



# About the Potomac Interceptor

## Segments

The Potomac Interceptor (PI) system consists of various segments including the PI main trunk, the Maryland Upper Potomac Interceptor (MUPI), and the Maryland Spur.

- The PI main trunk is located in Maryland and Virginia.
- Within Maryland, the PI main trunk line is located within Montgomery County and a portion of it is paralleled by the 36-inch MUPI.
- The PI main trunk line crosses over into Virginia immediately upstream of Great Falls. Further upstream, the Maryland Spur crosses the river into Montgomery County in the vicinity of Luvie Court where it serves customers within the Muddy Branch and Watts Branch basins.
- The segment from the District of Columbia border conveys flow from the PI main trunk sewer and other service connections to the Blue Plains Advanced Wastewater Treatment Plant in the District of Columbia.

The District of Columbia Water and Sewer Authority (DC Water) operates and maintains the PI system and Maryland Spur, with the exception of the MUPI, which is operated and maintained by WSSC Water.

## Jurisdictions served by the Potomac Interceptor

- Town of Vienna (VA)
- Loudoun County (VA)
- Fairfax County (VA)
- Washington Dulles International Airport
- Washington Suburban Sanitary Commission (WSSC Water)
- National Park Services
- Navy Yard

## Multi-Jurisdictional Agreement

Under a long-standing agreement called the Blue Plains Intermunicipal Agreement (IMA) of 2012, and associated technical memos, the cost share allocation for MJUFs (Multi-Jurisdictional Use Facilities) is established based upon the proportionate capacity allocated within the pipeline in the various segments. The Potomac Interceptor (PI) is designated as a MJUF.

Since DC Water has no flow contribution, and therefore has no capacity needs, the costs for the ongoing work to address the Potomac Interceptor failure will be allocated to those jurisdictions outside of the District of Columbia including WSSC Water. A portion of WSSC Water's share is sub-allocated to the City of Rockville. The break is in a portion of the PI referred to as "Rock Run." In this portion of the PI, the WSSC Water capacity-based cost share is 30.9% and Rockville would have a 15.87% cost share of the WSSC Water share.

## **Planned PI Work in WSSC Water Service Area\***

1. **PI-00 - Manhole (MH) 18 - MH19** - High priority segment; scope is 800 linear feet of lining work; DC Water conveyed that this project has been underway since October 2025 with a target completion of April 2026; as of January update this was 85% complete; WSSC Water Cost Share of 30.9%.
2. **PI-01 - Rock Run Segment (BREAK IS IN THIS SEGMENT)**- immediately downstream of PI-00; January 2026 briefing schedule showed design started in November 2024 with a target completion of December 2026 and construction to start in January 2027 with target completion in December 2028 - February 3rd briefing showed RFP July 2026 and construction Spring 2027 to Fall 2029 - will inquire further about the schedule change and the budget now \$95 to \$135M; same cost share
3. **PI-03 Cabin John Section** - estimate is \$150M-\$210M with target RFP in July 2027; cost share to be confirmed.

**\*Provided by DC Water February 3, 2026.**

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