



July 8, 2021

Mr. Aijaz Shaikh  
Fahmida, LLC  
1897 Conowingo Road  
Rising Sun, MD 21911

**RE: SELECT APPROVAL OF REDUCTION IN MONITORING FREQUENCY**

**Case No. 2019-0724-CE**  
**Pantry One Food Mart**  
**1897 Conowingo Road, Rising Sun**  
**Cecil County, Maryland**  
**Facility I.D. No. 11347**

Dear Mr. Shaikh,

The Maryland Department of the Environment's (MDE) Oil Control Program (OCP) completed a review of the case file for the above-referenced property, including the *Groundwater Sampling Report Q1 2021*, dated April 7, 2021. This case was opened following the receipt of sampling data for the three on-site monitoring wells installed pursuant to Code of Maryland Regulations (COMAR) 26.10.02.03-2. Groundwater samples were collected on October 18, 2018 and the sampling results were received by MDE on June 5, 2019. Benzene was detected in all three monitoring wells exceeding MDE's groundwater standard of 5 parts per billion (ppb). Based on the results of the confirmatory samples collected on June 10, 2019, MDE required continued sampling of the monitoring wells and select drinking water supply wells.

The most recent groundwater sampling event was conducted in March 2021. The analytical results for the groundwater samples collected from the monitoring wells continued to exhibit elevated concentrations of the following petroleum constituents above MDE's groundwater standards:


- Benzene in MW-2 and MW-3 ranging from 67.5 to 114 parts per billion (ppb), which exceed the 5 ppb standard;
- Naphthalene in MW-2 at 116 ppb, which exceeds the 1.4 ppb standard; and
- Total petroleum hydrocarbons - gasoline range organics (TPH-GRO) in MW-2 and MW-3 ranging from 140 to 1,550 ppb, which exceed the 47 ppb standard.
- Tertiary-butyl alcohol (TBA) was also detected in MW-2 at 91.1 ppb. Although there is no regulatory standard for TBA, it is a petroleum constituent reported at an elevated level.

Based on the current commercial land use and the available information reviewed for this case, MDE requires the following:

1. MDE approves a reduction in the monitoring well sampling frequency from quarterly to semi-annually (every six months). All samples collected must be analyzed for full-suite volatile organic compounds (VOCs), including fuel oxygenates, ethanol, and naphthalene, using EPA Method 8260 and total petroleum hydrocarbons - diesel and gasoline range organics (TPH-DRO and TPH-GRO) using EPA Method 8015. MDE expects the next collection of groundwater samples to occur in **September 2021**. All groundwater and private drinking water sampling data collected must be submitted in **semi-annual reports** detailing the results of the gauging and sampling events no later than 45 days following sample collection.
2. Continue to sample the on-site supply well on an annual basis in accordance with MDE's *Request for Continued Monitoring* letter, dated October 14, 2020 (copy enclosed) and the high-risk groundwater use area (HRGUA) regulations.
3. Continue sampling the granular activated carbon (GAC) filtration system at 1894 Conowingo Road (Morris property) on a **quarterly basis**, including pre-, mid-, and post-filtration samples as required in MDE's *Request for Continued Monitoring*, dated October 14, 2020.
4. Based on our review of continued non-detect data, MDE no longer requires domestic well sampling at the following properties: the Zane property at 1884 Conowingo Road; and the Renzo property at 1898 Conowingo Road.
5. All drinking water samples must be collected after running the water for approximately 15 to 20 minutes to purge the piping and from a sample location prior to any treatment system(s) that may be present, preferably at the pressure tank. The samples must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2. Submit copies of all sampling results to the property owner, tenant (if applicable), the Cecil County Health Department, and the OCP case manager.
6. Following the receipt of groundwater sampling data for fourth quarter 2021, OCP will review the status of this case.

When submitting documentation, provide three hard copies and one electronic copy on a labeled compact disc (CD) or via email. If you have any questions, please contact Ms. Lindley Campbell at 410-537-3387 ([lindley.campbell1@maryland.gov](mailto:lindley.campbell1@maryland.gov)) or me at 410-537-3499 ([susan.bull@maryland.gov](mailto:susan.bull@maryland.gov)).

Sincerely,



Susan R. Bull, Eastern Region Supervisor  
Remediation Division  
Oil Control Program

Enclosure: *Request for Continued Monitoring*, October 14, 2020

Mr. Aijaz Shaikh  
Case No. 2019-0724-CE  
Page - 3 -

cc: Mr. and Mrs. Ken and Kristine Morris, Owners of 1894 Conowingo Road  
Ms. Donna M. Zane, Owner of 1884 Conowingo Road  
Ms. Misty D. Renzo, Owner of 1898 Conowingo Road  
Mr. Gregory Pelc, Advanced Environmental Concepts, Inc.  
Mr. Ed Arellano, Acting Director, Environmental Health, Cecil County Health Dept.  
Ms. Lindley Campbell, Case Manager, Remediation, Oil Control Program  
Mr. Andrew B. Miller, Chief, Remediation Division, Oil Control Program  
Mr. Christopher H. Ralston, Program Manager, Oil Control Program