



Maryland Department  
of the Environment

## FACTS ABOUT: HIGH'S STORE NO. 130

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### **ENVIRONMENTAL INVESTIGATION HIGH'S DAIRY STORE NO. 130 4101 NORRISVILLE ROAD, MADONNA HARFORD COUNTY, MARYLAND MDE CASE NO. 2006-0442HA (OPEN)**

#### **SITE LOCATION**

The Maryland Department of the Environment (MDE), Oil Control Program, in coordination with the Harford County Health Department, is evaluating the impacts of methyl tertiary-butyl ether (MTBE) at the High's Dairy Store No. 130, located at 4101 Norrisville Road in Madonna. This High's store, operated by High's of Baltimore, Inc., has been an active gasoline retail station since September 1992, when four underground storage tank (UST) systems were installed: one 10,000-gallon gasoline; two 8,000-gallon gasoline; and one 10,000-gallon compartmentalized diesel/kerosene. The UST system is comprised of double-walled composite steel tanks with fiberglass-reinforced plastic and double-walled flexible plastic piping. The site has Stage I and II vapor recovery systems. Currently, three monitoring wells, four tank field observation pipes, and a transient non-community drinking water supply well are located on-site. Depth to groundwater is between approximately 18 and 25 feet and the groundwater flow direction is northerly.

#### **SITE HISTORY**

In November 2005, the Oil Control Program received groundwater sampling results from the three monitoring wells that were installed pursuant to Code of Maryland Regulations (COMAR) 26.10.02.03-4. MTBE contamination was detected in a monitoring well up to 1,300 parts per billion (ppb). The station's drinking water supply well has been sampled semi-annually since June 2005 and has been non-detect for petroleum constituents.

#### **ENVIRONMENTAL INVESTIGATIONS AND ACTIONS**

To date, several private off-site drinking water supply wells, located in close proximity to the active station, have been sampled by High's and the Harford County Health Department. MTBE impacts have been confirmed above the State's action level of 20 ppb at one private supply well. This supply well was retrofitted with a granular activated carbon filtration system and placed on a routine sampling and maintenance schedule. The other private wells and commercial businesses were non-detect for petroleum constituents or had low levels of MTBE below the State's action level.



## **CURRENT STATUS**

The MDE is working with High's to continue monitoring of the impacted residence. At this time, the MDE does not anticipate expanding the off-site residential sampling effort beyond sampling needed to ensure community safety.

## **FUTURE UPDATES**

- Postings on [www.mde.maryland.gov](http://www.mde.maryland.gov)
- File available at the MDE Headquarters

## **CONTACTS**

- Maryland Department of the Environment – Oil Control Program: 410-537-3442
- Harford County Health Department: 410-877-2321 or 410-877-2322
- High's of Baltimore: 443-859-3636

## **DISCLAIMER**

The intent of this fact sheet is to provide the reader a summary of site events as they are contained within documents available to MDE. To fully understand the site and surrounding environmental conditions, MDE recommends that the reader review the case file that is available at MDE through the Public Information Act. The inclusion of a person or company's name within this fact sheet is for informational purposes only and should not be considered a conclusion by MDE on liability, involvement in a wrongful act, or contribution to environmental damage.

