

PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET

PROJECT INFORMATION

Project Name: Tank Re-Chlorination Program
CIP Number: WST-111
JDE Number(s): Not Assigned
Location: County Wide
Pressure Zone: Multiple
Sewershed: Multiple
Magisterial District: Multiple
Project Estimate: Order of Magnitude
Estimate By: Operations and Management Division

PROJECT DESCRIPTION

Project Description: Residual Control System (RCS) is a management system that provides an intelligent, automated disinfectant boosting system that provides the ability to set, control, and maintain cost-effective chlorine residual levels in our water storage tanks. In addition, the project will install the management system, controls, and ancillary equipment. Other Components that are upgraded as needed are electrical equipment, tank mixing system, and thermal probes to monitor mixing. The storage tanks scheduled for an RCS during this 5-year CIP period include Dominion Valley (T-30), Manassas South (T-24) and Haymarket (T-20). The timing and execution are subject to change based on operational needs and priorities.

Project Benefit: This project provides an important safeguard against the risk of subsequent contamination after treatment, a unique and significant benefit for public health.

Source Derivation: Operations and Maintenance Division; Managed by Operations and Maintenance Division

PROJECT PICTURE



PROJECT FUNDING

PRE-FY22	FY22	FY23	FY24	FY25	FY26	POST-FY26	TOTAL
630	450	550	450	550	450	0	3080

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%

**Dominion Valley 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, 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 Dominion Valley 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.

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 the 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