



# North Woodside Standpipe Rehabilitation Presentation to Linden Civic Association

Project #: BE306 ID01

**Joy Hamilton**, Project Outreach Manager  
**Chris DeHerde**, Project Manager  
**Brandon Stewart**, Customer Advocate

June 24, 2026

# Agenda

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

# WSSC WATER AT A GLANCE



★ **108 years** of no drinking water quality violations, ever.  
★ **Platinum Peak Performance** recognition for wastewater treatment and resource recovery excellence.



**8th**

Largest combined water and wastewater utility in the United States by population served



**1.9M**

Residents served



**162 MGD**

Water provided each day



**1000 Sq. Miles**

Size of WSSC Water's Service Area



**1,800+**

Members of Team H<sub>2</sub>O deliver on our mission



**\$114.9B**

WSSC Water supports the economic output of Prince George's and Montgomery counties



**\$1.8B**

FY2026 Operating & Capital Budget



**\$5.9B**

6-Year Capital Improvements Program



**\$9B**

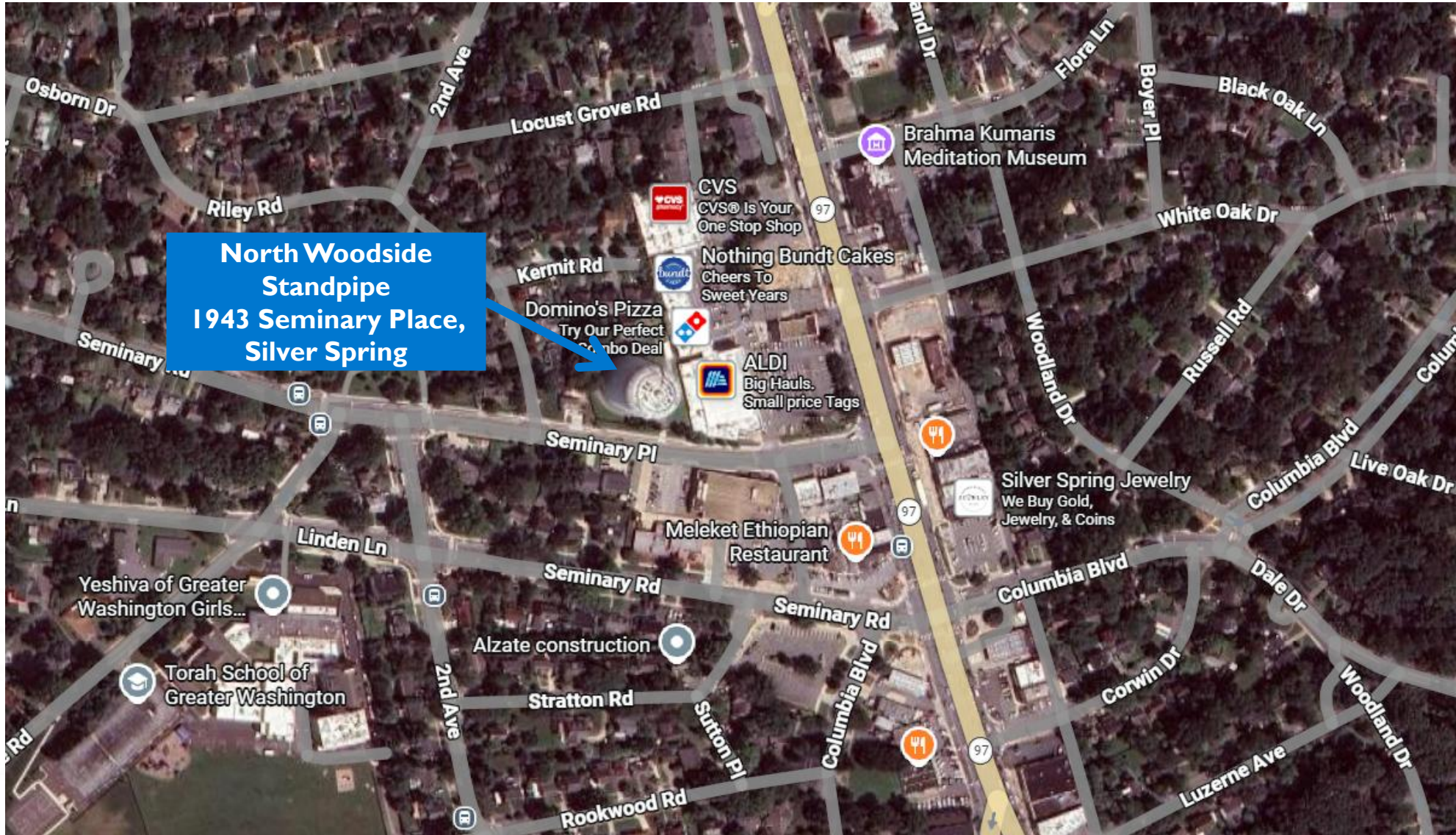
In infrastructure assets maintained on behalf of our customers



# Project Team

- **Christopher DeHerde, Project Manager**  
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- **Monica Marquina, Director, Intergovernmental Relations**  
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- **Brandon Stewart, Customer Advocate**  
(301) 642-1712, [Brandon.Stewart@wsscwater.com](mailto:Brandon.Stewart@wsscwater.com)
- **Joy Hamilton, Project Outreach Manager**  
(301) 206-8542, [Joy.Hamilton@wsscwater.com](mailto:Joy.Hamilton@wsscwater.com)
- **Arcadis, Engineering Design Consultants**
- **D&M Painting, Construction Contractor**

# Project Map



# Existing Conditions

- Location: 1943 Seminary Place, Silver Spring
- 7.5-Million-Gallon Standpipe
  - 110-ft Diameter
  - ~128-ft Tall
- Constructed in 1968
  - By Pittsburgh-Des Moines Steel Company
- Two existing structures
  - Verizon communications building
  - WSSC Water SCADA building



# Project Scope

- **Site Work**

- New access drive
- New yard piping and altitude valve vault

- **Structural Improvements**

- Improved water quality
- Structural steel upgrades
- Foundation repairs
- OSHA upgrades to railings and ladders

- **Coating**

- Abrasive blasting
- Epoxy based coating
- Protects against corrosion



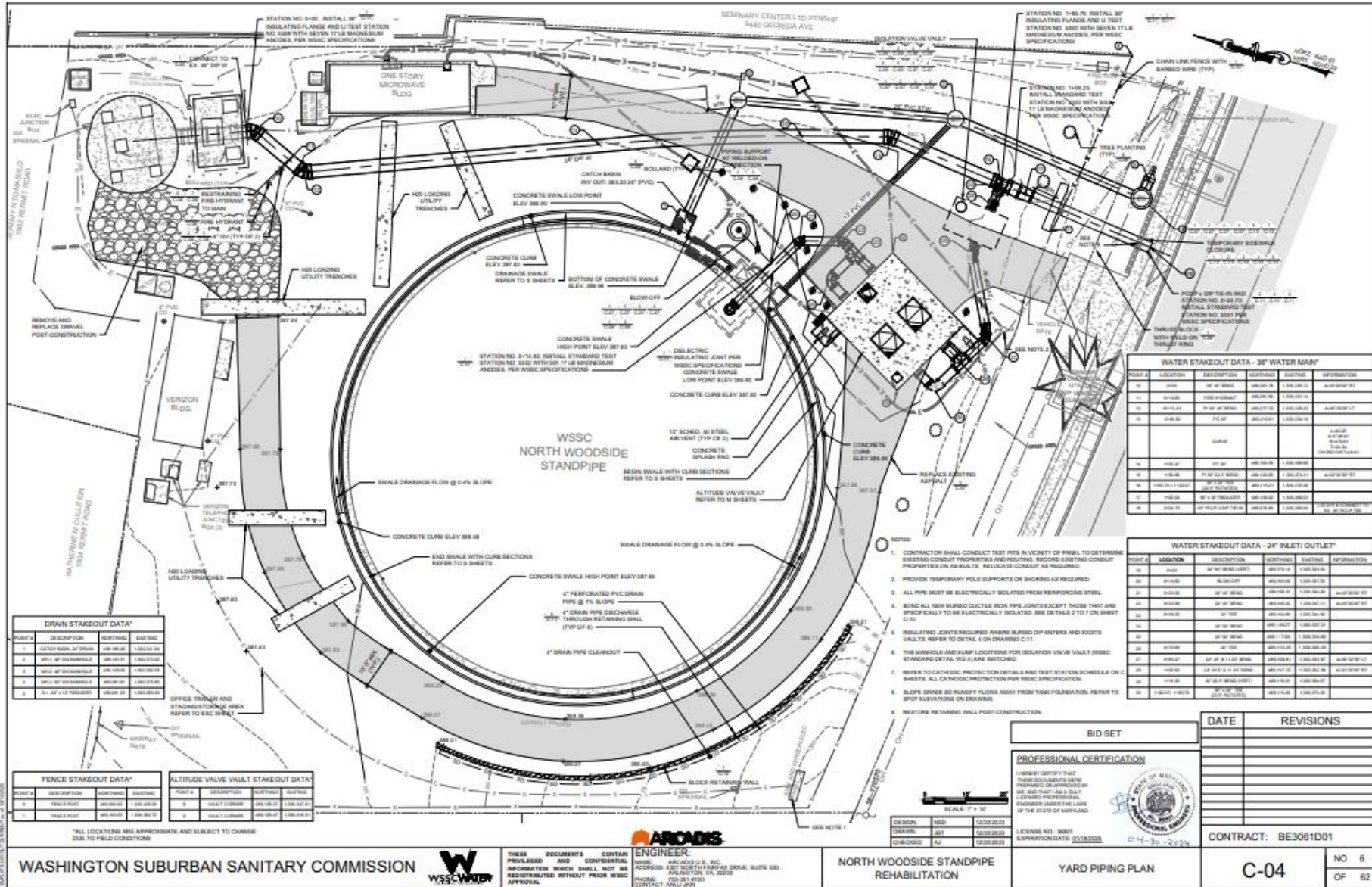
◀ **Corrosion on tank roof**



◀ **Outdated equipment in altitude valve vault**



# Project Overview



**DRAIN STAKEOUT DATA\***

POINT #	DESCRIPTION	NORTHING	EASTING
1	CATCH BASIN @ 2\"/>		

**FENCE STAKEOUT DATA\***

POINT #	DESCRIPTION	NORTHING	EASTING
1	FENCE POST	100.0000	1.000000
2	FENCE POST	100.0000	1.000000

**ALTITUDE VALVE VAULT STAKEOUT DATA**

POINT #	DESCRIPTION	NORTHING	EASTING
1	VAULT CORNER	100.0000	1.000000
2	VAULT CORNER	100.0000	1.000000

**WATER STAKEOUT DATA - 36\"/>

POINT #	LOCATION	DESCRIPTION	NORTHING	EASTING	INFORMATION
1	36\"/>				

**WATER STAKEOUT DATA - 24\"/>

POINT #	LOCATION	DESCRIPTION	NORTHING	EASTING	INFORMATION
1	24\"/>				

- NOTES**
- CONTRACTOR SHALL CONDUCT TEST PITS IN VICINITY OF PIPING TO DETERMINE EXISTING CONDUIT PROPERTIES AND ROUTING. RECORD EXISTING CONDUIT PROPERTIES ON AS-BUILT. RELOCATE CONDUIT AS REQUIRED.
  - PROVIDE TEMPORARY POLE SUPPORTS ON SHORING AS REQUIRED.
  - ALL PIPING MUST BE ELECTRICALLY ISOLATED FROM REINFORCING STEEL.
  - RELOCATE ALL NEW BURIED CONDUITS. IRON PIPE JOINTS EXCEPT THOSE THAT ARE SPECIFICALLY TO BE ELECTRICALLY ISOLATED. SEE SEE DETAILS 2 TO 10 ON SHEET C-10.
  - INSULATED CONDUITS REQUIRED WHERE BURIED DIP ENTERS AND EXITS. VALVES REFER TO DETAIL 6 ON DRAWING C-11.
  - THE MANHOLE AND SUMP LOCATIONS FOR DETENTION VALVE VAULT (BASIC STANDPIPE DETAIL W-2) ARE DETACHED.
  - REFER TO CATHODIC PROTECTION DETAILS AND TEST STATION SCHEDULES ON C SHEETS. ALL CATHODIC PROTECTION PER PUBLIC SPECIFICATION.
  - SLOPE GRADE SO RAINOFF FLOWS AWAY FROM TANK FOUNDATION. REFER TO SPOF ELEVATIONS ON DRAWING.
  - RELOCATE RETAINING WALLS POST-CONSTRUCTION.

DATE	REVISIONS

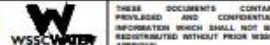
**PROFESSIONAL CERTIFICATION**

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER IN THE STATE OF MARYLAND.

DESIGN: [Signature] DATE: 10/20/2023  
 CHECKED: [Signature] DATE: 10/20/2023

LICENSE NO. 38871 EXPIRATION DATE: 03/31/2025

WASHINGTON SUBURBAN SANITARY COMMISSION



THESE DOCUMENTS CONTAIN PROPRIETARY AND CONFIDENTIAL INFORMATION WHICH SHALL NOT BE REPRODUCED WITHOUT PRIOR WRITTEN APPROVAL.

**ARADIS ENGINEER**  
 NAME: ARADIS U.S. INC.  
 ADDRESS: 4301 NORTH PARKWAY DRIVE, SUITE 300, PALM BEACH, FL 33409  
 PHONE: 754.831.8000  
 CONTACT: ANJUN JAY

**NORTH WOODSIDE STANDPIPE REHABILITATION**

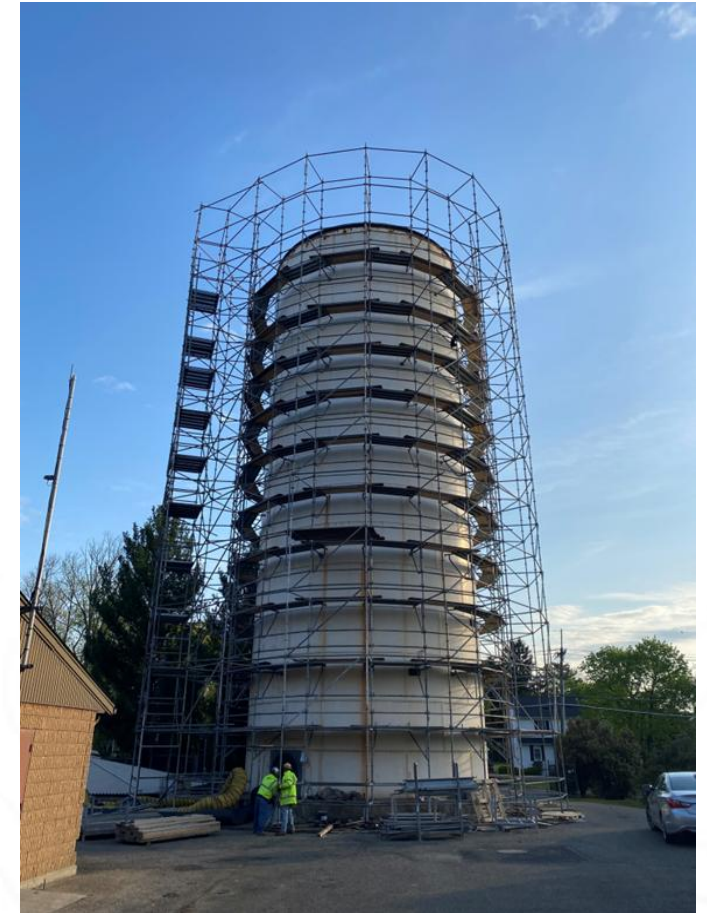
**YARD PIPING PLAN**

**C-04**

NO 6 OF 62

# What to Expect During Construction

- **Construction Hours**
  - Monday through Friday – 7 a.m. to 5 p.m.
  - Potential for Saturday work
    - 9 a.m. to 5 p.m.
- **Soil and Sediment Control**
  - Silt Fence
  - Stabilized construction entrance
- **Environmental Controls**
  - Environmental monitoring
- **Material Deliveries**
  - Outside of school pick-up/drop-off hours
    - 8:15 a.m. – 10:00 a.m.
    - 2:30 p.m. – 4 p.m.
- **NO** anticipated impacts to customer water service (outages or pressure)



*Class 2-A containment system  
being installed*

# Surface Preparation and Coating

- **Time (Weather Depending)**
  - Exterior – 1 to 2 months
  - Interior – 1 to 2 months
- **Scaffold type containment system**
  - Class 2-A system protect community and workers
  - Designed by licensed engineer
  - Reviewed engineer and WSSC Water
- **Airborne dust and waste**
  - Recycled steel grit abrasives
  - Ventilation equipment
- **Comply with:**
  - Maryland Occupational Safety and Health (MOSH)
  - Occupational Safety and Health Administration (OSHA)



*A complete class 2-A containment system*

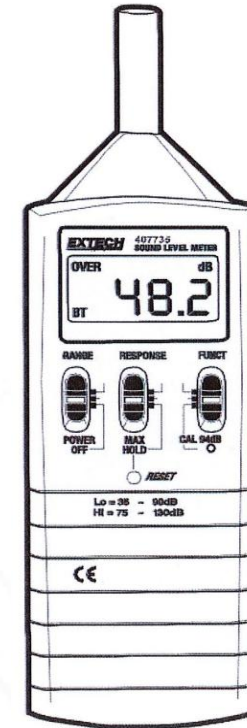
# Noise Monitoring During Construction

## 90dB maximum at 100 feet

Readings are taken 100 feet from the noise-generating equipment during surface preparation activities.

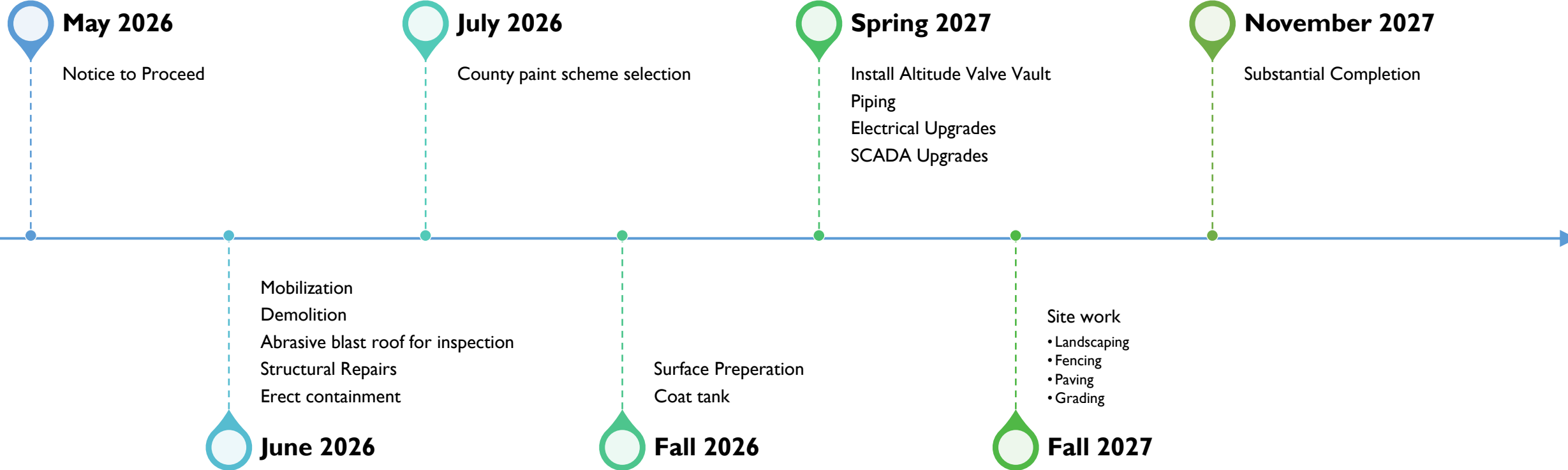
- **When monitoring occurs**
  - During surface preparation operations, the project's highest-noise activity.
- **Who takes readings**
  - WSSC Water's on-site quality control inspector performs and records decibel monitoring.
- **What happens if readings are high**
  - If levels exceed 90dB at 100 feet, readings are documented and corrective steps are taken before resuming work.

## Sound level meter EXTECH 407735 or similar



Used to document decibel readings during construction activities.

# North Woodside Standpipe Rehabilitation Estimated Project Schedule



# Painting Schemes

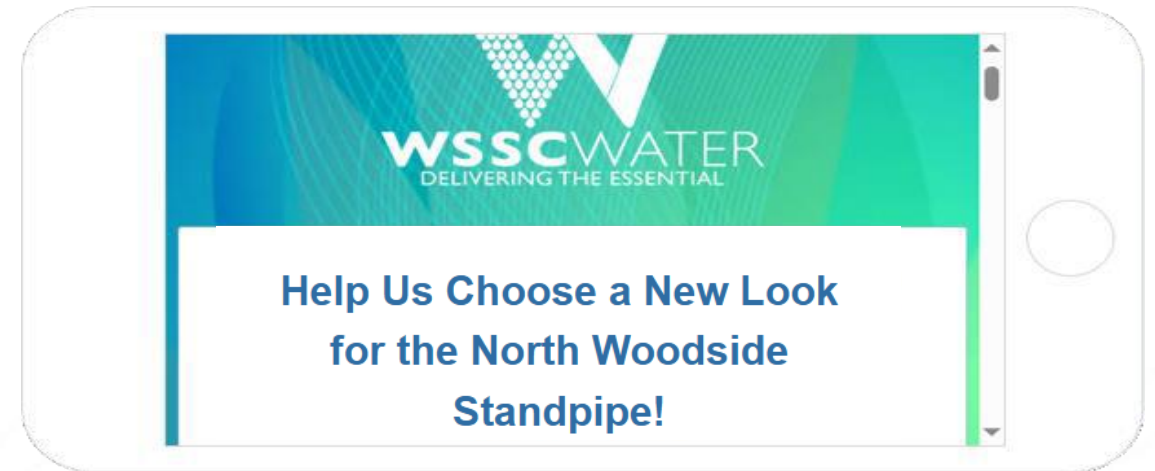


# Painting Schemes



# Painting Schemes (Community Survey)

- In April 2026, WSSC Water **shared our initial community survey** on the preferred look of the tank at the Montgomery Hills Street Fest.
- WSSC Water is **finalizing updated water tank standards** to help guide tank coatings, visual treatments and overall site appearance.
- Community members will have an **opportunity to vote** on preferred tank paint scheme and font choice until Friday, July 31, 2026.





Contact Us: (301) 206-4001  
[customerservice@wsscwater.com](mailto:customerservice@wsscwater.com)



**CNS** Customer Notification System

Receive alerts about WSSC Water-related incidents near your home, office, school, or other important addresses.

Register for *text or email* alerts on up to three addresses.

**REGISTER AT WSSCWATER.COM/CNS**

Customer Notification System (CNS)

**REPORT A WATER OR SEWER EMERGENCY**

**301-206-4002**

**EmergencyCallCenter@wsscwater.com**

**WSSC Water Mobile App**  
Available on Apple App Store and Google Play

**WSSC WATER**  
DELIVERING THE ESSENTIAL

Report Water/Sewer Emergency



**Questions?**

