



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

## **IEI Property (Voluntary Cleanup Program)**

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### **Site Location**

The 4.62-acre IEI property is located at 8335 Telegraph Road in Odenton, Anne Arundel County, Maryland. The property is located primarily on the eastern side of Telegraph Road, with a smaller portion consisting of asphalt-covered parking lot located on the western side of Telegraph Road. The eastern portion of the property is primarily covered by an 110,400 square foot warehouse facility. Commercial/industrial business parks, automobile repair and storage facilities, and residential areas surround the property. Although the property is served by public utilities, the fire suppression system shared with the adjacent property is supplied by several off-site supply wells screened in the Patuxent aquifer at depths ranging from 146 to 680 feet below grade. A northeasterly flowing tributary to Picture Springs Branch is located approximately 200 feet northwest of the property.

### **Site History**

In the late 1940s, the National Plastic Products Company constructed a building on the eastern portion of the property that was formerly a wooded area with railroad spurs leading to the railcar repair facility located on the adjacent Nevamar property. Subsequent expansions of the Nevamar facility lead to the creation of a party wall along the two buildings on IEI's southern property boundary. A three-story addition, including a basement level, was added to the northern portion of the IEI building in the 1970s. The IEI facility was used for extruding plastic into threads and fibers used in various products. Manufacturing operations ceased in the early 2000s. The property is currently a warehouse for plastic pellets for recyclable plastic products. The historical use of the property has included the use and storage of various chemicals including pigments, colorants, solvents and oils.

### **Environmental Actions and Investigations**

A Phase II investigation consisting of ten soil borings and five groundwater samples collected from temporary wells installed with a geoprobe was completed in October 2006. Soil samples were analyzed for priority pollutant metals (metals), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs) and total petroleum hydrocarbons (TPH). Ground water samples were analyzed for priority pollutant metals, VOCs, SVOCs, and total petroleum hydrocarbons (TPH). During environmental investigations conducted in July and November 2006 for the Nevamar property, ground water samples were obtained from MW-1 and MW-7. Both are shallow wells installed on the IEI property during the investigation of the petroleum release at the adjacent Nevamar property.

A passive sub-slab vapor investigation using sorbent modules installed on a 100-foot grid was completed during September and October 2006. Soil gas samples were collected in Tedlar bags at four locations prior to installation of the sorbent modules. In October 2006, two sub slab vapor samples were collected within the IEI building using summa canisters.



In response to the July 24, 2007 Voluntary Cleanup Program (VCP) comments, an additional nine soil borings (metals and SVOCs) and five sub-slab vapor samples using summa canisters were completed in August 2007. Due to elevated levels of chlorinated compounds detected in the sub-slab soil gas samples, the VCP requested that indoor air sampling be conducted. In October 2007, four indoor air samples and one ambient air sample were collected. The results of the environmental investigations revealed the presence of elevated levels of lead and arsenic in the soil and chlorinated compounds in the sub-slab soil gas.

### **Current Status**

On June 5, 2007, S/C Odenton II, LLC, the prospective purchaser of the property, submitted an application to the VCP as an inculpable person seeking a No Further Requirements Determination for future industrial use for the property. The Department is currently reviewing the application package.

### **Contact**

Jim Metz	Maryland Department of the Environment Voluntary Cleanup/Brownfields Division	(410) 537-3493
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**Last Update:** November 1, 2007

