

**PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET**

**PROJECT INFORMATION**

**Project Name:** Occoquan River Crossing  
**CIP Number:** REG-1  
**JDE Number(s):** 22WFWM8104, 24WFWM8104  
**Location:** Eastern PWC, Occoquan River  
**Pressure Zone:** Eastern Water System  
**Sewershed:** Multiple  
**Magisterial District:** Multiple  
**Project Estimate:** OPCC  
**Estimate By:** Fairfax Water and the Engineering and Planning Division

**PROJECT DESCRIPTION**

**Project Description:** Design and construction of dual 700-foot long 42-inch steel water mains within a 400-foot long tunnel, 2,400 feet of 36-inch water main for redundancy to an existing transmission main, and an additional finished water pump at Fairfax Water’s Griffith Water Treatment Plant to facilitate a new subaqueous crossing of the Occoquan River. This project also includes the replacement of a deficient segment of existing 24-inch water main and a new interconnection near Horner Road along the transmission main corridor in Prince William County. This project will connect transmission facilities on either side of the river that supply the SA’s Eastern Water System and three proposed Eastern Area control valve vaults.

**Project Benefit:** This new transmission main will replace the aging, pressure restricted 30-inch concrete pipe that has been in service for over 60 years. This transmission main shall also increase capacity and enhance system reliability and availability for SA customers in the Eastern Water System.

**Source Derivation:** Engineering and Planning Division; Managed by Fairfax Water and coordinated at the Service Authority by the Project Management Office.

**PROJECT PICTURE**



**PROJECT FUNDING**

PRE-FY24	FY24	FY25	FY26	FY27	FY28	POST- FY28	TOTAL
6617	12566	12566	0	0	0	0	31749

Proposed Funding Sources	
Exp. Fund (02) – Availability Fees	30%
Commit. Fund (03) – Availability Fees	-
Repl. Fund (04) – User Rates	70%
Other Contrib. – Development Contributions	-
<b>PROJECT TOTAL</b>	<b>100%</b>