

PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET

PROJECT INFORMATION

Project Name: Water Storage Tank Maintenance Program
CIP Number: WST-110
JDE Number(s): Not Assigned
Location: County Wide
Pressure Zone: Multiple
Sewershed: Multiple
Magisterial District: Multiple
Criteria: 1, 2, 3, 5
Project Estimate: Order of Magnitude
Estimate By: Operations and Management Division

PROJECT DESCRIPTION

Project Description: Repair and rehabilitation of water storage tanks from defects including peeling paint, rust, pitting, and delaminating of the surface coat from the primer coat. In addition, this project will install mixing systems as required while tanks undergo refurbishment. Other components that are upgraded as needed include lighting, fencing, control valves, and SCADA systems. The storage tanks scheduled for rehabilitation during this 5-year CIP period include Manassas Southside (T24), Braemar (T26), Interstate (T22), Dominion Valley (T30), and Nottoway (T28). The timing and execution are subject to change based on operational needs and priorities.

Project Benefit: Preserve and extend the economic life of each water tank. In addition, the project will prevent stagnation of water within the tank with the installation of mixing systems.

Source Derivation: Engineering and Planning, Operations and Maintenance Divisions

PROJECT PICTURE



PROJECT FUNDING

PRE-FY20	FY20	FY21	FY22	FY23	FY24	POST-FY24	TOTAL
200	1200	1200	1200	1200	1200	0	6200

Proposed Funding Sources	
Exp. Fund (02) – Availability Fees	-
Commit. Fund (03) – Availability Fees	-
Repl. Fund (04) – User Rates	100%
Other Contrib. – Development Contributions	-
PROJECT TOTAL	100%

**Nottoway Water Storage Tank
Rehabilitation
Project Summary**

FREQUENTLY ASKED QUESTIONS

1. What is the timeline of the project?

The project is scheduled to begin in late January 2024 and end in July 2024.

2. What is involved with the tank rehabilitation project?

The rehabilitation project will involve sandblasting and painting the interior of the tank, repainting the exterior of the tank, the installation of a mixer and probes to maintain drinking water quality, performing general repairs, making improvements to bring the tank into compliance with the latest Occupational Safety and Health Administration code requirements and general replacement of operational valves, gages, transmitter to assist in regulating pressure in the water system.

3. Why is the Service Authority doing this project?

In 2014, the Service Authority began a rehabilitation program for its water storage tanks. Rehabilitating a water tank preserves the life of the structure and maintains the quality of drinking water for our customers. After the Interstate Water Storage Tank rehabilitation is complete, the Service Authority will clean and inspect the facility every three to five years before performing a full condition assessment after 15 years.

4. Will the rehabilitation project affect my water service or water pressure?

No.

5. Will there be a difference in the taste or odor of my water during the project or after it is finished?

No, this project will not affect the taste or odor of your drinking water.

6. Where will the project contractor park vehicles?

The contractor will park vehicles at the project site or near the entrance to the site along a Service Authority-maintained access road.

7. What are the approved work hours for this project?

The project work hours are 7 a.m. to 5 p.m., Monday through Friday, excluding Prince William County-recognized holidays. The contractor can only work extended weekday hours or weekends with specific, advance approval from the Service Authority.

8. Will the project have any other impacts on the surrounding residential community?

Yes. There will be some moderate noise during the sandblasting and painting processes.

9. Where can I get more information about the project?

- Visit the project website at www.pwcsa.org/WaterTankRehab
- Email Project Manager Micah Archibald at marchibald@pwcsa.org
- For immediate assistance regarding a water service issue, contact the Service Authority's Emergency Dispatch at (703) 335-7990