

City of Alexandria, VA

Department of Transportation and Environmental Services

Oronoco Outfall Remediation Project Update

July 2020 through June 2021

Recent stormwater sampling and monitoring results continue to indicate that 2019 repairs to the Oronoco Street stormwater pipe have been successful in reducing or eliminating coal tar infiltration. Site investigations to locate and install new coal tar recovery wells completed in March and April 2021 were highly successful in significantly increasing rates of coal tar recovery around and beneath the stormwater pipe.

The groundwater treatment system installed in 2013 continued to perform well and semi-annual groundwater sampling campaigns were conducted and reported to the VDEQ.

The City is developing a long-term maintenance and monitoring plan that will include regular inspection of the Oronoco outfall pipe. The City continues to operate and maintain the boom system to prevent unexpected sources of coal tar from contaminating the Potomac River. In early 2021, the City installed a debris guard at the end of the outfall pipe to prevent tidal related ingress of tree and other debris from the Potomac. This is anticipated to facilitate future camera surveys of the pipe and reduce the potential for pipe damage.