



**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 (the Department) 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, LLC (High's), 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 composite steel tanks with fiberglass-reinforced plastic (FRP) and double-walled FRP piping. The Stage II vapor recovery system was decommissioned during the summer of 2014. Currently, nine 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 to the north.

#### **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 was detected in all three monitoring wells at concentrations ranging from 9 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 in the area 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 in two private drinking water supply wells. These supply wells were retrofitted with granular activated carbon filtration systems and placed on routine sampling and maintenance schedules. All other private and commercial business wells have been either non-detect for petroleum constituents or have MTBE concentrations below the State action level.



## **CURRENT STATUS**

The Department is working with High's to continue monitoring of the wells in the immediate vicinity of the station. At this time, the Department 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: 410-877-2327
- High's of Baltimore, LLC: 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 the Department. To fully understand the site and surrounding environmental conditions, the Department recommends that the reader review the case file, which can be requested 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 the Department on liability, involvement in a wrongful act, or contribution to environmental damage.