



## **Chillum Site Gasoline and PERC Release Administrative Order Issued to Chevron USA: Update on PERC Investigation**

**August 2008**

### **What is EPA's Final Decision?**

EPA has issued its Final Decision and Response to Public Comments outlining the final remedy for the gasoline release that occurred at the former Chevron gas station, previously owned by Chevron USA, located in Chillum, Maryland. The release impacts the neighboring Lamond-Riggs Park community located in the District of Columbia (DC).

### **Administrative Order on Consent**

Subsequent to the Final Decision, EPA has issued to Chevron, USA, an Administrative Order on Consent (AOC) which specifies what work and the timetable upon which Chevron must perform in relation to the Chillum Site.

The AOC is subject to a 30-day Public Comment Period which begins August 25, 2008. After a review of the comments and resulting modifications to the agreement, if any, the AOC will, upon acceptance by Chevron, become effective and enforceable by EPA.

### **Work Required of Chevron Under the Order Overview:**

On and after the effective date of the AOC, Chevron will:

- Continue to operate and maintain the existing groundwater remediation system.
- Operate vapor mitigation systems (VMS) to be installed.
- Under the "additional work" provisions of an existing 2002 unilateral order, EPA required Chevron in Spring 2008 to install VMS at selected homes and to conduct indoor air sampling at selected homes.
- As future vapor intrusion data becomes available, EPA will review the data and determine whether additional VMS are needed. As appropriate, EPA will order Chevron to install and operate additional VMS in homes located above the gasoline plume.
- Refrain from using the Facility, or other such property, in a manner that would interfere with or adversely affect the implementation or maintenance of the corrective measures selected by EPA.

### **Within forty-five (45) days of the effective date of the AOC:**

Chevron will submit the required Institutional Controls (ICs) for EPA review and approval.

- ICs are legal and administrative devices that help to protect the integrity of the required corrective action measures selected by EPA.
- The ICs for the Chillum Site include prohibiting Chevron from using the Facility, or other such property, in a manner that would interfere or adversely affect the implementation or maintenance of the corrective measures selected by EPA.

### **Within ninety (90) days of the effective date of the AOC:**

Chevron will submit for EPA's approval, a Corrective Measures Implementation Work Plan. The work plan will be used to implement the measures detailed in EPA's Final Decision Response to Comments and requirements incorporated into the AOC.

The Corrective Measures include:

- Expand the existing groundwater remediation system through the installation of angle recovery wells under Eastern Avenue into DC;
- Installation of an independent remediation system to be located in the alley south of Eastern Avenue;
- Installation of an oxygen injection curtain to be located in the alley north of Nicholson Street; and
- Installation and operation of additional residential vapor mitigation systems as determined by EPA.

### **Public Comment and information Sessions**

Persons wishing to comment on EPA's proposed AOC may submit written comments within the 30-day Comment Period beginning August 25, 2008, and ending September 23, 2008. Comments can be submitted via Email, U.S. mail or fax to:

EPA Project Manager, Andrew Fan  
1650 Arch Street, Mailcode 3LC20  
Philadelphia, PA 19103  
or by fax to: 215-814-3113  
or by Email to: [fan.andrew@epa.gov](mailto:fan.andrew@epa.gov)

Representatives from ATSDR and EPA will be available to answer questions about the PERC Investigation immediately prior to, and during the September 4, 2008 Informational Session. Additional information can be found at: [www.epaosc.net/chillumperc](http://www.epaosc.net/chillumperc).

A copy of the proposed AOC may be obtained by calling 215-814-3426, or online from EPA's website at: [www.epa.gov/region3/wcmd/chev7003.htm](http://www.epa.gov/region3/wcmd/chev7003.htm)

The Administrative Record which supports the AOC is available for review at the Lamond-Riggs Branch Library at 5401 South Dakota Avenue, N.E, Washington, DC 20011, Phone: 202-541-6255; or at U.S. EPA 1650 Arch Street, Philadelphia, PA 19103, Phone 215-814-3426.



U.S. Environmental Protection Agency Region 3  
Attn: Vance Evans  
1650 Arch Street (3HS52)  
Philadelphia, PA 19103

## EPA Update on PERC Investigation—Chillum Site

### *Information Session*

An Information Session will be held on September 4, 2008, during the regularly scheduled monthly Lamond-Riggs Community Meeting. The meeting will be held at the Jessica LaSalle Elementary School at 501 Riggs Road, N.E., Washington, DC, beginning at 6:30 pm. Representatives from EPA and the Agency for Toxic Substances and Disease Registry will be available immediately prior to the meeting to answer questions about the AOC.

### *Additional Contacts*

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### *About the PERC Investigation*

EPA has been asked to investigate the presence of perchloroethylene in groundwater and soil in the vicinity of the Chillum Site. Perchloroethylene, also known as PERC, tetrachloroethylene, tetrachloroethene, and/or PCE, was discovered during the cleanup of an underground storage tank leak involving gasoline at a property adjacent to the PERC site. The PERC investigation included several dry cleaning facilities and a residential area in the Lamond-Riggs Park section of Washington DC. The dry cleaning facilities are located in Maryland and are immediately adjacent to the Washington, DC border.

In March 2008, EPA conducted additional testing at one home in the Lamond-Riggs neighborhood. The purpose of this testing was to further investigate the presence of PERC found in previous sampling events at this home. Sampling revealed readings for PERC in the indoor air below levels of concern. Furthermore, the levels could not be attributed to vapor intrusion. No further action is needed at this time.