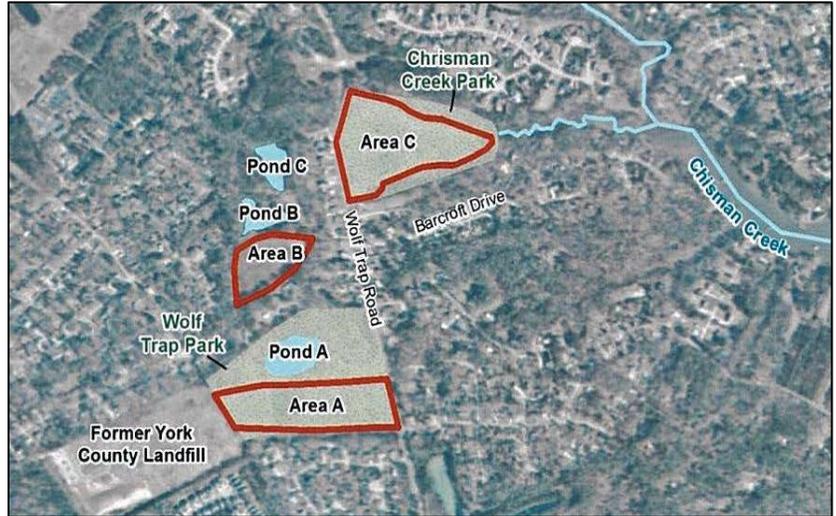


**Site Updates: May – August 2021**

EPA continues oversight of the potentially responsible party Dominion’s cleanup. The following actions were completed:

- Dominion installed several piezometers and transducers as part of the current Area C Remedy Optimization Study.
- EPA, VADEQ, and Dominion conducted a Site inspection as part of the Five-Year Review process.
- Dominion submitted the Area C Trench Performance Review and Human Health Risk Assessment for EPA review and approval.
- Minor erosion was identified at Area C which York County repaired and seeded.



*Chisman Creek Superfund Site*

**What are Piezometers and Transducers?**

A piezometer is an instrument for measuring the pressure of a liquid or gas, or a measurement related to pressure (such as the compressibility of liquid). At this site, piezometers are used to monitor the pressure and depth of groundwater.

A transducer is a device that converts energy from one form to another. At this site, transducers are submersed in wells to monitor groundwater pressure.

**Community Q&A**

1) What is the current sampling schedule for all media? Sampling is performed by Dominion, with EPA oversight, on the following schedule:

2) How much water is being discharged to the Hampton Roads Sanitation District (HRSD) sewer system?

The metered wastewater flow from July 2021 was 1,318,590 gallons. Since 1989, HRSD has received over 228 million gallons.

Media	Frequency	# of sample locations
Groundwater	Semi-annual	10
Surface Water	Quarterly	8
Sediment	Annual	8

## About the Chisman Creek Site

The Chisman Creek Site located on Wolf Trap Road in York County, consists of three abandoned sand and gravel pits where over 500,000 tons of fly ash and bottom ash from the Yorktown Power Generating Station were disposed from 1957 to 1974. As a result, EPA added the Site to the Superfund Program's National Priorities List (NPL) in September 1983. The site includes the three fly ash pits as well as groundwater, three freshwater ponds, a freshwater tributary stream, and the Chisman Creek estuary.

EPA selected a remedy for the three fly ash pits in 1986 which was then modified in 1994. The remedy includes a low-permeability cap in Area C, a soil cap in Area A and Area B, and horizontal groundwater extraction wells in Area C. Contaminated groundwater collected by the extraction wells is then sent to the Hampton Roads Sanitation District sewer system for treatment. In 1998, EPA selected a remedy for the ponds, stream, and estuary, which included a monitoring program for the stream, ponds, and estuary.

For more information, visit: [www.epa.gov/superfund/chismancreek](http://www.epa.gov/superfund/chismancreek), or scan the QR code below with your smartphone.

## Community Technical Assistance Resources

EPA provides additional assistance to communities through a variety of technical assistance resources. These resources include the Technical Assistance Grant (TAG) program, the Technical Assistance Services for Communities (TASC) program, and Community Advisory Group (CAG) formation support. For more information on these resources, please visit: [www.epa.gov/superfund/superfund-technical-assistance-communities](http://www.epa.gov/superfund/superfund-technical-assistance-communities).



### ***Would you like to receive periodic site updates via email?***

Sign up for the Chisman Creek Superfund Site email list by contacting us:

#### **Karla Guerrero-Oliveras**

EPA Remedial Project Manager  
Email: [guerrero.karla@epa.gov](mailto:guerrero.karla@epa.gov)  
Phone: 215-814-3378

#### **Meg Broughton**

EPA Community Involvement Coordinator  
Email: [keegan.megan@epa.gov](mailto:keegan.megan@epa.gov)  
Phone: 215-814-5494



*Wolftrap Park | December 2019*



*Commanding Officer, Naval Weapons Station Yorktown  
announces the Change of Command  
at which*

*Captain Jason J. Schneider, United States Navy  
will be relieved by*

*Captain Christopher T. Horgan, United States Navy  
on Friday, the twenty-fourth of September*

*(Regrettably, due to HPCON restrictions, this event is limited to family and NWSY staff only.)*

V/r,  
Susanne Greene  
NWS Yorktown PAO