



## MARYLAND DEPARTMENT OF THE ENVIRONMENT

Oil Control Program, Suite 620, 1800 Washington Blvd., Baltimore MD 21230-1719

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Martin O'Malley  
Governor

Robert M. Summers, Ph.D.  
Secretary

Anthony G. Brown  
Lieutenant Governor

December 5, 2014

Mr. Ronald B. Anderson  
Green Valley Garage  
11602 Fingerboard Road  
Monrovia MD 21770

**RE: SITE STATUS LETTER**

**Case No. 2000-1301-FR**

**Notice of Violation NV-2000-079 & Amended Notice of Violation NV-2000-079**

**Green Valley Garage**

**11602 Fingerboard Road, Monrovia**

**Frederick County, Maryland**

**Facility I.D. No. 6313**

Dear Mr. Anderson:

The Oil Control Program has completed a review of the case file. This case was opened in January 2000, when the Department received a complaint of petroleum odors in a private drinking water well. Between January and February 2000, the Department initiated the collection of drinking water well samples and confirmed the presence of actionable levels of petroleum constituents in the on-site and four off-site drinking water wells. The on-site potable well sampling results reported a benzene concentration of 672 parts per billion (ppb) and a methyl tertiary-butyl ether (MTBE) concentration of 759 ppb. The off-site well results reported a benzene concentration of 280 ppb at one property. Detectable concentrations of MTBE were observed at all four properties ranging from 4.8 to 380 ppb. On March 3, 2000, the Department issued *Notice of Violation NV-2000-079* requiring: proof of financial responsibility; installation and sampling of three groundwater monitoring wells; and completion of a hydrogeologic study.

In May 2000, the Department oversaw the installation of three groundwater monitoring wells. Samples collected from those three wells revealed the presence of benzene up to 1,290 ppb, MTBE up to 2,920 ppb, and total petroleum hydrocarbons- gasoline range organics (TPH-GRO) up to 4,750 ppb. In accordance with the Code of Maryland Regulations (COMAR) 26.10.09, the Department issued *Amended Notice of Violation NV-2000-079*. This *Notice* required the immediate assumption of maintenance and sampling of carbon treatment systems retrofitted to four off-site residences, installation of a carbon treatment system on the on-site drinking water well, and submittal of a *Corrective Action Plan* to address elevated levels of petroleum constituents in the shallow groundwater.

During a site inspection by Department personnel on November 1, 2000, 1.5 inches of liquid-phase hydrocarbons (LPH) was detected in the on-site potable water supply well, which has been alleged to be an act of vandalism. Throughout the duration of this case, you have objected to the requirements of *Amended Notice of Violation NV-2000-079*, yet you have performed intermittent sampling of the groundwater monitoring well network.

A decreasing trend of dissolved-phase petroleum impacts has been observed over time. The most recent samples collected from the monitoring well network in June 2014 continue to document levels of benzene up to 29.9 ppb and MTBE up to 3,920 ppb, which exceed Department groundwater standards. The Department continues to maintain carbon treatment units and perform monitoring of the four off-site drinking water supply wells at properties located in close proximity to the documented on-site petroleum impacts, which were observed prior to the alleged act of vandalism.

Based on our review of the case file, the Department requires the following:

#### **GROUNDWATER DATA:**

- 1) Continue sampling of the monitoring well network, including all monitoring wells (MW-01 through MW-07) and the former and currently used drinking water wells, on a **semi-annual (every six months)** basis. This reduced sampling frequency is necessary to continue to document dissolved-phase trends during seasonal variation in groundwater levels. The sampling events must be performed in the **first** (January through March) and **third** (July through September) quarter of each year until further notice. All groundwater monitoring well samples collected must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 8260. The on-site water supply well sample must be analyzed for full-suite VOCs, including fuel oxygenates and naphthalene, using EPA Method 524.2. The next round of groundwater sampling is due to be completed **no later than March 31, 2015**.
- 2) Continue to provide the groundwater sampling results to the Department on a semi-annual basis. The reports are due to the Department **no later than 45 days** following each sampling event. When submitting groundwater sampling results, include: detailed data summary tables and scaled site maps showing actual sampling locations. In the discussion of the sampling events, include details on sampling procedures and describe analytical results in terms of media sampled. Reports must include groundwater surface contours and dissolved phase concentration maps indicating benzene and methyl tertiary-butyl ether (MTBE) concentrations. Provide three hard copies of all data along with a digital copy on a labeled compact disc (CD).
- 3) Continue to maintain the monitoring wells and the station's former and current drinking water supply wells in accordance with Code of Maryland Regulations (COMAR) 26.04.04.01-.12.

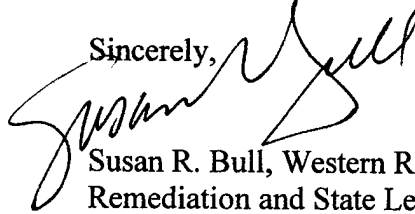
#### **UNDERGROUND STORAGE TANK (UST) SYSTEM:**

- 4) Administrative records indicate the active UST system is currently operating in compliance with applicable COMAR regulations 26.10.01 through 26.10.16

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The Department will review future groundwater sampling reports to determine if changes to the sampling requirements are warranted. If you have any questions, please contact the case manager, Mr. Jim Richmond, at 410-537-3337 ([jim.richmond@maryland.gov](mailto:jim.richmond@maryland.gov)) or me at 410-537-3449 ([susan.bull@maryland.gov](mailto:susan.bull@maryland.gov)).

Sincerely,



Susan R. Bull, Western Regional Manager  
Remediation and State Lead Division  
Oil Control Program

JWR/nln

cc: Ms. Patricia McKenzie (R. Bruce Corp./Fingerboard Enterprises, Inc.)  
Mr. Barry Glotfelty (Frederick County Health Dept.)  
Mr. and Mrs. Jared Mattocks (3939 Shakespeare Way)  
Mr. and Mrs. Craig Gillum (4002 Tranquility Court)  
Mr. and Mrs. Eugene Holahan (4004 Tranquility Court)  
Mr. and Mrs. Randall Clark (4006 Tranquility Court)  
Mr. Thomas L. Walter  
Mr. Andrew B. Miller  
Mr. Christopher H. Ralston  
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Mr. Horacio Tablada