



FACTS ABOUT: EXXON STATION NO. 20025

ENVIRONMENTAL INVESTIGATION EXXON STATION NO. 20025 31 HEATHER LANE, PERRYVILLE CECIL COUNTY, MARYLAND MDE CASE NO. 2006-0489CE (OPEN)

SITE LOCATION

The Maryland Department of the Environment, Oil Control Program (MDE-OCP), has evaluated the impacts of petroleum constituents at Exxon Station No. 20025. This location has supported an active gasoline retail station since 1990, when four underground storage tank (UST) systems were installed: three 12,000-gallon gasoline and one 6,000-gallon diesel. These UST systems comprise double-walled composite steel with fiberglass-reinforced plastic and piping of similar material. This site is equipped with Stage I and Stage II vapor recovery systems. Currently, thirteen overburden monitoring wells (eleven on site and two off site), one bedrock monitoring well (on site), and three tank field observation pipes make up the monitoring well network. Depth to groundwater is between 18.5 and 33.9 feet. Groundwater flow for the central and northern portions of the site is north/northwesterly and groundwater flow on the southern part of the site is south/southeasterly.

SITE HISTORY

In September 2005, the MDE-OCP received groundwater sampling results for the three monitoring wells installed pursuant to Code of Maryland Regulations 26.10.02.03-4. Methyl tertiary-butyl ether (MTBE) was detected in a monitoring well up to 880 parts per billion (ppb). The facility is served by municipal water, although there are private drinking water supply wells on adjacent properties.

ENVIRONMENTAL INVESTIGATIONS AND ACTIONS

To date, several close proximity off-site supply wells have been sampled. 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-OCP is working with ExxonMobil to continue monitoring of the impacted residence. At this time, the MDE-OCP 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
- File available at the MDE Headquarters

CONTACTS

- Maryland Department of the Environment – Oil Control Program: 410-537-3442
- Cecil County Health Department : 410-996-5550
- Exxon Mobil: 1-877-294-8612

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 available at MDE through the Public Information Act. The inclusion of a person or company's name in 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.