



# ***Facts About...***

Former Wye Mills Substation  
(Voluntary Cleanup Program)

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## **Site Location:**

This 2.34-acre property is located in a residential area of Wye Mills in Queen Anne's County and is currently vacant. The property is improved with a concrete block building and a chain link fence with a gate. The concrete foundations of numerous transformers and other electrical equipment still exist at the property. Surface water flows west across the property towards Wye Mills Lake. The properties surrounding the site are served by private wells and septic systems. The property is not served by any utilities.

## **Site History:**

The Eastern Shore Public Service Company of Maryland (subsequently acquired by Delmarva Power and Light) purchased the property in 1950 and Delmarva Power and Light (a subsidiary of Conectiv) currently owns the property.

## **Environmental Investigations and Actions:**

A soil investigation was performed at the property in February 2002 concentrating on polychlorinated biphenyls (PCBs). A total of 75 shallow (0-1 foot below grade) soil samples were collected and analyzed for PCBs and total petroleum hydrocarbons (TPHs). One sample detected low-level PCB contamination.

In October 2003, a second environmental investigation included sampling of the soil and groundwater. These samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides and metals. The result of this sampling indicated levels of arsenic above the Maryland Department of the Environment (MDE) non-residential soil standard. Four groundwater samples were collected at the property and analyzed for the parameters listed above. Aluminum, iron and manganese were detected at levels above the Maryland Department of the Environment (MDE) groundwater standard.

Additional sampling was conducted in 2008, which indicated that the property was not impacted by PCBs.

## **Current Status:**

On August 6, 2004, the Delmarva Power and Light Company submitted a Voluntary Cleanup Program (VCP) application for the property seeking a no further requirements determination (NFRD) as a responsible person. On September 7, 2004, the Department requested additional information to complete the application package. There are no current plans for redeveloping the site. On August 3, 2009, the applicant withdrew from the VCP prior to issuance of the NFRD.

## **Contact:**

For additional information, please contact the Land Restoration Program at (410) 537-3493.

**Last Update:** August 11, 2009

