Maryland
Department of
the Environment

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

Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

February 8, 2019

CERTIFIED MAIL

RE: INFORMATIONAL NOTIFICATION LETTER
Case No. 2019-0473-FR
26463 Urbana Fuel and Treat
8816 Fingerboard Road, Urbana
Frederick County, Maryland
Facility I.D. No. 6299

Dear Resident or Property Owner:

This letter is provided in accordance with § 4-411.2 of the Environment Article of the Annotated Code of Maryland. The intent of this letter is to notify you that petroleum-related compounds have been detected in groundwater monitoring well samples at the above-referenced property at a concentration exceeding the statutory notification level. As a property owner within 0.5-mile of the subject property (see enclosed map), notification is required to be sent to you to provide information about the detection at the referenced service station.

On January 23, 2019, the Maryland Department of the Environment's (the Department) Oil Control Program received the annual High Risk Groundwater Use Area sampling report from the facility owner. The report presented data collected on October 31, 2018, which showed dissolved phase petroleum-related compounds were detected in groundwater samples collected from the Urbana Fuel and Treat property. The detections were observed in samples collected from two of the four monitoring wells (MW-2 and MW-9). The petroleum-related compounds, benzene and methyl tertiary-butyl ether (MTBE), were detected at concentrations exceeding regulatory levels. Benzene was detected at concentrations of 370 parts per billion (ppb) in MW-2 and 160 ppb in MW-9, which exceed the 5 ppb standard. MTBE was detected at concentrations of 120 ppb in MW-2 and 31 ppb in MW-9, which exceed the 20 ppb standard. The on-site drinking water supply well and two other monitoring wells sampled on October 31, 2018 had no detections of volatile organic compounds (VOCs).

On January 28, 2019, the Department required the collection of confirmation samples from MW-2 and MW-9, which was performed the following day. The analytical results for the confirmation samples reported benzene at a concentration of 500 ppb and MTBE at a concentration of 140 ppb in MW-2. Results for the confirmation sample from monitoring well MW-9 were non-detect for all VOCs analyzed.

In response to the detections of benzene and MTBE, the Department has opened a groundwater investigation case for Urbana Fuel and Treat. The Department informed the Frederick County Health Department of the detections and of the opened investigation. The Department is working with the Frederick County Health Department to evaluate potential risks to the community. The Department does not believe there is an immediate health risk to the community and will continue to oversee the groundwater investigation.

If your property is served by an individual drinking water supply well, you may elect to have your well water tested by a private laboratory. Your decision should be based on the proximity of your well to the source of the contamination and whether or not you have noticed any change in the taste or odor of your well water. For your convenience, enclosed is a list of private laboratories that can assist you should you decide to have your well water tested privately. The recommended test to request is U.S. EPA Method 524.2 for full-suite VOCs, including fuel oxygenates and naphthalene. Samples should be collected by a certified sampler and prior to the water passing through any treatment device.

A project Fact Sheet has been prepared to provide information regarding the groundwater investigation at the site (copy enclosed). The Fact Sheet will be updated periodically as the case progresses. The Fact Sheet and other documents related to the investigation will be posted to the Oil Control Program's Remediation Sites internet page: *http://mde.maryland.gov/programs/LAND/OilControl/Pages/remediationsites.aspx*.

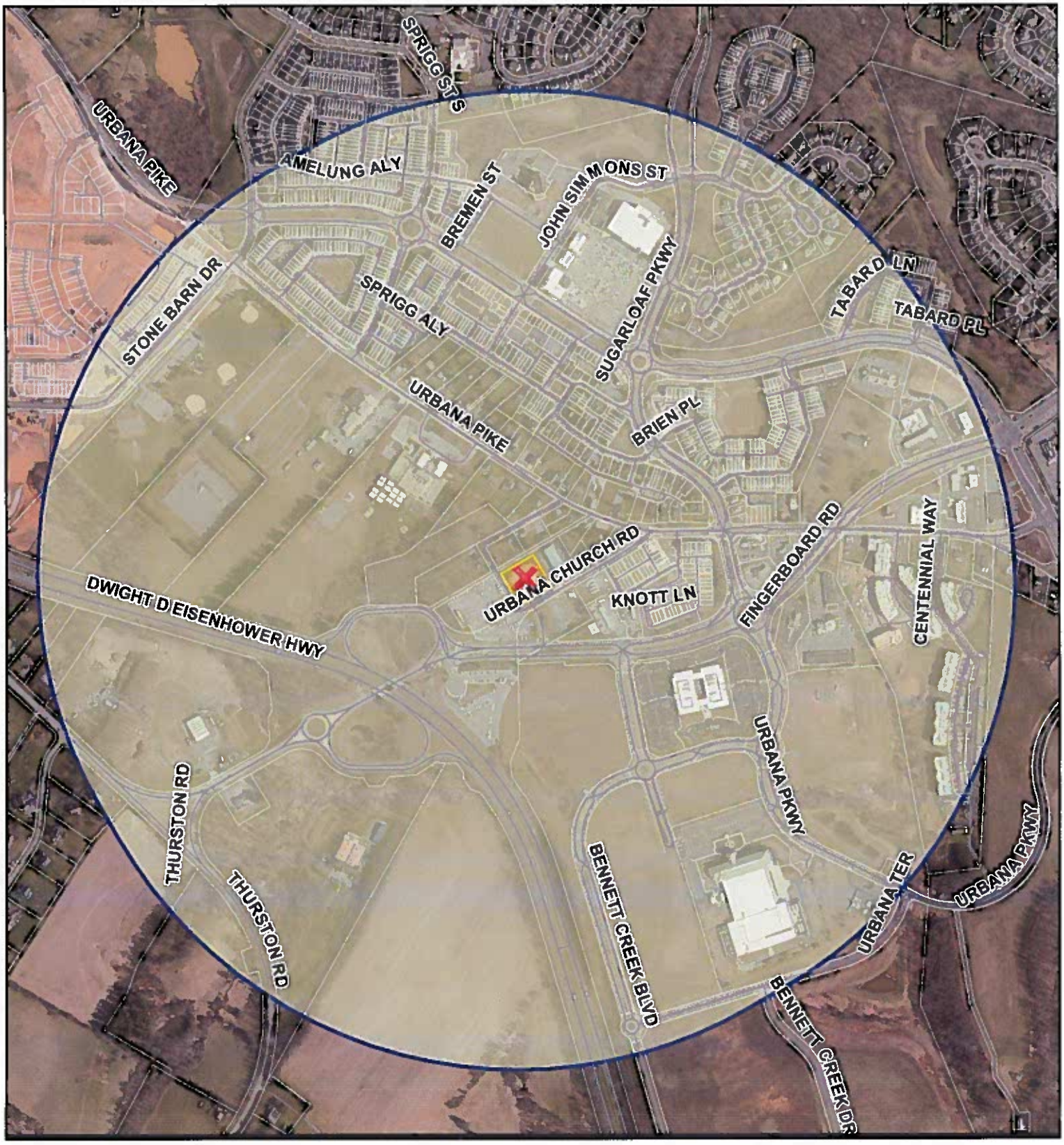
If you have any questions, please contact the case manager, Mr. Nicholas Psenicnik, at 301-665-2857 (email: *nicholas.psenicnik@maryland.gov*) or Ms. Ellen Jackson, Northern Region Supervisor, at 410-537-3482 (email: *ellen.jackson@maryland.gov*).

Sincerely,

Christopher H. Ralston, Program Manager
Oil Control Program

Enclosures: Half-Mile Radius Map
Fact Sheet – 26463 Urbana Fuel and Treat
Testing Laboratory List

cc: Ms. Kathleen McCaney (Sunoco, LLC)
Mr. Barry Glotfelty (Director, Environmental Health Services, Frederick County Health Department)
Mr. Andrew B. Miller (Chief, Remediation and State Lead Division)
Ms. Kaley Laleker (Director, Land and Materials Administration)



8816 Urbana Church Road
1/2 Mile Buffer

8816 FINGERBOARD RD
1/2 Mile Buffer

Frederick County GIS
February 05, 2019

0 0.05 0.1 0.2 Miles

Projection: NAD 1983 State Plane Maryland FIPS 1900 Feet

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Maryland
Department of
the Environment

FACTS ABOUT:

26463 Urbana Fuel and Treat

GROUNDWATER INVESTIGATION
26463 URBANA FUEL AND TREAT (SUNOCO)
8816 FINGERBOARD ROAD, URBANA
FREDERICK COUNTY, MARYLAND
OCP CASE NO. 2019-0473-FR

SITE LOCATION

The Maryland Department of the Environment's (the Department) Oil Control Program (OCP) received notification of elevated petroleum-related compounds in the groundwater at this facility. This location has supported gasoline retail activities since the 1970s. The current underground storage tank (UST) system is comprised of two 15,000-gallon double-walled, fiberglass-reinforced plastic gasoline USTs and one double-walled, fiberglass-reinforced plastic 20,000-gallon split (diesel and gasoline) UST. All associated product lines are double-walled, fiberglass-reinforced plastic.

SITE HISTORY

Petroleum-related impacts to groundwater were first identified at the site in the late 1970s when the Frederick County Health Department collected routine water samples from the on-site supply well and discovered bacterial contamination and dissolved petroleum concentrations, including benzene at 6,000 parts per billion (ppb). The on-site well was subsequently replaced. In September 2005, the OCP was made aware of environmental impacts at the former Exxon station following receipt of sampling results from four monitoring wells that were installed to comply with Code of Maryland Regulations (COMAR) 26.10.02.03-4. Methyl tertiary-butyl ether (MTBE) contamination was detected in the four monitoring wells at concentrations ranging from 2.5 to 71,200 ppb. The impacts in two of the four wells exceeded the State's MTBE 20 ppb groundwater standard. Required notification related to the finding was issued by the Department to nearby residents in correspondence dated June 1, 2007. Additional assessment and remediation activities were performed under OCP Closed Case No.2006-0245-FR. The petroleum-related impacts to groundwater declined over time and the case was closed in June 2017.

The Department required the site to continue annual monitoring under the high-risk groundwater usage area (HRGUA) requirements for continued compliance with COMAR 26.10.02.03-4. Four monitoring wells and the on-site potable supply well have been sampled annually since 2015 and all results through 2017 have been in compliance with regulatory standards.

ENVIRONMENTAL INVESTIGATION AND ACTIONS

On January 28, 2019, the Department reviewed the *2018 Annual Groundwater Monitoring Report* (received January 23, 2019) and identified an uncharacteristic increase in petroleum constituent concentrations in groundwater samples collected from monitoring wells MW-2 and MW-9 and elevated photo-ionization detector (PID) readings from field screening of vapors in three tank field monitoring pipes. The groundwater samples, which had been collected on October 31, 2018, reported detections of benzene at concentrations of 370 ppb in MW-2 and 160 ppb in MW-9, which exceed the 5 ppb standard. MTBE was also detected at concentrations of 120 ppb in MW-2 and 31 ppb in MW-9, which exceed the 20 ppb standard. Sampling results from the on-site drinking water supply well and the other two monitoring wells were in compliance with regulatory standards. Confirmation samples were collected from MW-2 and MW-9 on January 29, 2019 and the results confirmed the presence of benzene at a concentration of 500 ppb and MTBE at a concentration of 140 ppb in MW-2. The results for monitoring well MW-9 were non-detect for all volatile organic compounds (VOCs) analyzed.

CURRENT STATUS

Based on the recent detections of benzene and MTBE above regulatory standards, Sunoco, LLC will be directed to complete a half-mile well survey, perform sampling of the monitoring well network on a more frequent basis, and continue annual HRGUA sampling of the on-site potable water supply well. The Department will make additional requirements, as warranted, based on the ongoing investigation results.

FUTURE UPDATES

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

CONTACTS

- Oil Control Program: 410-537-3442 or 1-800-633-6101, ext. 3482
- Frederick County Health Department: 301-600-1719
- UST Owner – Sunoco, LLC: 610-833-3761
- UST Operator – Southside Oil, LLC: 804-706-4702

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.

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land and Materials Administration • Oil Control Program
1800 Washington Boulevard • Suite 620 • Baltimore Maryland 21230-1719
410-537-3442 • 800-633-6101 x3442 • www.mde.maryland.gov

The laboratories listed below are capable of analyzing samples for the purpose of testing for petroleum hydrocarbons. You are encouraged to fully discuss with the company you select the issues associated with sampling for fuel oxygenates, such as methyl tertiary-butyl ether (MTBE), tertiary-amyl methyl ether (TAME), diisopropyl ether (DIPE), and tertiary-butyl alcohol (TBA).

Please note EPA Method 524.2 is the recommended method for laboratory analysis of groundwater samples collected from domestic wells since petroleum compounds of concern can be detected at very low levels using this specific method. EPA Method 524.2 encompasses a wide range of petroleum hydrocarbons such as benzene, toluene, ethylbenzene, and xylene (BTEX), in addition to fuel oxygenates such as MTBE.

Companies with an asterisk (*) have notified the Oil Control Program that they are prepared to either test for the suite of common fuel oxygenates following the U.S. EPA's validated analytical methods for common fuel oxygenates or they have taken the necessary alternative steps to determine the levels of fuel oxygenates in water and soil. Contact these companies to be fully informed of the sample preservation method they require prior to your sampling event. For more information, access EPA's Underground Storage Tank Fact Sheet – Analytical Methodologies for Fuel Oxygenates at www.epa.gov/oust/mtbe/omethods.pdf.

The Maryland Department of the Environment assembled this list from the best available information at the time of preparation. The Department makes no claim as to the list's completeness or to the quality of work performed by these laboratories. Inclusion on this list is not to be considered an endorsement by the State of Maryland. (Amended 6/2/2016)

Company	Address	City, State, and Zip	Telephone
Anne Arundel County:			
ECS Mid-Atlantic, LLC	1340 Charwood Road, Suite A	Hanover MD 21076	410-859-4300
Baltimore City/County:			
Caliber Analytical Services, LLC*	8851 Orchard Tree Lane	Towson MD 21286	410-825-1151
Enviro-Chem Laboratories, Inc.	47 Loveton Circle, Suite K	Sparks MD 21152	410-472-1112
Federated Environmental Assoc., Inc. analyze and collect	1314 Bedford Ave., Suite 102	Pikesville MD 21208	410-653-8434
Martel Laboratories JDS, Inc.*	1025 Cromwell Bridge Road	Baltimore MD 21286	410-825-7790
Maryland Spectral Services, Inc.*	1500 Caton Center Drive, Suite G	Halethorpe MD 21227	410-247-7600
Microbac Laboratories, Inc.*	2101 Van Deman Street	Baltimore MD 21224	410-633-1800
Montebello Water Quality Laboratory	3901 Hillen Road	Baltimore MD 21218	410-396-6040
Penniman & Browne, Inc.	6252 Falls Road	Baltimore MD 21209	410-825-4131
Phase Separation Science, Inc.*	6630 Baltimore National Pike	Catonsville MD 21228	410-747-8770
Trace Laboratories, Inc.*	5 North Park Drive	Hunt Valley MD 21030	410-584-9099

Company	Address	City, State, and Zip	Telephone
Carroll County:			
Fountain Valley Analytical Lab., Inc.	1413 Old Taneytown Road	Westminster MD 21158	410-848-1014
Charles County:			
Science Applications International Corp.	1129 Business Parkway S. Ste. 10	Westminster MD 21157	410-876-0280
Frederick County:			
ECS Mid-Atlantic, LLC	5112 Pegasus Court, Ste S	Frederick MD 21704	301-668-4303
Fredericktowne Lab, Inc.	3020 Ventrie Court	Myersville MD 21773	301-293-3340
GPL Laboratories, LLLP	7210A Corporate Court	Frederick MD 21703	301-694-5310
Harford County:			
Aardvark Water Testing Laboratory, Inc.	260 Gateway Drive, Suite 3A	Bel Air MD 21014	410-893-5257
Advanced Environmental Concepts, Inc.	1751 Pulaski Highway	Havre de Grace MD 21078	410-939-5550
ECS Mid-Atlantic, LLC	1202 Technology Drive, Suite D	Aberdeen MD 21001	410-297-8108
Howard County:			
Analytical Laboratory Services, Inc.	8965 Guilford Road, Suite 100	Columbia MD 21046	410-290-8884
Envirosystems, Inc.	9200 Rumsey Road, Suite B102	Columbia MD 21045	410-964-0330
GP Strategies	6095 Marshalee Drive, Suite 300	Elkridge MD 21075	410-379-3600
Montgomery County:			
Anabell Environmental, Inc.	8648 Dakota Drive	Gaithersburg MD 20877	301-548-9425
Environmental Management Services Inc.	1688 East Gude Drive, Suite 301	Rockville MD 20850	301-309-0475
Prince George's County:			
ECS Mid-Atlantic, LLC	6710 Oxon Hill Road, Suite 101	National Harbor MD 20745	301-645-6472
Queen Anne's County:			
Chesapeake Environmental Lab, Inc. (analyzes and collects)	P.O. Box 946	Stevensville MD 21666	410-643-0800 1-800-300-TEST
Wicomico County:			
Water Testing Labs of MD, Inc.	113 High Street	Salisbury MD 21801	410-546-1318