



Greenbelt Standpipe Rehabilitation Project Progress Update

Abigail Abrahams, Project Outreach Support Specialist
Chris DeHerde, Project Manager

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Welcome

- The presentation will be followed by questions & answers.
- Questions may be submitted through the Teams chat or asked during the Q&A session.
- All questions and comments will be read aloud and responded to at the end of the presentation in the order they were received.

Agenda

- Project Status
- Methods of Abrasive Blasting
- Environmental Monitoring
- What to Expect During Construction
- Project Schedule
- Additional resources & contacts
- Questions & Answers

Project Status

- Exterior/interior blasting and priming - 80% complete
- Completing interior/exterior repairs and upgrades
- Altitude valve vault walls poured
- Currently installing new piping
- Early – Mid October: Build containment system



Altitude valve vault under construction

Abrasive Blasting Methods

Faster Blaster

- Used for external blasting at the start of project
- Self-contained blasting unit
- Raised and lowered along tank walls
- Allows for expedited completion of paint removal

Scaffold Type Containment System

- Will be used for this round of blasting
- Class 2-A system to protect community and workers
- Designed by licensed engineer and reviewed by WSSC water

Airborne Dust and Waste

- Recycled steel grit abrasives
- Ventilation equipment

All abrasive blasting methods comply with Maryland Occupational Safety and Health and Occupational Safety and Health Administration standards



Scaffold type class 2-A containment system

How is environmental monitoring being conducted?

- Air quality samples are collected continuously while exterior blasting is ongoing
- Air quality samples are collected around site perimeter, within work area and taken from equipment exhaust
- The current short-term air monitoring results are **below** the OSHA threshold and the long-term extrapolation is **below** the EPA standard
- Latest air monitoring results are being finalized by the contractor and will be shared once reviewed by WSSC Water
- Soil samples were taken and reported at start of work
- Following project completion, soil samples will be taken again and reported



Air monitoring device located within the project site

Noise Monitoring During Construction

90dB maximum at 100 feet

Readings are taken 100 feet from the noise-gathering 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.

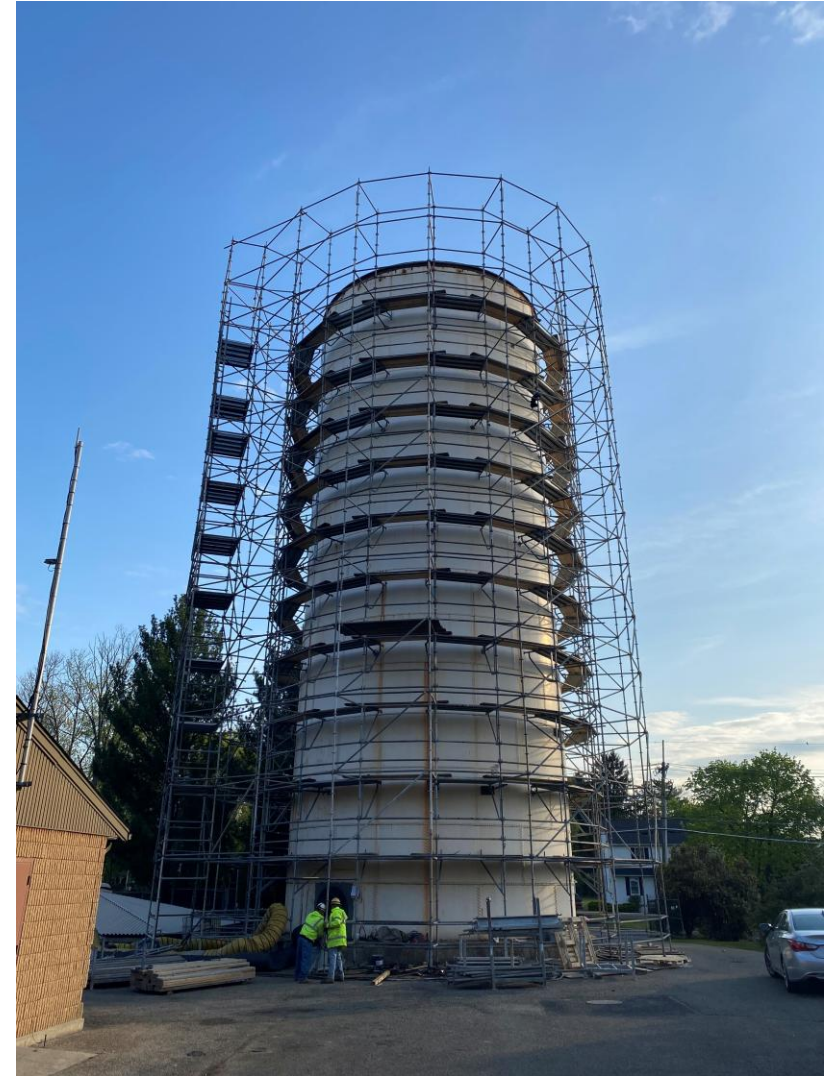


Sound level meter

EXTECH 407735 or similar
Used to document decibel readings during construction activities

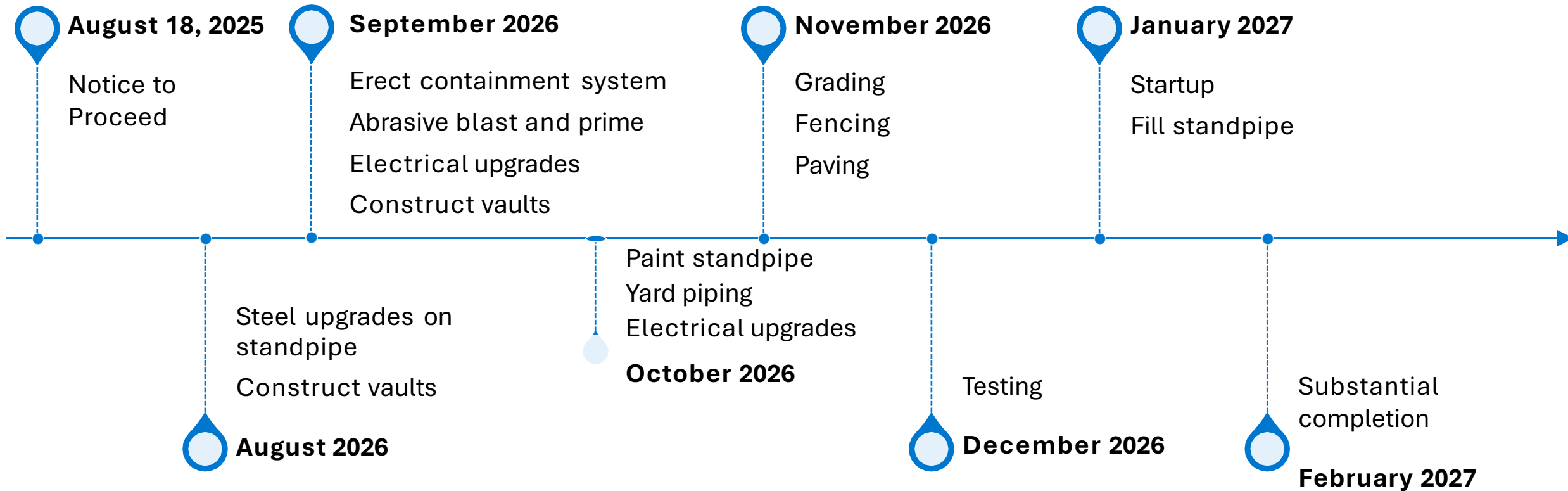
What to Expect During Construction

- Construction hours: Monday – Friday, 8 am to 5 pm
- **Material deliveries will take place outside school pick-up and drop-off hours**
- Soil and sediment control
 - Silt fence
 - Stabilized construction entrance
- There will be no impacts to water service or water pressure



Construction of class 2-A containment system

Estimated Project Schedule



Project Contacts

Christopher DeHerde, Project Manager

(301) 206-8560, Christopher.DeHerde@wsscwater.com

David Wilkins, Customer Advocate

(301) 206-4371, David.Wilkins@wsscwater.com

**Wayne Anderson, Section Manager,
Telecommunications Systems**

(301) 206-7140, Wayne.Anderson@wsscwater.com

Joy Hamilton, Project Outreach Manager

(240) 814-8511, Joy.Hamilton@wsscwater.com

**Monica Marquina, Director, Intergovernmental
Relations Office**

(301) 206-8228, Monica.Marquina@wsscwater.com

Arcadis, Engineering Design Consultants

Titan Industrial Services, Construction Contractor

Questions?

