Clopper Road Water Main Replacement Phase 2

Contract No. BT7570A23

Location: Gaithersburg, Montgomery County

- Replacement/ relocation of approximately 1.7 miles of 24" Prestressed Concrete Cylindrical Pipe with new Ductile Iron Pipe
- Replacement/ relocation of approximately 0.2 mile of 8", 10" and 12" Ductile Iron Pipe
- Installation of 16 Fire Hydrants
- Replacement of service lines for 16 properties



# Project Overview

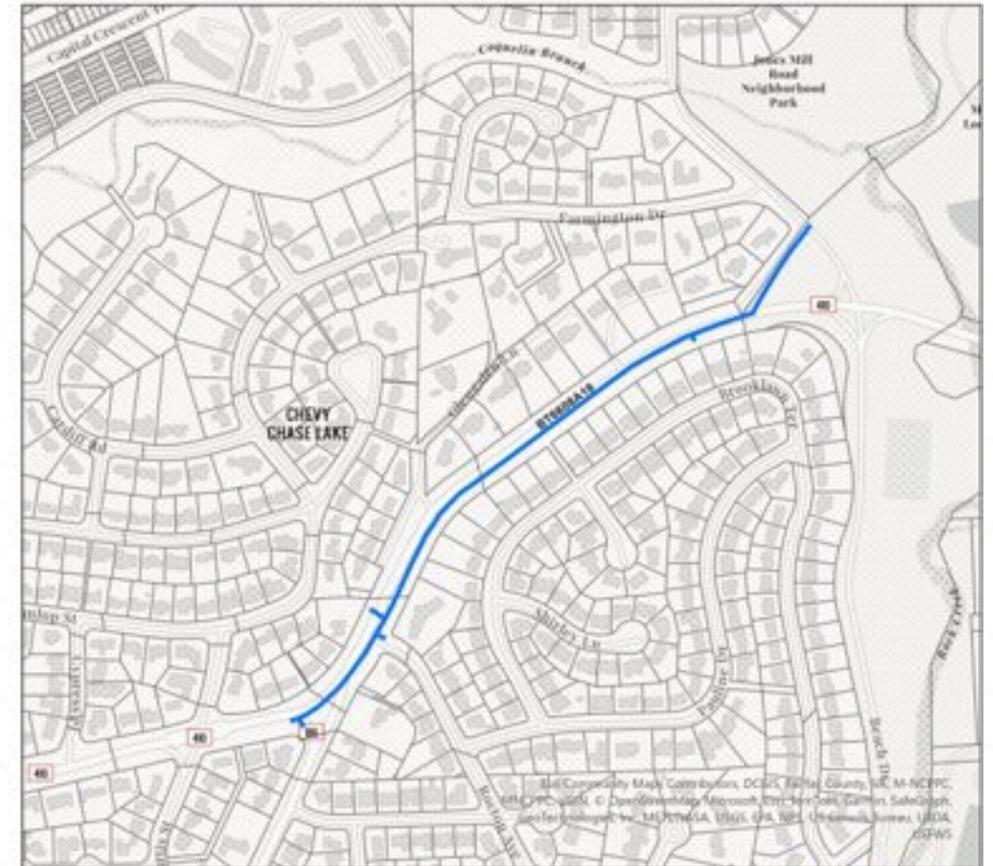
## East-West Highway 16" WMR Water Main Replacement

Contract No. BT6608A18

Location: Chevy Chase, Montgomery  
County

- Replacement/relocation of approximately 0.5 miles of 8", 10", 12" and 16" Ductile Iron Pipe
- Replacement of approximately 856 feet of water house connections for 17 properties

EAST-WEST HWY 16"  
WATER MAIN REPLACEMENT  
MONTGOMERY COUNTY, MARYLAND  
PROJECT NO. BT6608A18



# Project Overview

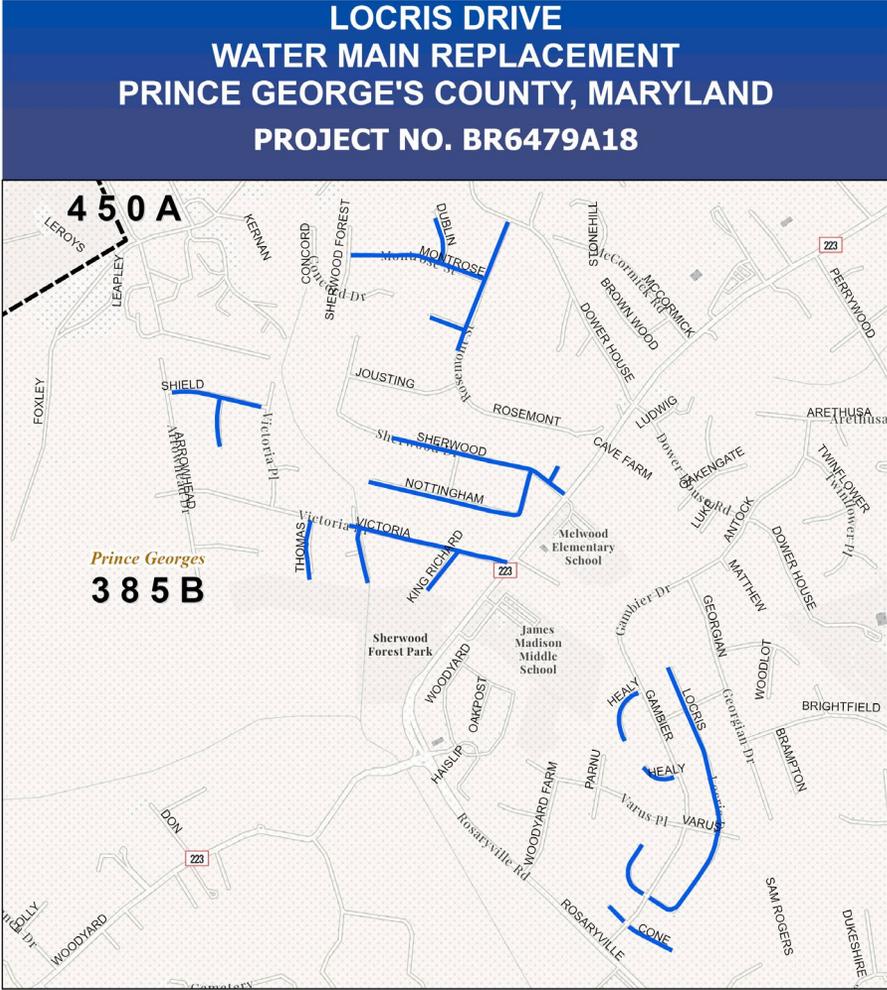
## Locris Drive

### Water Main Replacement

Contract No. BR6479A18

Location: Upper Marlboro, Prince George's County

- Replacement/relocation of approximately 3.25 miles of 4", 8", and 10", 12" Ductile Iron Pipe
- Replacement of approximately 9,764 feet of water house connections for 258 properties



— WATER MAIN REPLACEMENT AREA

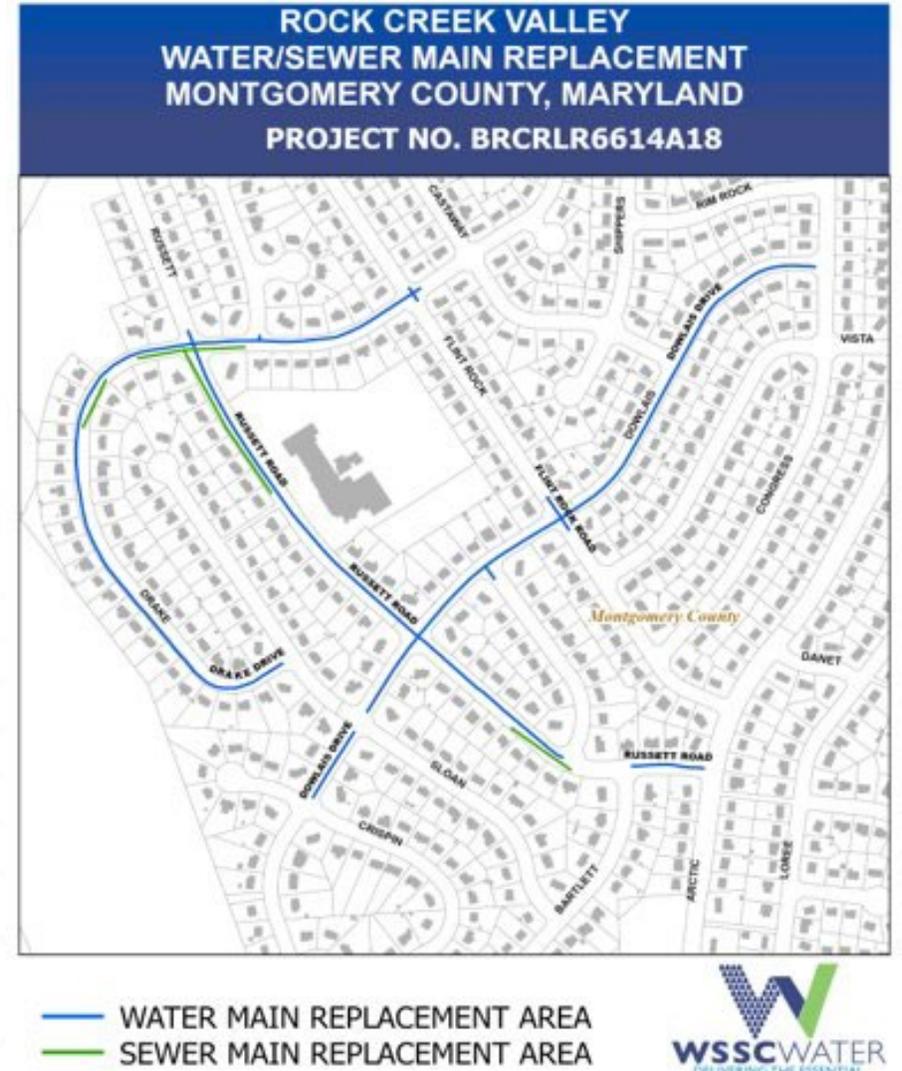
# Project Overview

## Rock Creek Valley Water/Sewer Main Replacement

Contract No. BRCRLR6614A18

Location: Rockville, Montgomery County

- Replacement/relocation of approximately 5,204 feet of 8-inch Ductile Iron Pipe
- Replacement/relocation of approximately 3,579 feet of 10-inch Ductile Iron Pipe
- Replacement of approximately 539 feet of 8-inch Ductile Iron Pipe and Polyvinyl Chloride Pipe
- Installation of 18 fire hydrants
- Installation of 142 water house connections (4,320 feet) and 14 sewer house connections (335 feet)





# 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 American Water Works Association (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>

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**

<https://www.wusa9.com/article/traffic/construction-causing-damage-to-cars-driving-along-old-branch-avenue-clinton-maryland/65-e1b529f4-f6f4-407e-a1ab-29fb273b428e>

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**

<https://www.youtube.com/watch?v=oZ-l-mXAto>

# 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

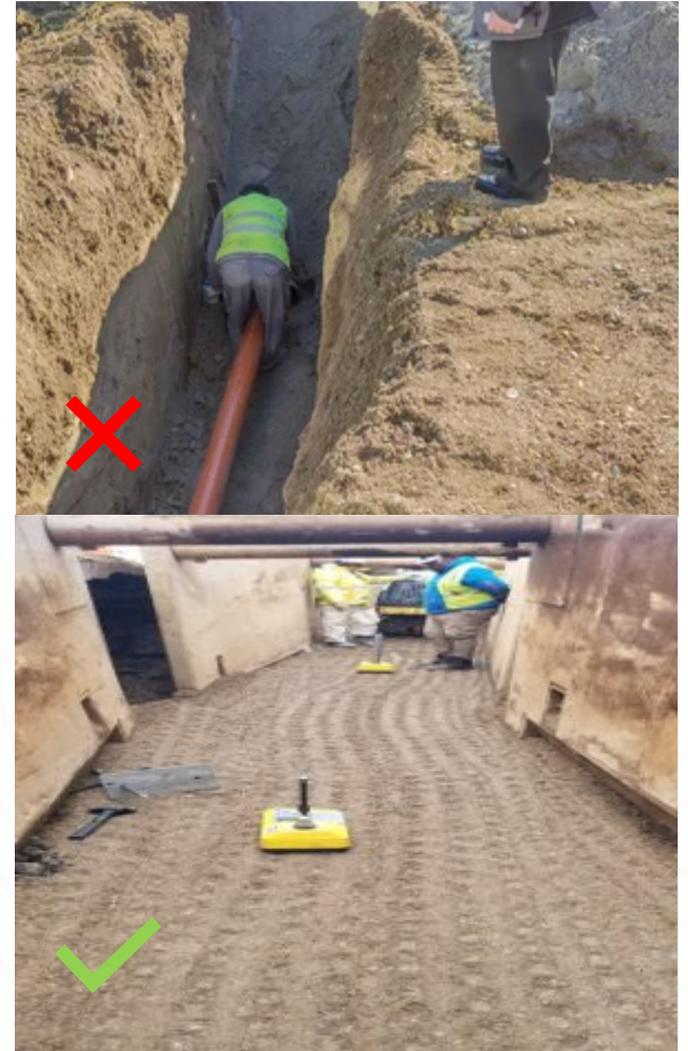
- Proceed with construction clean-up as construction progresses
- Remove mud, oil, grease, soil, gravel, trash, scrap, debris, and excess materials that are unsightly or may cause accidents to persons or properties.
- Restore disturbed areas including, but not limited to staging and stockpiling areas, 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"/> <b>SHUT DOWN</b>	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#	V#	V#
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
<b>Reason for Shut Down:</b>				
<input type="checkbox"/> Other: .				
<b>This Shut Down:</b>			Number of Customers Impacted:	

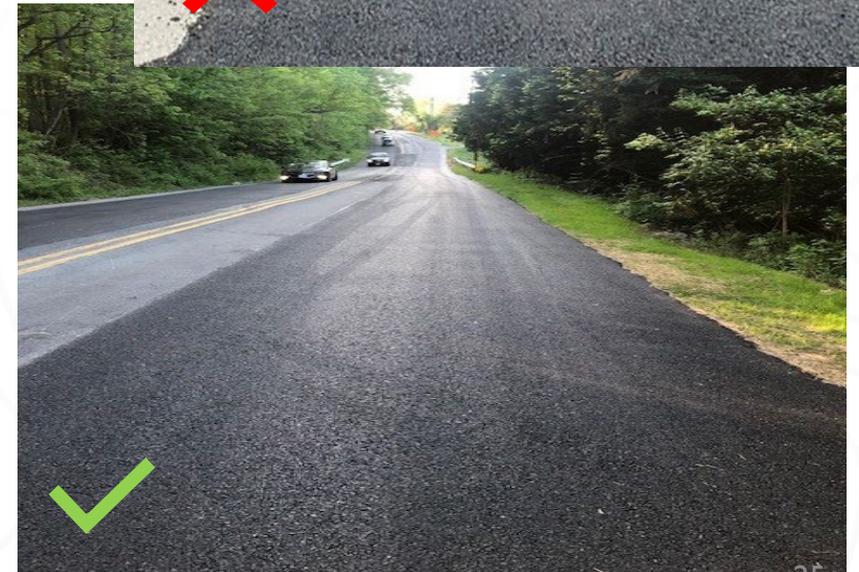
<b>LOCATE AND/OR OPERATE VALVES NOT SHOWING</b>				W.O. #:
Subdivision:				
County:	Page(s):	Grid(s):		
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:

<b>SIMULATED SHUT DOWN</b>				Sim. S/D sent , on
County:	Page(s):	Grid(s):		
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	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 approaches you with an inquiry about the project you are working on or any other concern, then please refer the customer to the WSSC Water inspector on site.
- If the inspector is not on site, then write down the question(s) from the customer along with their contact information and forward the customer's inquiry to the WSSC Water Contract Manager via email.

## WSSC Water Contact Information

- Carlos Salazar, Community Relations & Outreach Specialist: [Carlos.Salazar@wsscwater.com](mailto:Carlos.Salazar@wsscwater.com), 240-646-4862
- Thomas Johnson, Government Affairs Manager: [Thomas.Johnson@wsscwater.com](mailto:Thomas.Johnson@wsscwater.com), 240-646-4335

## WSSC Water Customer Advocates

- Philip Callahan, Northern Montgomery County: [Philip.Callahan@wsscwater.com](mailto:Philip.Callahan@wsscwater.com), 240-204-2123
- Brandon Stewart, Southern Montgomery County: [Brandon.Stewart@wsscwater.com](mailto:Brandon.Stewart@wsscwater.com), 301-642-1712
- David Wilkins, Northern Prince George's County: [David.Wilkins@wsscwater.com](mailto:David.Wilkins@wsscwater.com), 301-648-6953
- Walter Guzman, Southern Prince George's County: [Walter.Guzman@wsscwater.com](mailto: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](http://www.wsscwater.com/work-us/procurement/outreach-events)

