



Maryland
Department of
the Environment

FACTS ABOUT: Pantry One Food Mart

GROUNDWATER INVESTIGATION PANTRY ONE FOOD MART 1897 CONOWINGO ROAD, RISING SUN CECIL COUNTY, MARYLAND OCP CASE NOS. 2019-0724-CE (OPEN) and 2004-0700-CE (CLOSED)

SITE LOCATION

The Maryland Department of the Environment's (MDE) Oil Control Program (OCP) received notification of elevated petroleum constituents in the groundwater and is currently evaluating this notification for the Pantry One Food Mart, located at 1897 Conowingo Road in Rising Sun. This facility is owned and operated by Fahmida, LLC and has been an active gasoline retail station since the late 1990s. In August 1999, two underground storage tanks (USTs), currently in use, were installed at the site: a 12,000-gallon gasohol and a compartmentalized 12,000-gallon gasohol, diesel, and kerosene. The USTs are double-walled composite steel with a fiberglass-reinforced plastic outer wall and double-walled flexible plastic piping. In August 2018, the tank containment sumps and boots were replaced and select piping lines were upgraded. Currently, three groundwater monitoring wells and a transient non-community drinking water supply well are located on site.

SITE HISTORY

In October 2003, representatives of the OCP conducted a compliance inspection at the subject facility. Following this inspection, Case No. 2004-0700-CE was opened. In November 2005, MDE received the initial annual groundwater sampling results for the three monitoring wells installed pursuant to the State's high-risk groundwater use area (HRGUA) regulations, Code of Maryland Regulations (COMAR) 26.10.02.03-4. Initial sampling results for the monitoring wells and on-site supply well were below regulatory levels for petroleum constituents. The operational compliance of this station and the groundwater were monitored under Case No. 2004-0700-CE until May 21, 2015, when the case was closed. Based on the location of this facility in a HRGUA area, a contingency of case closure was continued annual monitoring of the on-site drinking water supply well and the groundwater monitoring well network.



ENVIRONMENTAL INVESTIGATION AND ACTIONS

On June 5, 2019, MDE received notification of the detection of a dissolved phase petroleum-related constituent in all three monitoring wells at concentrations exceeding the regulatory standard.

Benzene was detected at concentrations ranging from 6.6 to 220 parts per billion (ppb) during the October 18, 2018 sampling event, which exceed the regulatory standard of 5 ppb. In response to the detections and because of the delay in MDE receiving the October 2018 data, the OCP required the collection of confirmation samples from MW-1, MW-2, and MW-3, and the drinking water supply well. The analytical results for the confirmatory samples collected on June 10, 2019 were non-detect for petroleum constituents in the supply well. The analytical results for the groundwater monitoring well samples exhibited concentrations of the following petroleum constituents above MDE's groundwater standards:

- Benzene in MW-2 and MW-3 ranging from 9.21 to 2,320 ppb, which is above the 5 ppb standard;
- Toluene in MW-2 at 16,100 ppb, which is above the 1,000 ppb standard;
- Ethylbenzene in MW-2 at 2,440 ppb, which is above the 700 ppb standard;
- Xylene in MW-2 at 12,020 ppb, which is above the 10,000 ppb standard; and
- Methyl tertiary-butyl ether (MTBE) in MW-2 at 34.9 ppb, which is above the 20 ppb standard.

CURRENT STATUS

Based on the June 10, 2019 confirmed detections of petroleum constituents, MDE scheduled a full compliance audit of the facility that will include updated UST system tightness testing. In addition, the responsible party, Fahmida LLC, has been directed to sample select private drinking water supply wells in the vicinity of the station. The MDE will evaluate the results of these initial measures and determine if Fahmida LLC will be required to perform additional actions.

FUTURE UPDATES

- Postings available on www.mde.maryland.gov
- File available at MDE's headquarters in Baltimore.

CONTACTS

- Oil Control Program: 410-537-3442 or 1-800-633-6101, ext. 3442
- Cecil County Health Department: 410-996-5550
- Pantry One Food Mart & Gas: 410-658-8557

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, 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 MDE on liability, involvement in a wrongful act, or contribution to environmental damage.