



Tank Management Branch
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Delaware Department of Natural Resources and Environmental Control

INVITATION TO PUBLIC WORKSHOP

UPDATE ON VAPOR INTRUSION STUDY
Former Ron's Discount Energy Mart Site and Hillside Rd.
2509 Philadelphia Pike and Hillside Rd.
Claymont, New Castle County, Delaware

DNREC's Division of Air and Waste Management—Tank Management Branch, with assistance from the Department of Health and Social Services—Division of Public Health, will hold a public workshop beginning at **6 p.m. Tuesday, Oct. 27** at:

Claymont Community Center
Green Ball Room A&B, 3rd Floor
3301 Green Street, Claymont DE 19703

The purpose of the workshop is to update residents on the results of environmental testing of homes on Hillside Road in Claymont. The first phase of a vapor intrusion study was completed over the summer at the former Ron's Discount Energy Mart site and several homes located on Hillside Road. The results were provided to homeowners in August and September 2009. DNREC scientists and the environmental consultant for the project, Kleinfelder Inc., will review the results of the vapor intrusion study and answer questions at the workshop. Staff from the Division of Public Health will answer questions relating to public health or exposure.

DNREC contracted with Kleinfelder Inc. to perform the investigation and determine if any current or future potential health risks were posed by residual petroleum contamination found in groundwater in the area. The possible risk of petroleum vapor migration from the groundwater into the homes on Hillside Road was also assessed. The results indicated that the majority of the homes have no health risk due to residual petroleum contamination. However, one residence on Hillside Road will need corrective action (i.e., a new vapor mitigation system).

The petroleum release occurred in 1988 at the former Ron's Discount Energy Mart (a.k.a., Penny Hill Mobil, Inc.) located at 2509 Philadelphia Pike. The property is now leased by Infanzon Auto Repair. The release came from the underground storage tank system that was located at the site. Once the problem was discovered, the tanks and contaminated soils were removed, and measures were taken to control petroleum vapors that impacted several homes on Hillside Road. However, dissolved petroleum compounds continued to be carried by groundwater from the release site toward the homes along Hillside Road.

DNREC took over the cleanup actions at the site after the responsible party, Mr. Ronald Palimere, failed to take appropriate action. Over the years, DNREC completed several remedial actions to clean up groundwater at the site and along Hillside Road. DNREC has been monitoring conditions on a quarterly basis to ensure public safety.

On July 31, 2009, DNREC issued a Notice of Administrative Penalty Assessment and Secretary's Order to the owners, Ronald C. Palimere and Penny Hill Mobil Inc., which included \$447,125 in penalties for failure to clean-up the release and \$712,887 in cost reimbursement to the Department for cleanup expenses. According to Delaware law, the responsible parties for the release are liable for all past and any future costs associated with the Department's efforts to clean up the site.

Contact Information

The vapor intrusion study and the Secretary's Order are available at the Claymont Library and on the web at: <http://www.awm.delaware.gov/Info/Pages/PetrolUpdate-Rons.aspx>.

If you have any questions about the vapor intrusion study, the October 27 public workshop, or the Secretary's Order, please call Chris Brown at (302) 395-2500, or by e-mail at: Christopher.Brown@state.de.us. Health-related questions may be directed to Dr. Gerald Llewellyn of the Division of Public Health at (302) 744-4546, or by e-mail at: Gerald.Llewellyn@state.de.us.



Map of Vapor Intrusion Study Area

- Zone 1— Soil gas sampling around the source area.
- Zone 2 — Soil gas sampling on downgradient properties.
- Zone 3 — Indoor air quality sampling.