



Maryland Department of the
Environment

FACTS ABOUT: Sunshine Cleaners

Site Location

The Sunshine Cleaners site is a former laundry and dry cleaning facility located at 101 River Road situated in a predominantly residential area of southern Federalsburg, Caroline County. The flat, rectangular 1.5-acre grassy site contains one 9,076 square foot building and the remnants of a small cinder block building.

Site History

The Sunshine Cleaners facility was identified in the June 2008, *Maryland Dry Cleaners Initiative Report* as a Level I Priority Dry Cleaner Initiative site. Level I priority sites are defined as those operating for more than 15 years in a designated wellhead protection area. Dry cleaning operations at the Sunshine Cleaners facility began sometime prior to 1923, according to Sanborn Fire Insurance Maps, through sometime in 1997. The site is currently unused.

Environmental Investigations

On October 24, 2005 John D Hynes & Associates, Inc. completed the *Report of Limited Subsurface Evaluation Services* for the current property owner at that time to investigate subsurface conditions near a 6,000 gallon heating oil underground storage tank (UST) and a 300 gallon gasoline UST. Results from the chemical analyses of the soil samples collected detected low levels of diesel range organics (DRO) at 29 mg/Kg, gasoline range organics at 420 µg/Kg and tetrachloroethene (PCE) at 21 µg/Kg.

On October 24, 2006, in response to the removal on the USTs on site, MDE's Oil Control Program (OCP) opened case number 07-0318CO. During the tank removal, organic odors were detected from the bottom of the heating oil tank excavation. The soil samples collected from the excavations were analyzed by Maryland Spectral Services, Inc. Low levels of DRO at 14 mg/Kg and PCE at 21 µg/Kg were identified beneath the former 6,000 gallon heating oil UST. As a result, the OCP case was closed on February 9, 2007.

In August 2010, MDE completed a Site Inspection that identified elevated levels of tetrachloroethene, trichloroethene and vinyl chloride in the shallow groundwater beneath the site. Tetrachloroethene was detected in soil at 13,000 µg/Kg. Since use of the shallow groundwater in the region is prohibited due to high nitrate levels, MDE



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recommended no further investigation of the site by EPA. Based on the elevated potential health risks from vapor intrusion, MDE had further requirements for this site. Under oversight by MDE CHS Enforcement, an indoor air quality investigation was performed by the owner with results that were below the regulatory levels.

Current Status

MDE is in the process of issuing a No Further Action letter once the site owner records an Environmental Covenant in the land records with activity use limitations, including groundwater use restrictions to manage the residual contamination.



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