



EPA UPDATE GASOLINE and PERC INVESTIGATIONS

Washington, DC

U.S. Environmental Protection Agency, Region 3 P Community Update P March 2004

The U.S. Environmental Protection Agency (EPA) is overseeing the Chevron gasoline investigation (under the direction of Andrew Fan) and doing a PERC investigation (under the direction of Marcos Aquino) within part of the Lamond-Riggs Neighborhood. These updates serve to communicate information to residents about both investigations.

PERC Investigation Update

EPA will conduct soil vapor and indoor air sampling at the Lamond-Riggs Park area of northeast Washington, DC **April 6 thru April 20**. EPA is sampling for *tetrachloroethylene* (PERC) in subsurface soils. The purpose of the sampling is find out how much PERC is in the soils and how far it may have spread. PERC is used in the dry cleaning industry.

We will also sample for **PERC** in soil vapor. Homes will be screened to test the indoor air with the EPA TAGA Bus. We will collect indoor air samples using Summa canisters.

EPA plans to test 40 homes during this sampling event:

- # 23 homes will be re-sampled in order to confirm previous test results.
- # 17 additional homes will be included in this sampling event.

Gasoline Investigation Update

Under the oversight of EPA (WCM) Chevron began carrying out the work plans approved by EPA, as outlined in the Order, starting in February of this year. The status of field work completed to date is summarized below.

Source Removal System Upgrade

Chevron has:

- T installed three new *dual phase* (handles groundwater and vapor) recovery wells,
- T abandoned six old nonproductive wells.

The resulting upgraded system will consist of seven dual phase recovery wells and one vapor recovery well. These wells will be connected by underground piping to a new trailer-mounted treatment unit.

Construction of underground piping and installation of the new treatment unit will begin once Chevron receives the construction permit from Prince George County.

Chevron anticipates a start-up of the new system in July, once all construction work is done and PEPCO connects electric power.

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PERC investigation update continued

The homes to be sampled are located on the following streets:

T Eastern Ave,
T Riggs Road,
T Oglethorpe Street,
T Nicholson Street,
T Eighth Street, and
T Kensington Place.

L EPA will also sample groundwater from wells previously installed in the neighborhood.

& PLEASE NOTE: Results from this sampling will not be available until about two months after the last sample is collected.

For more information related to the gasoline and PERC investigations, please contact one of the following representatives:

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You can also access information online at:

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gasoline investigation update continued

Installation of Permanent Monitoring Wells

1. In the **residential area public space** Chevron has completed installation of:

T 31 groundwater monitoring wells and

T 2 vapor monitoring wells.

2. In the **shopping center parking lot area**, Chevron has:

T completed installation of **4 new monitoring wells** near the service station,

T will propose a work plan to install **additional monitoring wells** based on evaluation of existing and additional temporary well sampling results

T projected that the installation of the additional wells to begin in late April.

Soil Vapor Sampling

T Chevron has completed soil vapor and groundwater sampling at 16 residential properties located on Nicholson and, Oglethorpe Street and one on 8th Street.

T Additional sampling at five residential properties, that recently signed access agreements, is scheduled to take place in mid-April, once Chevron receives permits from DC Government.

T Chevron has also completed soil vapor sampling at six locations in the residential area public space.

L This includes two *soil vapor profiles*, which are mapped by taking vapor samples at several depths at the same locations, to investigate the changes of soil vapor concentrations at various depths.