

## DC CLEAN RIVERS PROJECT – CSO 049 PINEY BRANCH PRELIMINARY GEOTECHNICAL INVESTIGATION

The CSO 049 Piney Branch Storage Project is a major component of the DC Water Clean Rivers Project and will reduce the volume of Combined Sewer Overflows to the Potomac River and improve water quality. DC Water is performing preliminary investigations to understand the soil, rock, and groundwater conditions along the future project alignment.

DC Water will be conducting geotechnical investigation activities on the south side of Piney Branch Parkway NW to evaluate subsurface conditions and provide information for the overall project Environmental Assessment (EA). The DC Clean Rivers Project Team is performing preliminary subsurface exploration consisting of drilling four geotechnical borings and collecting subsurface information as part of the overall planning effort for CSO 049. Boring work will include advancing 6-inch diameter boreholes into the ground and collecting soil, rock, and groundwater samples, and installing geotechnical monitoring instruments in the boreholes.



DC Water's contractor will use a drill rig (pictured) that is approximately 7 feet wide, 15 feet long, and 10 feet tall during the process. Support vehicles (pick-up trucks) will also deliver staff and supplies to each boring site. Borings will be finished at the surface with a flush-mount well cover. Before the team demobilizes from the site, they will clean the work area, remove all drilling equipment and debris, and restore the pavement or grass.

The purpose of a geotechnical investigation is to:

- Confirm the feasibility of the tunnel at CSO 049 on the south side of Piney Branch Parkway NW.
- Investigate subsurface conditions at two low lying areas that could have inadequate rock cover.

Work will begin, permits and weather permitting, on the week of October 3, 2022, between 7:00 a.m. to 7:00 p.m. on weekdays. The worksite will remain in place until the boring work is completed. The drilling process is estimated to take 6 weeks, contingent upon weather.

Please see traffic and other important information below.

### IMPORTANT INFORMATION

- DC Clean Rivers Project Team field staff will be onsite full-time to closely monitor drilling activities, noise and vibration, and dust.
- DC Clean Rivers Project Team field staff and flaggers will be onsite full-time to lead the drill rig along the trails and direct people around the vehicle.
- Work will not be performed on District holidays or weekends.

## Project Map: Piney Branch Parkway NW (between Park Road NW and 17<sup>th</sup> Street NW)



### FOR MORE INFORMATION, PLEASE CONTACT:

CSO 049 Piney Branch Project Public Outreach Coordinator

Chinaka A. Young, [cyoung@dcwater.com](mailto:cyoung@dcwater.com), 202-302-3202

Hadiyah Jordan, [Hadiyah.Jordan@dcwater.com](mailto:Hadiyah.Jordan@dcwater.com), 202-787-4717

Clean Rivers Project Email: [dccleanrivers@dcwater.com](mailto:dccleanrivers@dcwater.com)

DC Clean Rivers Project Website: [dcwater.com/pbs](http://dcwater.com/pbs)