



Maryland

Department of the Environment

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

Ben Grumbles, Secretary
Horacio Tablada, Deputy Secretary

November 18, 2020

CERTIFIED MAIL

RE: INFORMATIONAL NOTIFICATION LETTER
Case No. 2021-0202-CE
Sunoco Duns #0651-9128
355 Telegraph Road, Rising Sun
Cecil County, Maryland
Facility I.D. No. 2823

Dear Resident or Property Owner:

This letter is provided in compliance with Section 4-411.2 of the Environment Article, Annotated Code of Maryland. The intent of this letter is to notify you that certain petroleum-related compounds have been detected in a groundwater monitoring well sample at a concentration exceeding the statutory notification level at the above-referenced property owned and operated by Sunoco, LP/ Evergreen Resource Group (Sunoco). As a property owner within 0.5-mile of the subject property (see enclosed map), notification is required to be submitted to you to provide information about the detection at the referenced service station. The highlighted portion of this map depicts properties that are served by a public water supply (Chester Water Authority). The Maryland Department of the Environment (MDE) is required to notify citizens regardless of the water source to the property. If your water source is the public water supply, there should be no concern regarding this notification.

The MDE's Oil Control Program (OCP) has opened a new groundwater investigation case for the Sunoco station. On November 4, 2020, MDE received a groundwater sampling report for data collected on August 26, 2020 by Sunoco. The report shows that dissolved phase petroleum concentrations were detected in groundwater samples collected from two monitoring wells located on the property, MW-1 and MW-3. The petroleum-related compound benzene was detected at concentrations ranging from 40.6 to 546 parts per billion (ppb), which exceed the notification standard of 5 ppb. The petroleum-related compound methyl tertiary butyl ether (MTBE) was detected at a concentration of 28.6 ppb, which exceeds the notification standard of 20 ppb. The on-site drinking water supply well results have been non-detect for petroleum constituents from 2005 to the present.

Because of the time between the original sample collection and the reporting of the data by Sunoco, the OCP required Sunoco to collect confirmation samples from each of the three groundwater monitoring wells (i.e. MW-1, MW-2, and MW-3) and the on-site drinking water supply well. The confirmation samples were collected on November 6, 2020. The analytical results for the confirmation samples exhibited concentrations of the following petroleum-related compounds:

- Benzene in MW-1 and MW-3 at concentrations ranging from 23.9 to 315 ppb, which exceed the 5 ppb standard; and
- MTBE in MW-3 at a concentration of 20 ppb, which is equivalent to the 20 ppb standard.

The MDE has informed the Cecil County Health Department of this detection and of the open investigation. The MDE is working with the Health Department to evaluate the risks associated with the detection to the community. At this time, there is no indication that contamination has migrated beyond the study area. The MDE does not believe there is an immediate health risk to the public in your community and will continue to monitor the situation until Sunoco has properly investigated and mitigated the contamination.

If your property is served by a private supply well, MDE understands that you may have concerns about potential impacts to your well. If you notice a change in the taste or odor of your well water or you wish to have your well tested for petroleum-related compounds, you may contact MDE to arrange for a test. Alternatively, you may elect to have your well water tested by a private laboratory. 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 volatile organic compounds (VOCs), including fuel oxygenates and naphthalene. Samples should be collected by a certified sampler and prior to the water passing through any treatment device.

The fact sheet and other documents related to the investigation will be posted to the Oil Control Program's Remediation Sites internet page:

<https://mde.maryland.gov/programs/LAND/OilControl/Pages/remediationsites.aspx>.

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

Enclosures: Map
Fact Sheet
Testing Laboratory List

cc: Ms. Amanda Kistler, Sunoco LP/ Evergreen Resource Group
Mr. Calvin Bonenberger, Administrator, Town of Rising Sun
Mr. Ed Arellano, Environmental Health Director, Cecil County Health Department
Mr. Andrew B. Miller, Chief, Remediation Division, Oil Control Program
Ms. Kaley Laleker Director, Land and Materials Administration