



Maryland

Department of
the Environment

Larry Hogan, Governor
Boyd K. Rutherford, Lt. Governor

Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

June 19, 2019

Mr. Fred von Staden
Environmental Health Director
Cecil County Health Department
401 Bow Street
Elkton, Maryland 21921

**RE: PETROLEUM IMPACT TO MONITORING WELL IN A
HIGH RISK GROUNDWATER USE AREA**
Case No. 2019-0724-CE
Pantry One Food Mart
1897 Conowingo Road, Rising Sun
Cecil County, Maryland
Facility I.D. No. 11347

Dear Mr. von Staden:

This letter is provided in compliance with Section 4-411.2 of the Environment Article, Annotated Code of Maryland and Code of Maryland Regulations (COMAR) 26.10.02.03.B.(2)(b). On June 5, 2019, the Maryland Department of the Environment's (MDE) Oil Control Program (OCP) received a report of a detection of benzene at or above notification limits in the 3 groundwater monitoring wells located on the subject property. Benzene was detected at concentrations ranging from 6.6 to 220 parts per billion (ppb) in monitoring wells during a routine annual groundwater sampling events conducted in accordance with COMAR 26.10.02.03-4 for stations operating in designated high-risk groundwater use areas. The sampling event was conducted Oct. 18, 2018 and the results were provided to the MDE on June 5, 2019. In response to the findings and delay in reporting those findings, the OCP required the collection of confirmation samples from MW-1, MW-2, MW-3, and the on-site drinking water supply well.

The confirmatory samples were collected on June 10, 2019. The analytical results for the drinking water well sample was non-detect for petroleum constituents. The analytical results for the groundwater confirmatory 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 exceed the 5 ppb standard; toluene in MW-2 at 16,100 ppb, which exceeds the 1,000 ppb standard; ethylbenzene in MW-2 at 2,440 ppb, which exceeds the 700 ppb standard; xylene in MW-2 at 12,020 ppb, which exceeds the 10,000 ppb standard; and MTBE in MW-2 at 34.9 ppb, which exceeds the 20 ppb standard. For additional information on the petroleum constituents of concern, please visit MDE's website (<http://www.mde.maryland.gov>) or EPA's website (<http://www.epa.gov>).

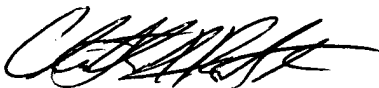
At this time, MDE has scheduled a full compliance audit of the facility, which will include updated system tightness testing. In addition, select private drinking water wells in the vicinity of the station will be sampled to ensure community safety. The MDE appreciates Cecil County Health Department's continued cooperation with this effort. Please be advised that this notification does not necessarily mean any off-site wells have been impacted by the contamination or that they will be impacted in the future.

Section 4-411.2 of the Environment Article requires upon notification of contamination in a designated high-risk groundwater use area that "the Department shall notify the local health department and each owner of property within one-half mile of the site from which the sample was taken." Notification must be made by certified mail providing the property owner with information regarding the extent of contamination at the site. The responsible party is Fahmida, LLC located at 1897 Conowingo Road, Rising Sun, Maryland 21911.

The MDE appreciates the Cecil County Health Department providing addresses and a site map for all property owners within a half-mile radius of the subject property. The Oil Control Program is currently preparing the required property owner notification letter, which will be mailed on or before June 20, 2019 to 127 property owners. A copy of the notification letter to the property owners and other related site correspondences will be provided to the Cecil County Health Department.

If you have any questions, please contact the case manager, Ms. Lindley Campbell, at 410-537-3387 or lindley.campbell1@maryland.gov.

Sincerely,



Christopher H. Ralston, Program Manager
Oil Control Program

cc: Mr. Aijaz Shaikh (Fahmida, LLC)
Mr. John Grace (Division Chief, Source Protection and Administration Division)
Mr. Andrew B. Miller (Chief, Remediation and State-Lead Division, Oil Control Program)
Ms. Kaley Laleker (Director, Land and Materials Administration)