



# POTOMAC RIVER TUNNEL

DC Water's Clean Rivers Project

Fact Sheet

## PROJECT OVERVIEW

The Potomac River Tunnel is the next major phase of the DC Clean Rivers Project. The project consists of a large-diameter deep sewer tunnel, diversion facilities, drop shafts, and support structures to capture flows from existing combined sewer overflows (CSOs) along the Potomac River and convey them to the Blue Plains Advanced Wastewater Treatment Plant. The project is needed to reduce CSOs that contribute to water quality impairment of the Potomac River and ultimately the Chesapeake Bay; and to comply with the 2005 Federal Consent Decree entered by DC Water, the District of Columbia, the US Environmental Protection Agency, and the US Department of Justice, as amended in January 2016.

CSOs are released into the Potomac River from CSO Outfalls during rainfalls that exceed the capacity of the system. CSOs impair water quality by increasing water bacteria levels, contributing to low dissolved oxygen impacting aquatic life, and increasing the amount of trash in waterways. An estimated 654 million gallons of CSOs currently enter the Potomac River in a year of average rainfall. The proposed controls are estimated to reduce the volume of CSOs to the Potomac River by 93% and reduce their frequency from approximately 74 events to 4 events in a year of average rainfall.

The Potomac River Tunnel Construction is anticipated to begin in Early 2024 and end in 2030.

## ANTICIPATED PROJECT SCHEDULE (SUBJECT TO CHANGE)



See site locations on next page

Construction durations at each site range from 2-6 years.

# POTOMAC RIVER TUNNEL

## Fact Sheet

DC Water's Clean Rivers Project

### LEGEND

-  Potomac River Tunnel
-  Anacostia River Tunnel System
-  Construction Site With Diversion Facility
-  West Potomac Park Site
-  Connection to Blue Plains Tunnel and JBAB Overflow Site



### SITE LOCATIONS

- CSO 029**  
Georgetown University: West of Canal Road Entrance
- CSO 028**  
Georgetown: Capital Crescent Trail west of Aqueduct
- CSO 027**  
Georgetown: Georgetown Waterfront Park
- CSO 024**  
Georgetown: K St NW and 30th St NW
- CSO 022**  
Rock Creek Trail west of the Watergate Complex
- CSO 021**  
Victura Park at Kennedy Center
- CSO 020**  
West side of the Park at Lincoln Memorial
- West Potomac Park**  
West Potomac Park Field #7
- Tunnel Connection to JBAB**  
Riverfront location at Joint Base Anacostia-Bolling

### SCOPE OF WORK

- Construction of 5 large shafts and 3 drop/vent shafts
- Installation of overflow structures at West Potomac Park and CSO 028
- Construction of diversion structures
- Construction of an approximately 5.5 miles, 18-foot diameter underground storage tunnel
- Construction of adits to tunnel

### PROJECT CONTACT INFORMATION

Project Email:  
[dcpotomacrivertunnel@dcwater.com](mailto:dcpotomacrivertunnel@dcwater.com)

Project Website:  
[www.dewater.com/prt](http://www.dewater.com/prt)

Dedicated Project Hotline:  
202-972-1388

DC Water 24-hour Emergency:  
202-612-3400

