



# Greenbelt Standpipe Rehabilitation

Project #: BS5724A14

**Joy Hamilton**, Project Outreach Manager  
**Chris DeHerde**, Project Manager

November 12, 2025

# 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



★ **107 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



**1,700+**

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**

FY2025 Operating & Capital Budget



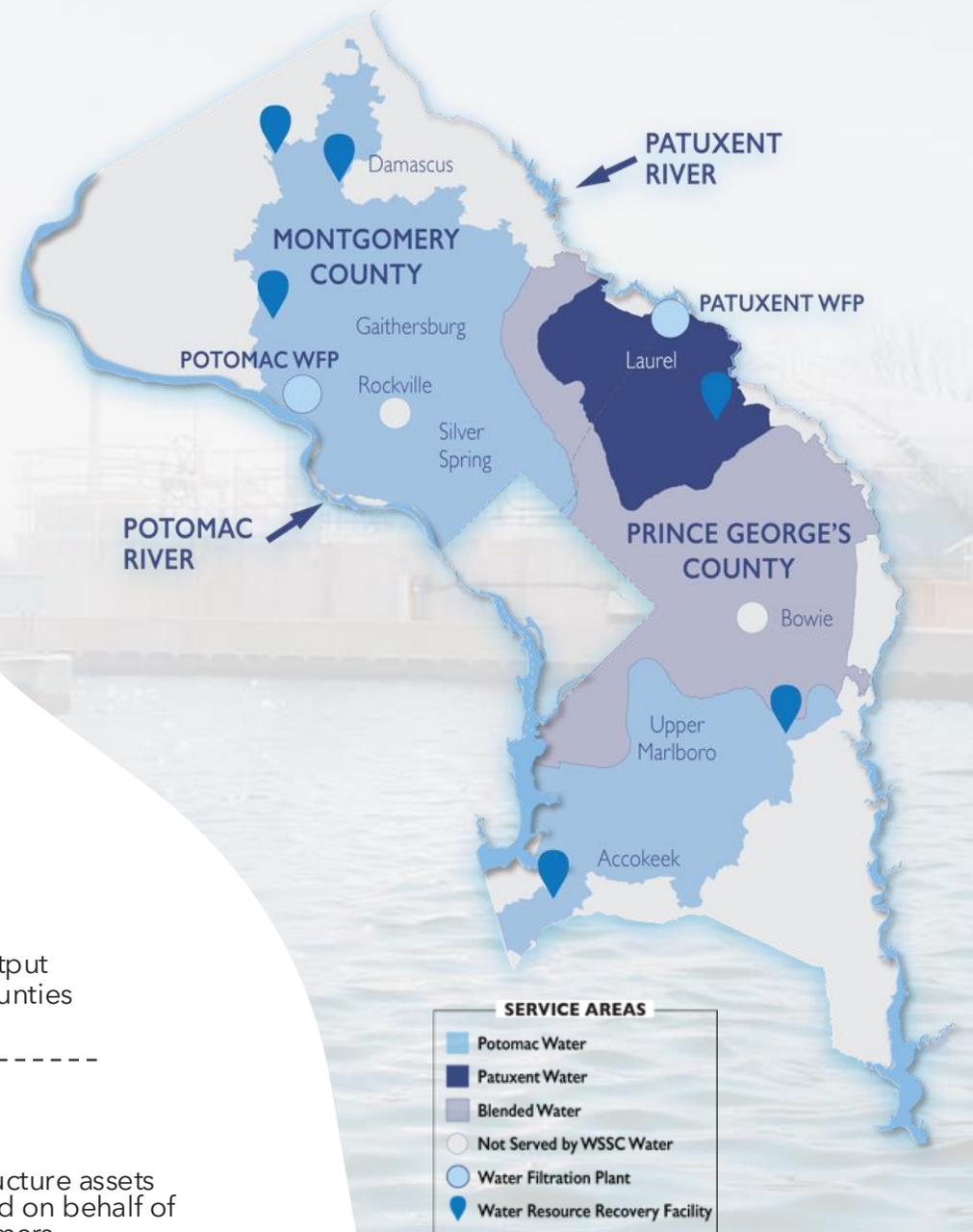
**\$5.9B**

6-Year Capital Improvements Program



**\$9B**

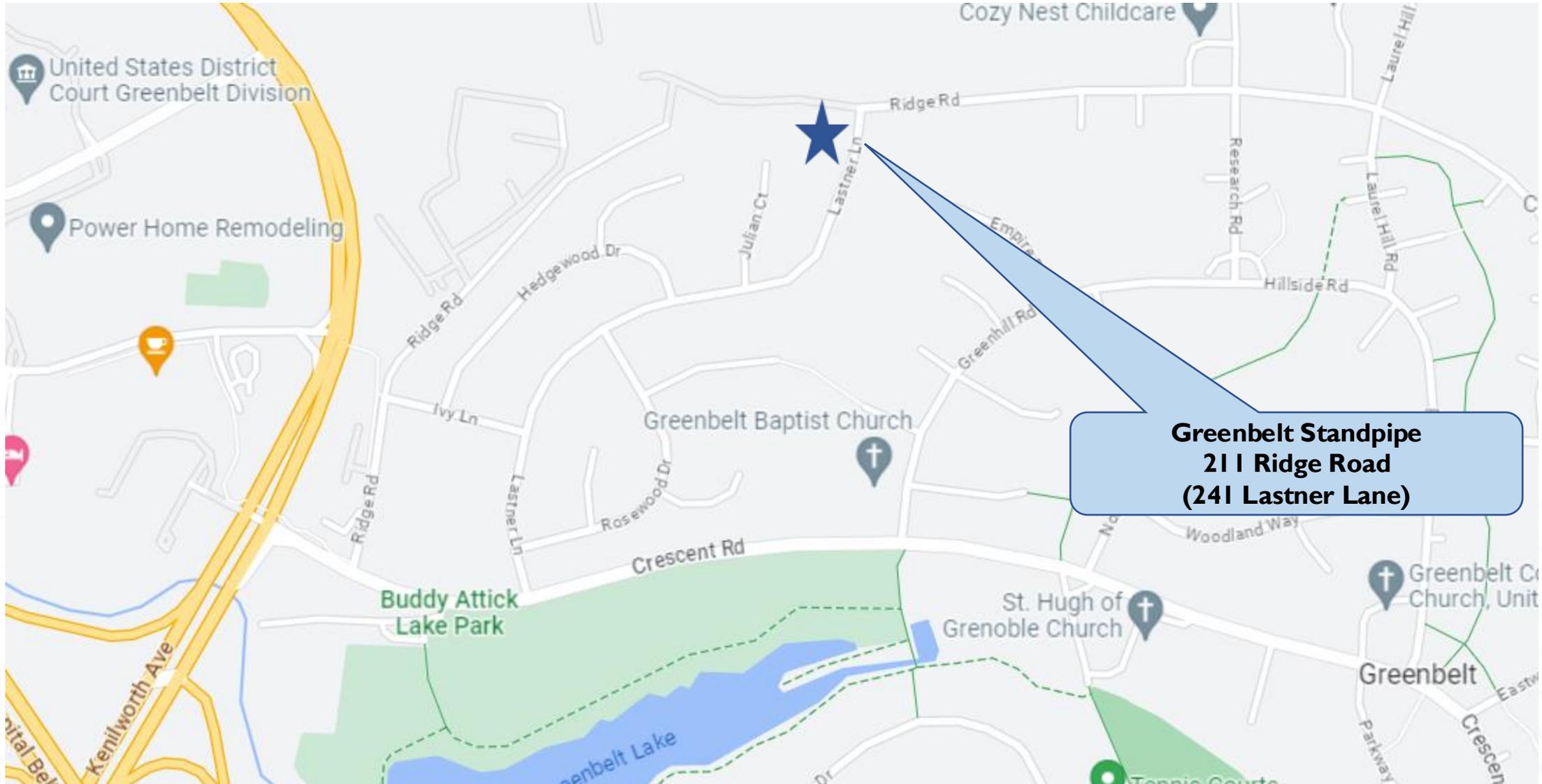
In infrastructure assets maintained on behalf of our customers



# Project Team

- **Christopher DeHerde, Project Manager**  
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- **Monica Marquina, Director, Intergovernmental Relations**  
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- **Wayne Anderson, Section Manager, Telecommunications Systems**  
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- **Thomas Johnson, Government Affairs Manager**  
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- **Arcadis, Engineering Design Consultants**
- **Titan Industrial Services, Construction Contractor**

# Project Map

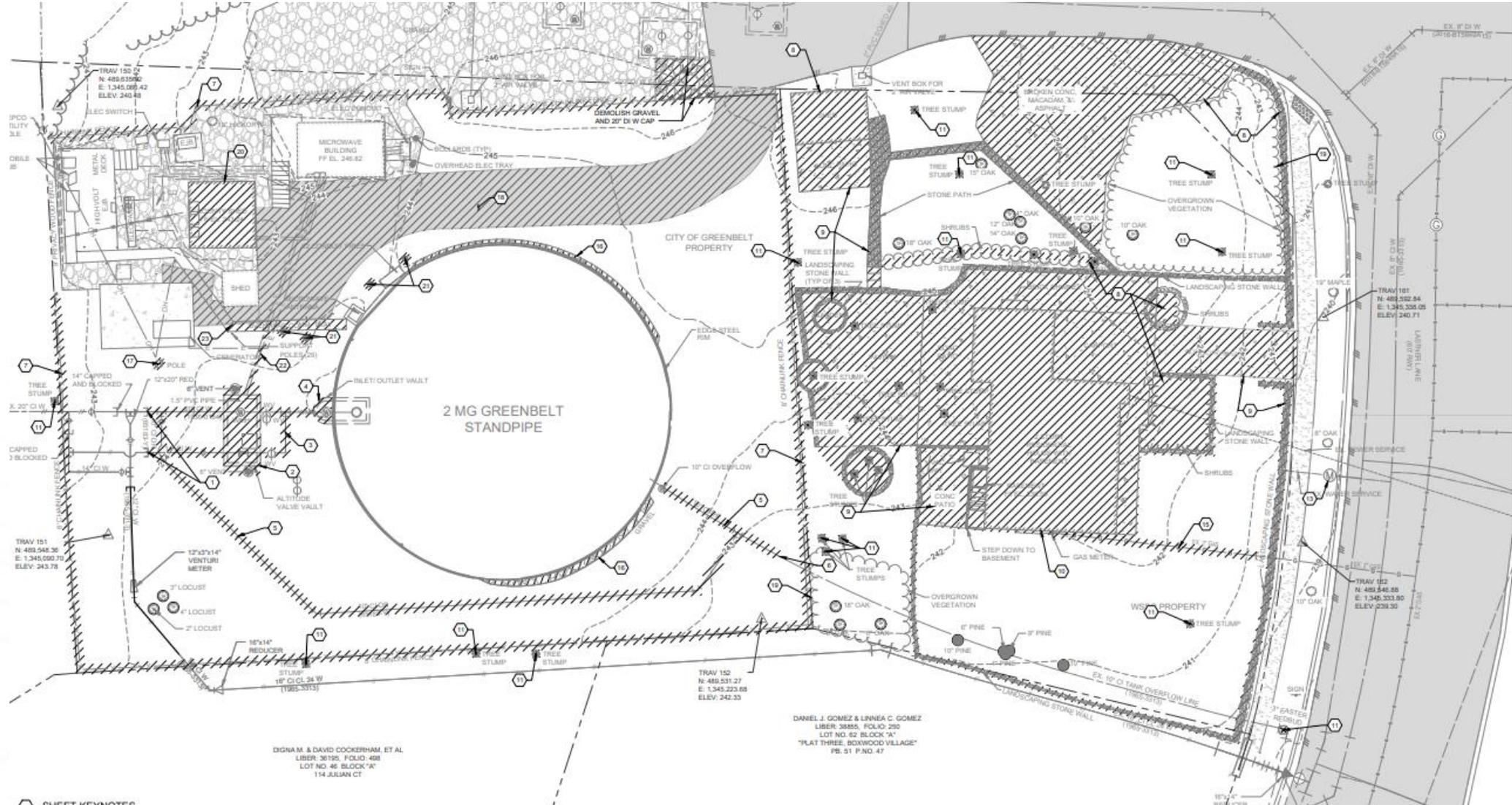


# Existing Conditions

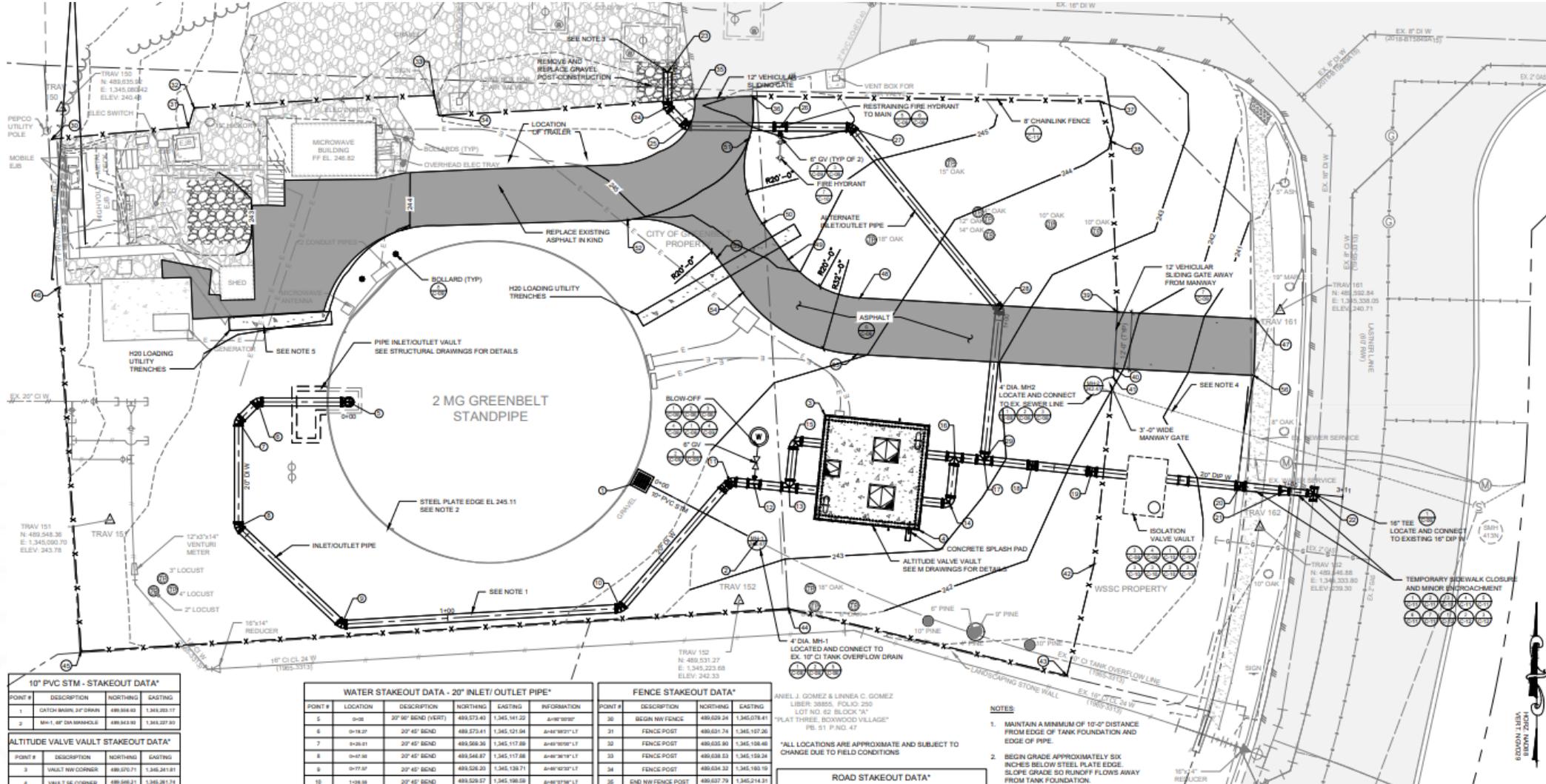
- 2-Million-Gallon Standpipe
  - 69-ft Diameter
  - ~83-ft Tall
- Constructed 1936, approximately 30 years before subdivision
- Current lot owned by the City of Greenbelt
- WSSC acquired the adjacent lot (241 Lastner Lane)
  - Better access
  - More space to work and yard piping
- Existing Site access drive off Ridge Road
- Three existing structures



# Demolition Plan



# Project Overview



10" PVC STM - STAKEOUT DATA\*

POINT #	DESCRIPTION	NORTHING	EASTING
1	CATCH BASIN 24" DIAM	489,504.40	1,345,253.17
2	MH-1 48" DIA MANHOLE	489,503.00	1,345,257.50

ALTITUDE VALVE VAULT STAKEOUT DATA\*

POINT #	DESCRIPTION	NORTHING	EASTING
3	UNAJL INV CORNER	489,507.71	1,345,241.87
4	VAULT 56 CORNER	489,506.21	1,345,261.74

WATER STAKEOUT DATA - 20" INLET/ OUTLET PIPE\*

POINT #	INCH	DESCRIPTION	NORTHING	EASTING	INFORMATION
5	5/8"	20" 60' BEND (VERT)	489,573.43	1,345,141.22	4-H/10250" LT
6	0-18.27	20" 45' BEND	489,573.43	1,345,121.04	4-H/10250" LT
7	0-30.51	20" 45' BEND	489,569.38	1,345,117.89	4-H/10250" LT
8	0-47.50	20" 45' BEND	489,548.87	1,345,117.88	4-H/10250" LT
9	0-77.57	20" 45' BEND	489,528.23	1,345,138.71	4-H/10250" LT
10	1-08.59	20" 45' BEND	489,528.57	1,345,158.59	4-H/10250" LT

FENCE STAKEOUT DATA\*

POINT #	DESCRIPTION	NORTHING	EASTING
30	BEGIN NW FENCE	489,629.24	1,345,078.41
31	FENCE POST	489,631.74	1,345,157.26
32	FENCE POST	489,635.80	1,345,159.88
33	FENCE POST	489,638.53	1,345,159.24
34	FENCE POST	489,634.32	1,345,160.18
35	END NW FENCE POST	489,627.79	1,345,174.31

ANIEL J. GOMEZ & LINNEA C. GOMEZ  
 LIBER: 38855, POLJO: 295  
 LOT NO: 82, BLOCK "A"  
 "PLAT THREE, BOXWOOD VILLAGE"  
 PB 51 P. NO. 47

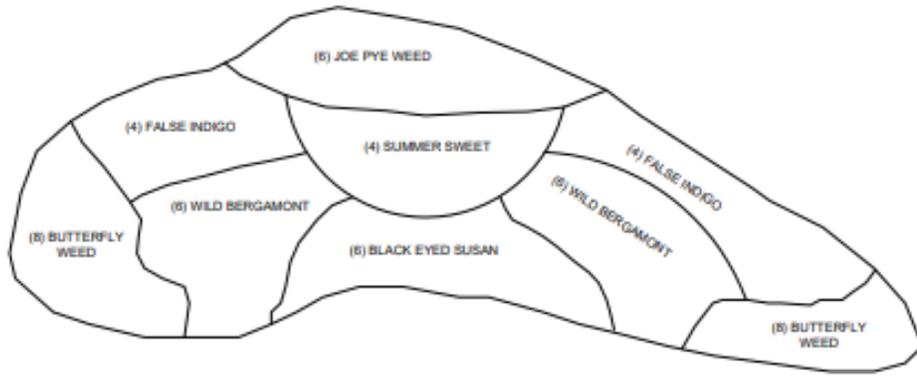
\*ALL LOCATIONS ARE APPROXIMATE AND SUBJECT TO CHANGE DUE TO FIELD CONDITIONS

ROAD STAKEOUT DATA\*

**NOTES:**

1. MAINTAIN A MINIMUM OF 10'-0" DISTANCE FROM EDGE OF TANK FOUNDATION AND EDGE OF PIPE.
2. BEGIN GRADE APPROXIMATELY SIX INCHES BELOW STEEL PLATE EDGE. SLOPE GRADE SO RUNOFF FLOWS AWAY FROM TANK FOUNDATION.

# Landscape Plan

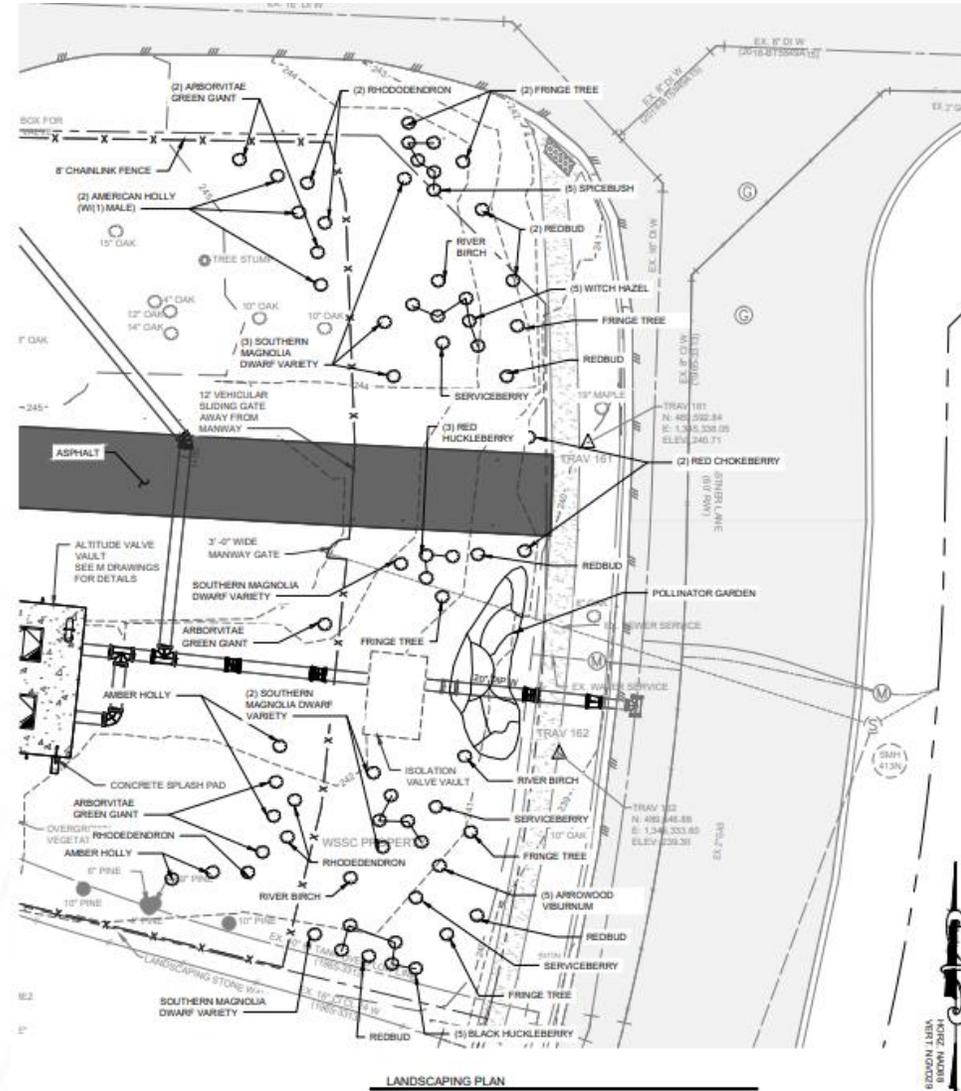


**POLLINATOR GARDEN**

## LANDSCAPING PLAN PLANT LIST

TREES				
QUANTITY	DESCRIPTION	SIZE	SPACING	
5	ARBORVITAE 'GREEN GIANT' - THUJA STANDISHI X PLICATA	1.75" TO 2" CALIPER	MIN. 10' O.C.	
8	AMERICAN HOLLY (INCLUDING (2) MALE) - ILEX OPACA	1.25" TO 1.75" CALIPER	MIN. 10' O.C.	
7	"SOUTHERN MAGNOLIA - MAGNOLIA GRANDIFLORA 'LITTLE GEM'	1.75" TO 2" CALIPER	MIN. 10' O.C.	
6	FRINGE TREE - CHIONANTHUS VIRGINICUS	1.25" TO 1.75" CALIPER	MIN. 10' O.C.	
6	REDBUD - CERES CANADENSIS	1.25" TO 1.75" CALIPER	MIN. 10' O.C.	
3	RIVER BIRCH (MULTI-STEM) - BETULA NIGRA	1.75" TO 2" CUM. CALIPER	MIN. 10' O.C.	
3	"SERVICEBERRY (MULTI-STEM) - AMELANCHIER ARBOREA	1.25" TO 1.75" CUM. CALIPER	MIN. 10' O.C.	
36	<b>TOTAL</b>			
SHRUBS				
QUANTITY	DESCRIPTION	SIZE	SPACING	
5	RHOCCODENDRON - RHOCCODENDRON 'PURPLE DANDY MAN'	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	RED CHOCKEBERRY - ARONIA ARBUTIFOLIA	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	BLACK HUCKLEBERRY - GAYLUSSACIA BAOCATA	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	COMMON WITCH-HAZEL - HAMAMELIS VIRGINIANA	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	SPICEBUSH - LINDERA BENZONIN	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
5	ARROWOOD VIBURNUM - VIBURNUM DENTATUM	1' TO 2' HEIGHT	MIN. 4' TO 6' O.C.	
30	<b>TOTAL</b>			
POLLINATOR GARDEN				
QUANTITY	DESCRIPTION	SIZE	SPACING	
14	BUTTERFLY WEED - ASCLEPIAS TUBEROSA	4" TO 6" DIA. POTS	MIN. 18" O.C.	
12	WILD BERGAMOT - MONARDA FISTULOSA	4" TO 6" DIA. POTS	MIN. 18" O.C.	
8	FALSE BLUE INDIGO - BAPTISIA AUSTRALIS	4" TO 6" DIA. POTS	MIN. 18" O.C.	
6	BLACK EYED SUSAN - RUDBECKIA HIRTA	4" TO 6" DIA. POTS	MIN. 18" O.C.	
6	SUMMER SWEET - CLETHRA ALNFOLIA	4" TO 6" DIA. POTS	MIN. 18" O.C.	
6	JOE PYE WEED - EUTROCHUM FISTULOSUM	4" TO 6" DIA. POTS	MIN. 18" O.C.	
62	<b>TOTAL</b>			

\*DENOTES VARIETY / CULTIVAR / SPECIES SUBSTITUTIONS ACCEPTABLE WITH WSSC APPROVAL



**LANDSCAPING PLAN**

# Project Scope



- **Site Work**

- Demolish house on newly acquired lot
- New access drive
- New perimeter fencing
- New yard piping and altitude valve vault

- **Structural Improvements**

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

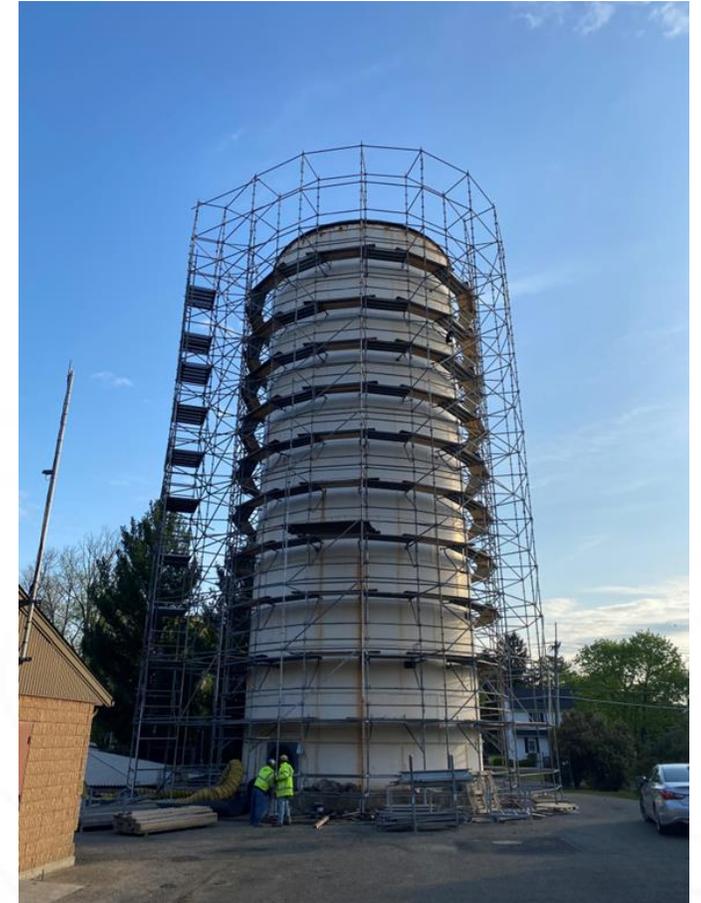
- **Coating**

- Abrasive blasting
- Epoxy based coating
- Protects against corrosion



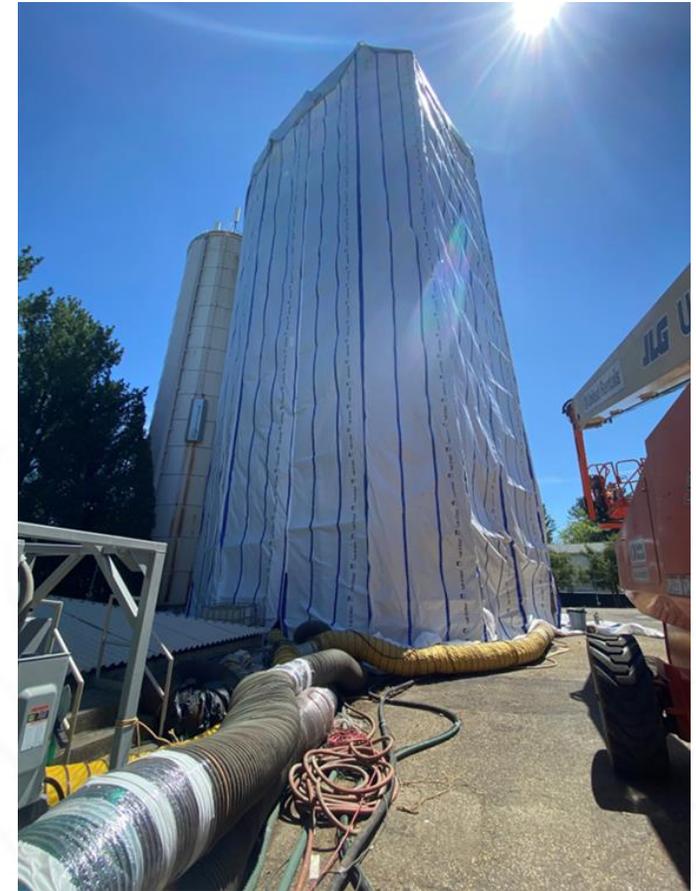
# What to Expect During Construction

- **Construction Hours**
  - Monday through Friday – 8 am to 5 pm
  - Potential for Saturdays
- **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.
- Security fencing will be installed around property line
- **NO** impacts to customers' water service (outages or pressure)



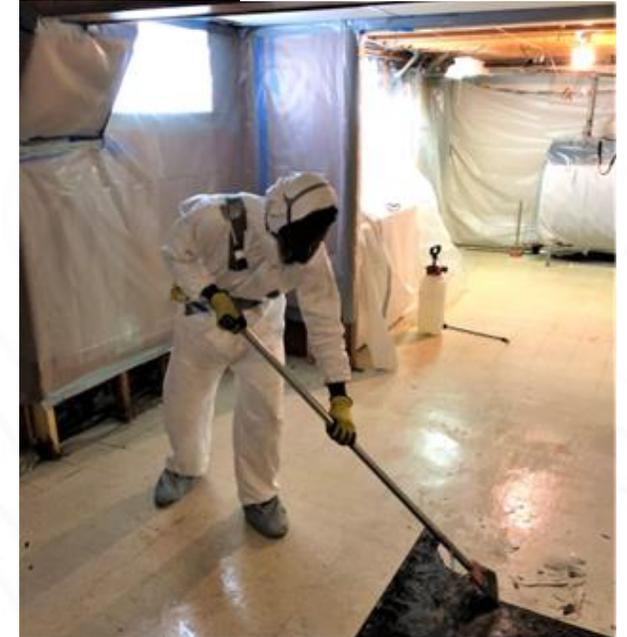
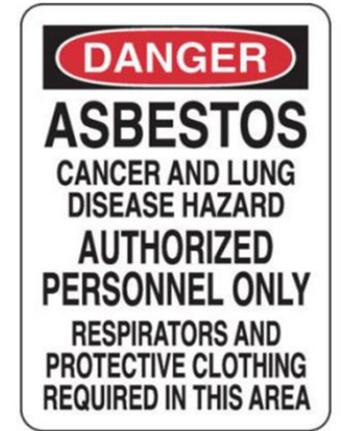
# Surface Preparation and Coating

- **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)

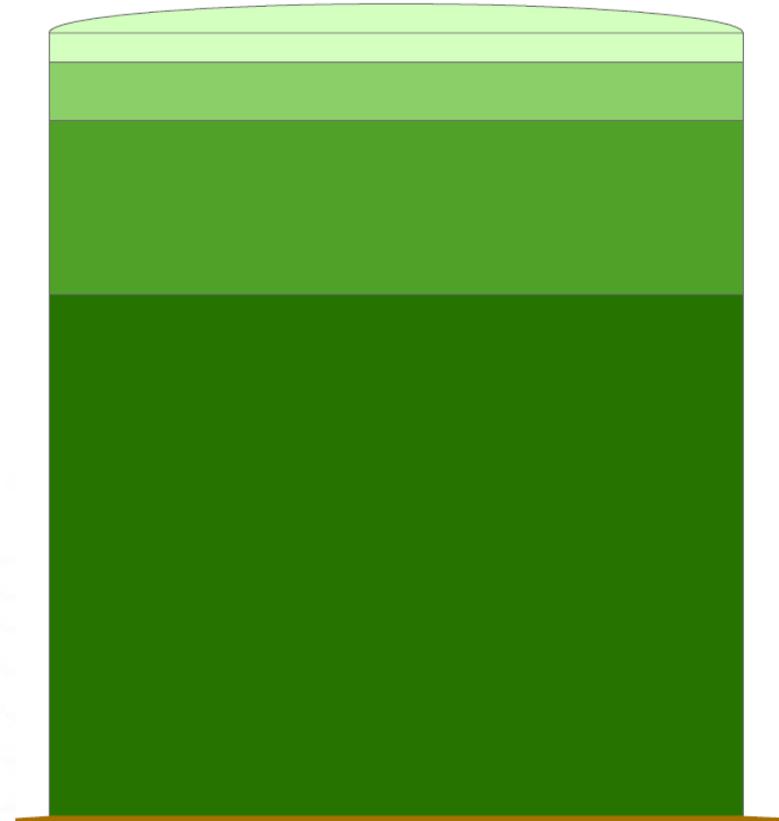
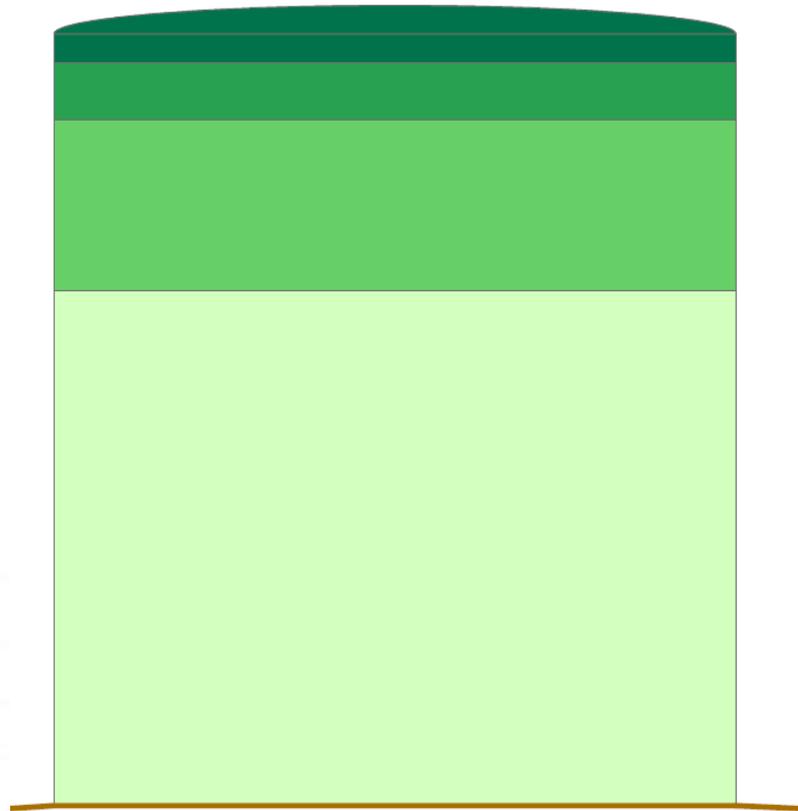


# Demolition of Dwelling

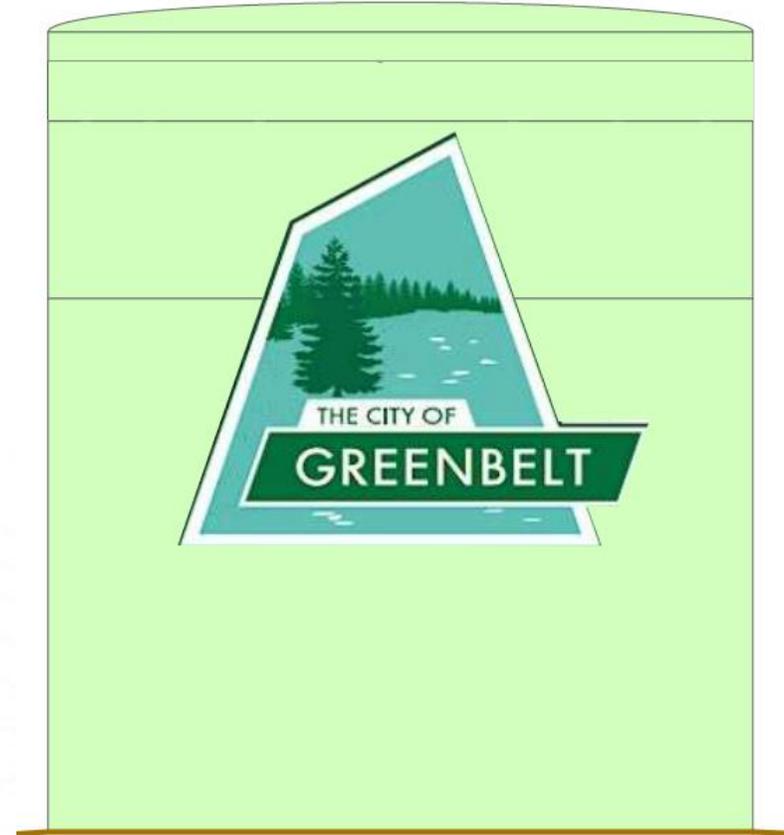
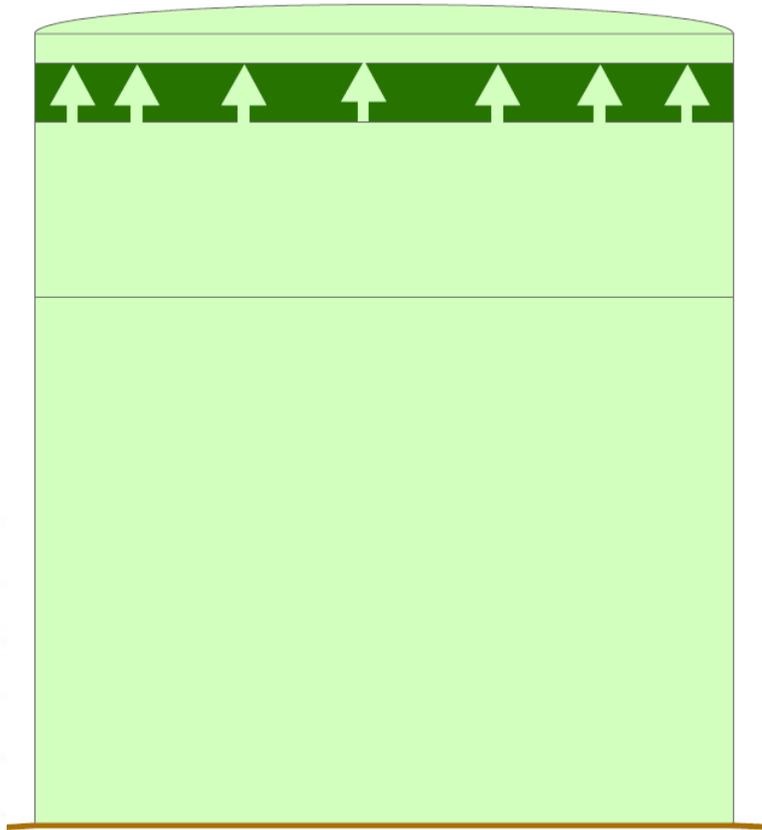
- **Hazardous Materials Report**
  - Lead Paint
  - Asbestos
- **Hazardous Materials Mitigation**
  - **Critical Barriers**
  - **Negative air filtration (4 changes per hour)**
  - **Three chamber decontamination system attached to entrance**
- **Material will be wet prior to removing**
- **Debris vacuumed with HEPA vacuums**
- **3rd Party Industrial Hygienist**
  - **Visual Inspection**
  - **Environmental monitoring**
- **Notification to the State of Maryland prior to work**



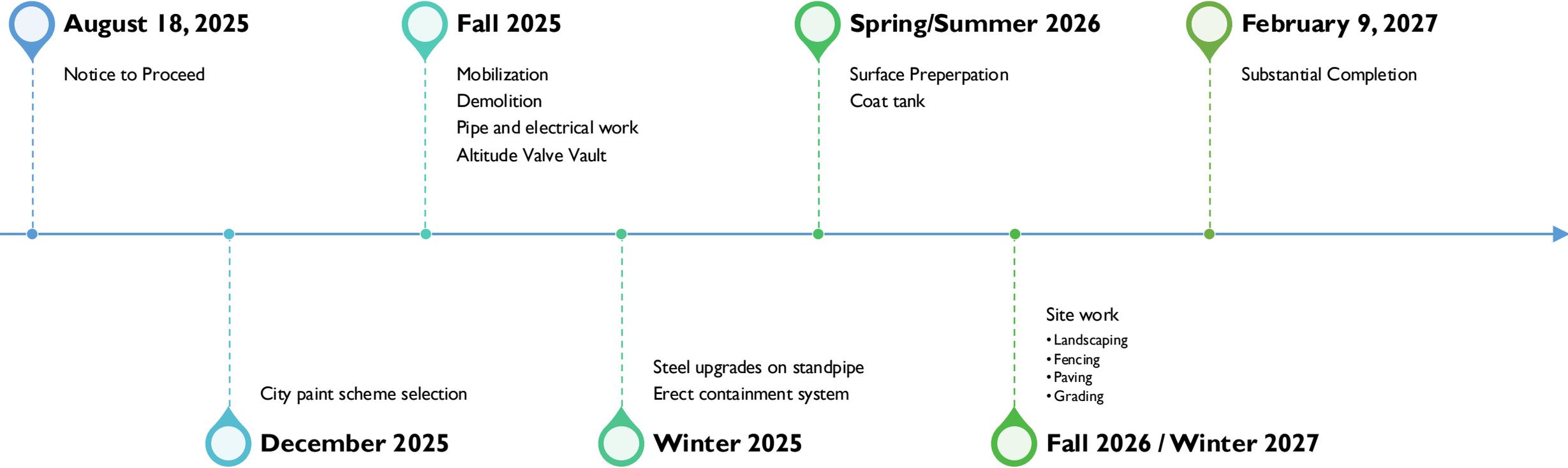
# Painting Schemes



# Painting Schemes



# Estimated Project Schedule





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

Monday-Friday, 8:00 a.m. to 6:00 p.m.



**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](http://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

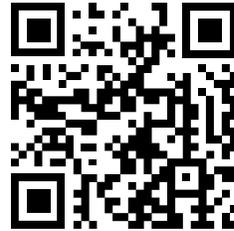
Report Water/Sewer Emergency

# Helping Our Neighbors: Water Bill Assistance



## Promise.

Sign up for an affordable, flexible and interest-free payment plan. **Customers with a past-due balance of \$50 or more are eligible.**



## CUSTOMER ASSISTANCE PROGRAM (CAP)

CAP assists approved residential customers by **waiving fixed fees**, providing **free annual leak investigations** and **much more.**



Eligible customers can access the Water Fund multiple times, **up to \$500 per year.**



## PipeER+

Provides a loan **up to \$10,000** to finance the repair, replacement or diagnostics of sewer or water on-property service line. The WSSC Federal Credit Union administers PipeER.



[wsscwater.com/assistance](http://wsscwater.com/assistance)



# Behind on your WSSC Water bill? **Get Current**



Pay Half of  
Full Account  
Balance



Remaining  
Balance

=

**\$0.00<sup>+</sup>**



**100%**

late payment charges  
& turn-on fees **WAIVED**

**BUT WAIT, THERE'S MORE!**

Additional enhancements at

[wsscwater.com/getcurrent](https://wsscwater.com/getcurrent)

APPLY TODAY -

Extended through 11/30/25



**Questions?**

