



INDUSTRIAL LANE SUPERFUND SITE 2009 COMMUNITY UPDATE

NORTHAMPTON COUNTY, WILLIAMS TOWNSHIP, PENNSYLVANIA

EPA CLEANUP: CONTINUED SUCCESS

The U.S. Environmental Protection Agency is issuing this fact sheet to provide you with updated information on the status of the Industrial Lane Superfund Site located at the Chrin Landfill at Industrial Lane in Easton, PA. **EPA's latest review of this site has determined that the cleanup implemented in 1999 continues to be fully protective of public health and the environment.**

RESULTS OF EPA'S 5-YEAR REVIEW

The EPA completed its third Five-Year Review of the cleanup at the site in September 2008. Prior Five-Year Reviews were conducted in 1997 and 2003; results for those reviews also indicated the remedy continues to be protective of public health and the environment. EPA inspects sites regularly to ensure cleanups remain protective of human health and the environment.

Five-Year Reviews, which are required by law, include:

- Inspection of the site and cleanup technologies;
- Review of monitoring and operating data;
- Review of maintenance records, and
- Determination if any new regulatory requirements have been established since EPA's original cleanup decision was made.

Results of EPA's latest Five-Year Review confirm:

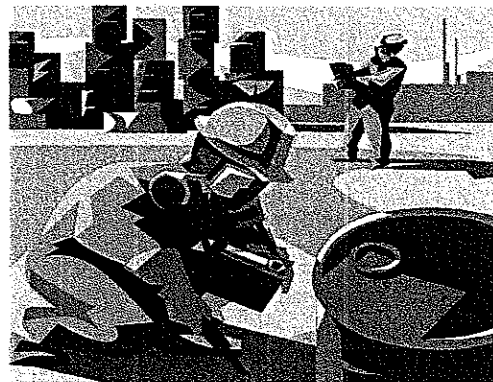
- The pump-and-treat system has dramatically decreased the size of the original plume and the cleanup continues to remove remaining contaminants, and
- The extension of the public water line to all homes affected by the contaminated groundwater continues to provide a safe drinking water supply to residents.

EPA CONDUCTS MORE SAMPLING

As part of EPA's Five-Year Review at the site, Agency experts sampled the air in several homes, including one on the Chrin property (*see site background on page 2 for more detail*). While the Five-Year Review confirms that EPA's cleanup continues to be protective of public health, the Agency is also conducting a vapor intrusion (VI) study as a precautionary measure to confirm that public health remains fully protected. **This process should be completed within a year.**

Vapor intrusion may occur when chemicals in soil or groundwater migrate into indoor air. In recent years, scientific understanding of vapor intrusion, as well as the development of ways to investigate its possible presence, have allowed EPA to revisit sites where cleanup construction has been successfully completed to test indoor air.

It is important to point out that vapor intrusion is uncommon, but should be considered whenever there is nearby groundwater contamination. Studies have shown that household products are more likely to be a source of indoor air quality problems in the home than vapor intrusion from a contamination site. With this in mind, please see page 2 for more on vapor intrusion and simple steps you can take to ensure your indoor air is safe.



SITE BACKGROUND

The Industrial Lane Superfund Site includes a zoned industrial area and a 30-acre sanitary landfill. A permitted, lined landfill continues to operate on top of, and adjacent to the site.

- This site began as an unlined landfill in 1961. It was later taken over by the Chrin Brothers and operated as a permitted landfill until 1988. Past industrial uses that may also have contributed to site contamination include iron ore extraction and iron works operations.
- Contaminants that were detected in groundwater at the site include the volatile organic compounds (VOCs) vinyl chloride, trichloroethene, perchloroethene, and benzene from the former disposal activities. EPA worked with the landfill operator to address the groundwater contamination at this site and completed all physical construction of the cleanup remedy in 1999.

SNAPSHOT OF SITE CLEANUP

- Cleanup of the groundwater and the source of contamination includes: (1) closure of the unlined municipal landfill in accordance with state regulations in 1993, and (2) cleanup of groundwater to Maximum Contaminant Levels (MCLs).
- The pump-and-treat remedy for the contaminated groundwater was installed and has been operating since June 1999. The automated water level monitoring system was installed in June 2001.
- EPA is evaluating all data generated since the startup of the system to determine if it is operating adequately. The landfill owners currently are operating under a state municipal landfill permit, with oversight by the state and EPA.
- All homes that were found to be affected by the contamination have been connected to the public water system. The extension of the public water line to these homes continues to provide a safe drinking water supply to residents.

VAPOR INTRUSION QUICK FACTS

As EPA takes additional samples to confirm the cleanup that was completed at the Industrial Lane Site remains fully protective of public health, we'd like to take this opportunity to provide you with valuable information on potential sources of indoor vapors, and steps you can take to eliminate indoor vapors or gases from your home.

What is vapor intrusion?

Vapor intrusion may occur when chemicals or petroleum products are spilled on the ground or leak from underground storage tanks and give off gases or vapors that can seep inside buildings. Vapors can move through the soil and seep through cracks in basements, foundations, sewer lines and other openings. Vapor intrusion is a concern because vapors can build up to a point where the health of residents or workers in those buildings could be at risk.

Can vapors in my home come from household sources?

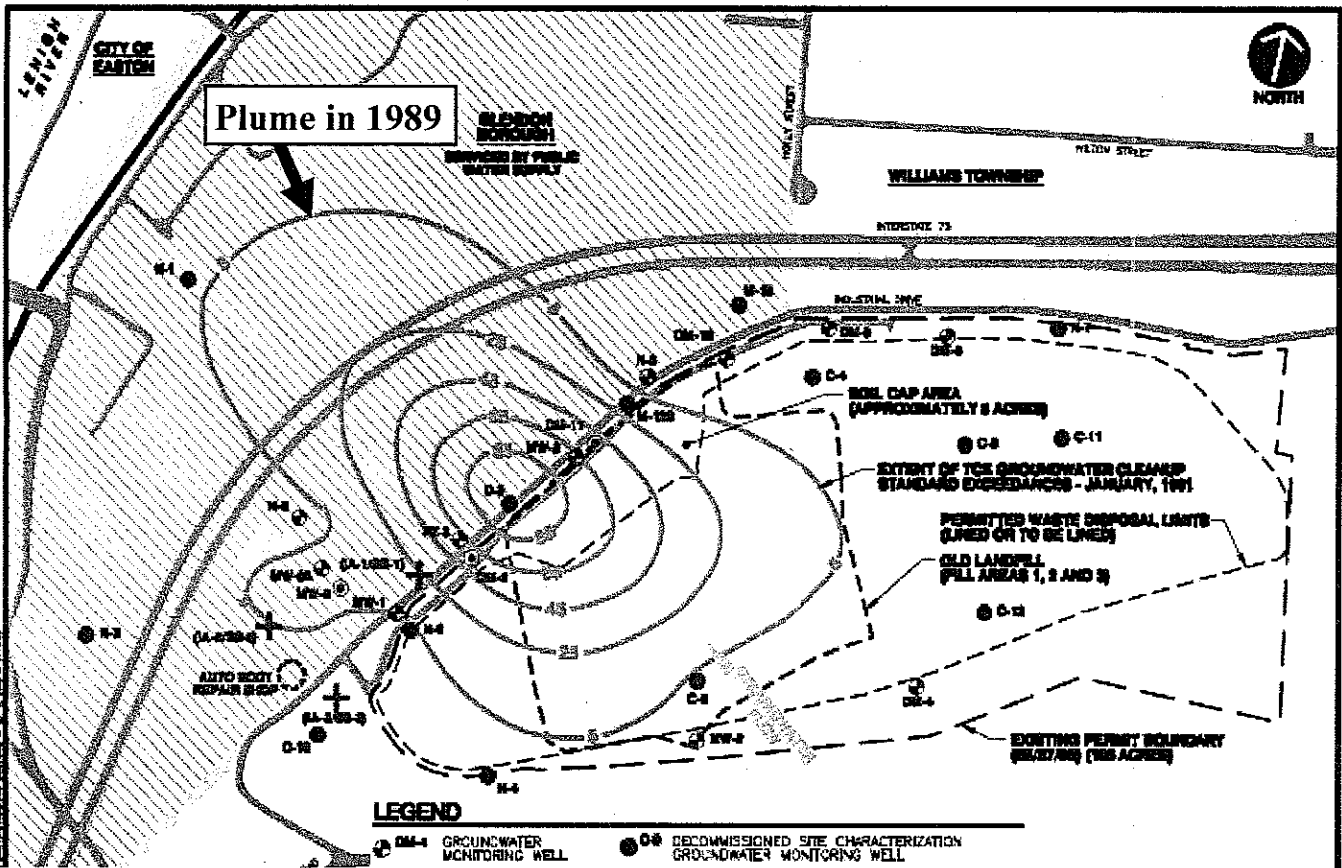
Common household products are often found to be a source of indoor air problems. Vapors and gases can come from: paints; paint strippers or thinners; moth balls; new carpeting and furniture; stored fuel; air fresheners; cleaning products; dry cleaned clothing and even cigarette smoke.

How can I improve indoor air quality?

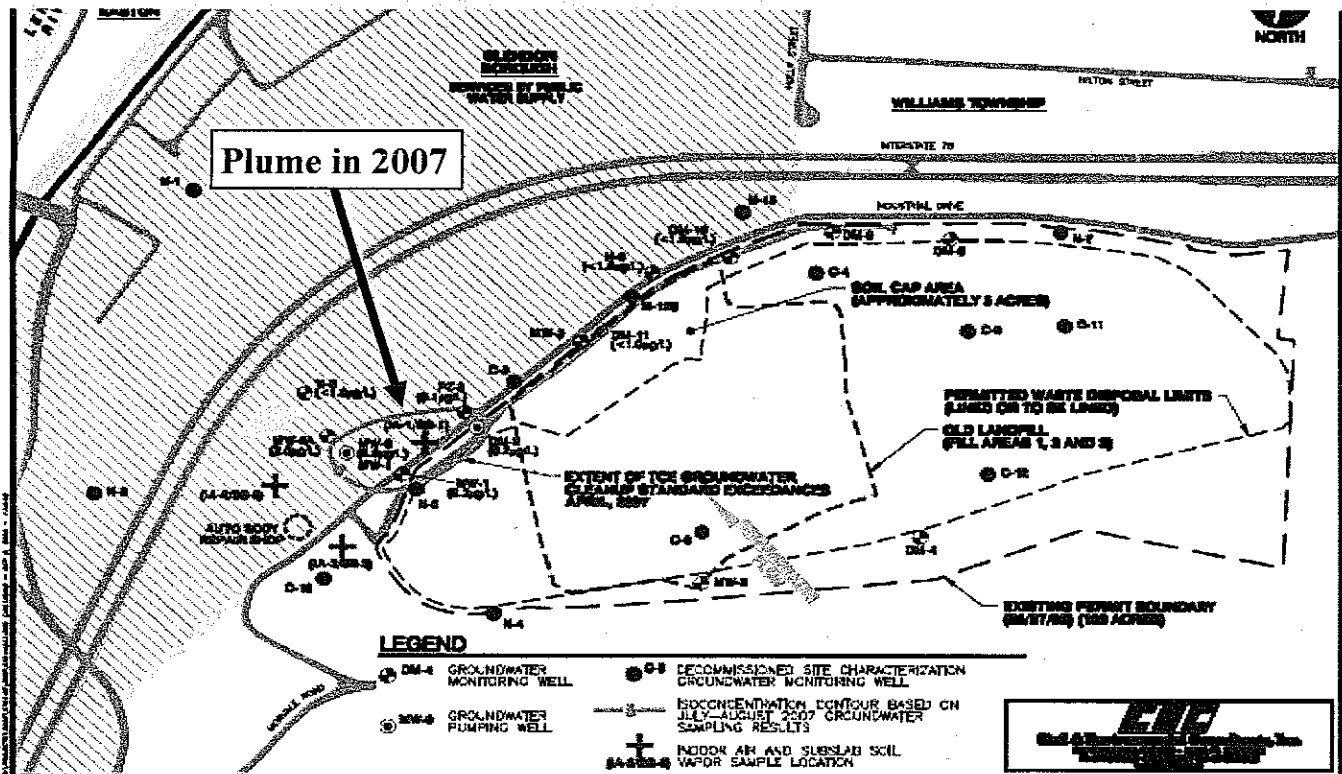
- Don't buy more chemicals than you need.
- Store unused chemicals in tightly sealed containers.
- Don't make your home too air tight. Fresh air helps prevent chemical build-up and mold growth.
- Fix all leaks promptly, as well as other moisture problems that encourage mold.
- Check all appliances and fireplaces annually.
- Test your home for radon. Test kits are available at hardware and home improvement stores.
- Install carbon monoxide detectors in your home.



BEFORE CLEANUP: This figure shows the large groundwater plume in 1989.



AFTER CLEANUP (AS OF 2007):
Groundwater plume size had reduced dramatically.



Site Contacts

For additional information about the Industrial Lane Superfund Site located in Northampton County, Pennsylvania, please contact a representative listed below:

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Additional information about the Industrial Lane Superfund Site is available on EPA's website at:

U.S. EPA Region 3 - ID # PAD980508493

www.epa.gov/reg3hwmd/super/sites/PAD980508493

Select the 'PA' link and then, on the next page, click on the 'Industrial Lane' link. To review Site-related documents, click on the 'Administrative Record' link

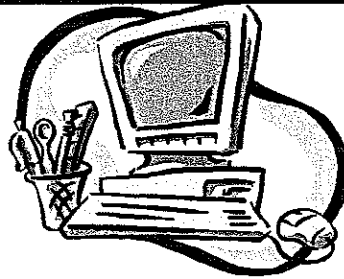
online at <http://www.epa.gov/arweb>

Administrative Records Room

1650 Arch Street

Philadelphia, PA 19103

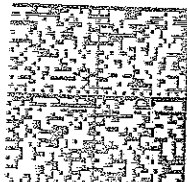
215-814-8157 (by appointment)



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U.S. Environmental Protection Agency

EPA Update for the Industrial Lane Superfund Site



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