

**PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET**

**PROJECT INFORMATION**

**Project Name:** Tank Re-Chlorination Program  
**CIP Number:** WST-111  
**JDE Number(s):** Multiple  
**Location:** County Wide  
**Pressure Zone:** Multiple  
**Sewershed:** Multiple  
**Magisterial District:** Multiple  
**Project Estimate:** Order of Magnitude  
**Estimate By:** Operations and Maintenance 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 water storage tanks. In addition, the project shall 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 system during this 5-year CIP period include Braemar (T-26), Haymarket (T-20), Manassas Southside (T-24) and Landfill (T-31). 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 the Project Management Office.

**PROJECT PICTURE**



**PROJECT FUNDING**

PRE-FY24	FY24	FY25	FY26	FY27	FY28	POST- FY28	TOTAL
0	1315	1200	1200	1200	230	0	5145

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