



Facts About...

3545 Fairfield Road
(Voluntary Cleanup Program Site)

Site Location

This 21.57-acre property is currently covered with gravel and soil and used as a new vehicle temporary storage lot. The property is located in the Fairfield section of Baltimore and is bounded to the north by a petroleum bulk storage facility and an asphalt products plant, to the east by a grass-covered lot, to the south by petroleum bulk storage facilities and to the west by an asphalt products office and petroleum pipeline delivery facility. The property is not located in a groundwater use area.

Site History

In 1924, a barrel factory, railroad spur and two aboveground storage tanks (ASTs) were located on the property. In 1928, use of the property remained unchanged with the exception of another AST and additional rail spurs. In 1936, the property was part of a larger tract owned by the Inter-Ocean Oil Company and Asphalt Refinery. The barrel factory and rail spurs remained and the northern portion of the property was occupied by a tank farm. In 1946, the barrel factory and ASTs were no longer present and the northwest portion of the property was occupied by a small laboratory building. From 1951 through 1953, the property was part of a larger tract owned by the Sinclair Refining Company and was unused with the exception of a small office used by Seaboard Asphalt Products. From 1971 through 1979, the property use remained unchanged from the 1950s.

In the late 1970s, the property was used for stockpiling iron ore. The ore remained on-site until removal in the mid-1990s.

Environmental Investigations and Actions

In 1996, an environmental assessment of a neighboring property included the collection of two slag samples from the iron ore remaining on the property. One sample contained iron at 68,600 mg/kg. The assessment also identified the presence of both dissolved-phase and free-product petroleum hydrocarbons at the southern property boundary from the adjacent petroleum terminal.

In May 2003, a Phase I environmental site assessment documented the site history and identified the historic use of the property and the surrounding petroleum industry as recognized environmental conditions.

In November 2004, a limited subsurface investigation included completion of 20 soil borings for the collection of soil and groundwater samples. Diesel range organics (DRO) were present in 13 of the 14 groundwater samples collected at the property. Gasoline range organics (GRO) were present in only one sample. DRO, arsenic and mercury were also identified in the soil at the property.

In June 2005, an additional subsurface investigation included surface soil sampling for metals, elemental mercury, DRO, GRO, semi-volatile organic compounds and limited groundwater sampling for DRO. One soil gas sample was also collected from the proposed building location. The groundwater samples confirmed the presence of DRO beneath the northwest corner of the property.



Current Status

Chesapeake Real Estate Group, LLC applied to the Voluntary Cleanup Program on May 16, 2005 seeking a Certificate of Completion as an inculpable person. A No Further Requirements Determination was issued on September 26, 2005 for use of the property for commercial or industrial use with a prohibition on the use of the groundwater beneath the property for any purpose.

Contact

James Metz Voluntary Cleanup/Brownfields Division (410) 537-3493

Last Update: November 2, 2005

