



**U.S. Environmental Protection Agency, Region 3
Chillum Site - Gasoline Fact Sheet
Implementation of Final Remedy
September 2009**

Background

EPA 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, Md. The release impacts the neighboring Lamond-Riggs Park community located in the District of Columbia (DC).

Final Remedy

Subsequent to the Final Decision on the remedy selection, EPA issued to Chevron, USA, an Administrative Order on Consent (AOC) which specifies the work and the timetable upon which Chevron must perform the required work to implement the Final Remedy for gasoline at the Chillum Site.

The AOC with Chevron became effective during January 2009.

Current Status of Work Required by the AOC

EPA, in consultation with the D.C. Department of the Environment has approved the conceptual design plan and implementation schedule for the Final Remedy.

The detailed design plan for the Oxygen Curtain is expected by October 2009 and for the remaining remedy components by December 2009.

Subject to permitting from the D.C. Department of the Environment (DDOE) and/or the Maryland Department of the Environment (MDE) the remedy implementation is expected to proceed as follows:

1) The existing groundwater remediation system located on the portion of the Site within Maryland is currently and will continue in operation;

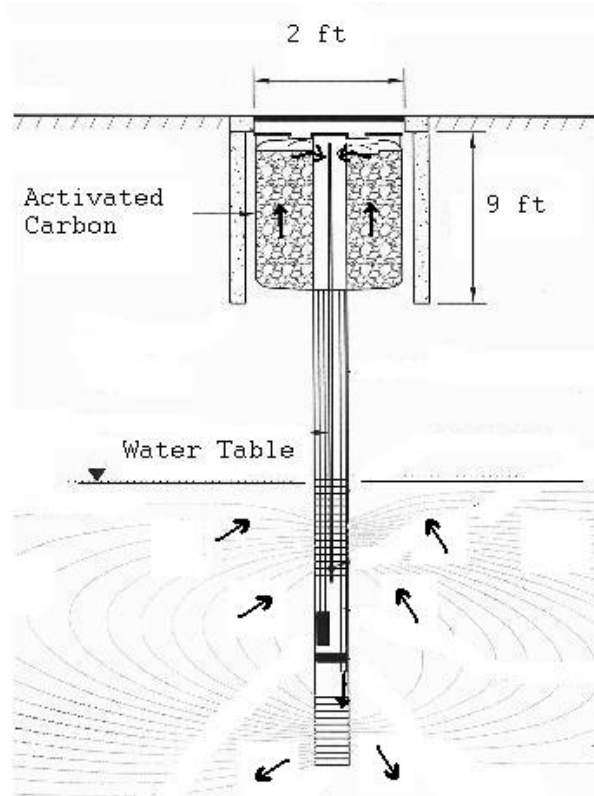
a) The detailed design plan for expansion of the existing groundwater remediation system through the installation of an angle recovery well under Eastern Avenue into D.C. is projected for December 2009, and subject to permit approval, installation of the angle well is projected to begin Spring 2010.

2) EPA has approved the conceptual design plan and implementation schedule for the Oxygen Curtain, to be located north of Nicholson St. The detailed design plan is projected for October 2009. Subject to permitting, installation of the Oxygen Curtain is projected to begin by December 2009.

3) The Final Remedy called for the installation of individual vapor mitigation systems in homes located above the gasoline plume where petroleum vapor concentrations exceeded EPA's indoor air standards. These installations were completed in March 2009. Testing results in other homes did not exceed EPA's standards.

4) EPA has approved the conceptual design plan and implementation schedule for the Independent Groundwater Remediation System (IGR) well below Eastern Avenue. The detailed design plan is projected for December 2009. Subject to permitting approval, installation of the well is projected to begin Spring 2010.

The approved design for this component of the remedy incorporates several beneficial features not specified in the system originally selected. This system addresses several of the concerns that citizens raised. The IGR will not require a vent pipe above ground, will require less space, will operate more quietly and require less maintenance. (See Figure Below)



Site History

To view previous Fact Sheets and other information relating to this Site go to:
<http://www.epa.gov/reg3wcmd/chev7003.htm>

Administrative Record

The Administrative Record, which contains EPA's Final Remedy and the Administrative Order on Consent issued to Chevron USA is available at:

●Lamond-Riggs Branch Library

5401 South Dakota Avenue, N.E.
Washington, D.C. 20011
202-541-6255

●U.S. EPA, Region 3

1650 Arch Street
Philadelphia, PA 19103-2029

Please call Anna Butch at 215-814-3157 to schedule a convenient time to review the Administrative Record.

For Additional Information Contact

Andrew H. Fan
EPA Project Manger
fan.andrew@epa.gov or
call 215-814-3426

Shawn Garvin
EPA Government Liaison
garvin.shawn@epa.gov or
call 215-814-2998