



Facts About...

Frederick Board of Education Property (Voluntary Cleanup Program)

Site Location

The 7.09-acre Frederick Board of Education (FBOE) property is located at 7630 Hayward Road in Frederick, Frederick County, Maryland. The property is Lot 26A and is bounded to the south by Hayward Road and a parking lot beyond owned by Plantronics, Inc. (Lot 27), which has completed the Voluntary Cleanup Program (VCP) and received a No Further Requirements Determination (NFRD). The FBOE property is bounded to the north, west and east by industrial facilities.

Site History

The FBOE property was used to manufacture vending machines from 1963 to 1965. From 1965 to 1986, the facility manufactured telecommunications equipment, which involved electroplating and painting operations. From 1986 until 1989, the facility was used for the design, assembly and shipping communications equipment. The property was sold to the FBOE in 1990 and is currently used for office space. Some of the building is leased to other tenants.

Metals (including tin, lead, copper, nickel, and gold) and organic solvents (including 1,1,1-trichloroethane, xylene, toluene and freon) were likely used during the electroplating process from 1965 to 1986. Prior to 1967, process wastewater was reportedly discharged to the ground surface. From 1967 to 1974, process rinse water and other waste was discharge to a 15 to 20 feet deep dry well located near the northwest corner of the main building. Beginning in 1974, wastewater was containerized for off-site disposal while the discharge of process rinse waters to the dry well continued until 1978. In 1978, a wastewater treatment system was installed and the treated effluent was discharged to the municipal sanitary sewer system.

Environmental Investigations and Actions

An environmental assessment of the property was completed in 1993. Five wells were present on the property that had supplied rinse water from 1977 to 1982. No environmental investigations have been completed on Lot 27 with the exception of one sample collected in 1993 from a former water supply well in the southeastern portion of the property. A groundwater sample collected from a well located on the western edge of Lot 27, identified trichloroethene at 17.9 ug/L.

In 2005, additional soil and groundwater samples were collected at the property. Soil samples indicated elevated levels of lead in the surface soil located near the dry well and the presence of volatile organic compounds (VOCs) above the maximum contaminant levels (MCLs) in the groundwater beneath the property.

Current Status

On June 28, 2005, Plantronics, Inc. submitted an application for the FBOE property to the VCP seeking a No Further Requirements Determination for commercial use of the property. The property was accepted into the



VCP on December 22, 2005. A proposed Response Action Plan (RAP) was submitted on March 27, 2006 to address the elevated levels of lead in the surface soil. A public informational meeting was held on May 25, 2006. On July 13, 2006, the VCP approved the RAP. Plantronics, Inc. proceeded with implementation of the approved RAP. On October 16, 2006, the VCP issued a Certificate of Completion to Plantronics, Inc. for the property. The COC included requirements for use of the property for restricted commercial or restricted industrial purposes and prohibited the use of the ground water beneath the property for any purpose. The COC was reissued on November 30, 2006 for purposes of recording purposes.

Contact

Jim Metz

Maryland Department of the Environment
Voluntary Cleanup/Brownfields Division

(410) 537-3493

Last Update: September 28, 2007

