

# EPA Signs Legal Agreement

## Valley Pike VOCs Site

Riverside, Ohio

March 2016

### Public meeting

You are invited to attend a public meeting about the Valley Pike VOCs site.

#### Stebbins High School

1900 Harshman Road  
Dayton

**Wednesday, March 30**

**6:30 – 8:30 p.m.**

### New U.S. EPA team members

#### Sonia Vega

On-scene Coordinator  
630-481-5025  
vega.sonia@epa.gov

#### Heriberto León

Community Involvement  
Coordinator  
312-886-4359  
leon.heriberto@epa.gov

EPA Region 5

77 W. Jackson Blvd.  
Chicago, IL 60604

### U.S. EPA Region 5 toll-free:

800-621-8431,  
9:30 a.m. – 5:30 p.m., weekdays

### Mullins' contact

Amy Alduino is the Mullins community relations representative for the site. You can reach her at 937-303-3669, [cicvalleypike@trcsolutions.com](mailto:cicvalleypike@trcsolutions.com), or by appointment at 2049 Harshman Road.

U.S. Environmental Protection Agency has reached an agreement with Mullins Rubber Products and Mullins Land Co. to conduct removal actions and pay for certain response costs for the Valley Pike VOCs Superfund site. This agreement, called an Administrative Order on Consent, outlines work the companies must perform:

- Maintain a project office within one-half mile of the site.
- Conduct vapor intrusion sampling at residential, commercial and church properties.
- Design and install a vapor abatement system, or VAS, if site-related contaminant levels exceed sub-slab or indoor air screening levels.
- Develop and implement a plan to confirm that screening levels are achieved for indoor air contaminants of concern.
- Develop and implement a plan to conduct annual resampling of residential and commercial structures that had initial sample results below screening levels.
- Provide \$75 annually for electric expenses (beginning January 2016) to property owners where a VAS was installed by U.S. EPA or the companies.
- Design, install and operate a soil vapor extraction system at the Mullins facility to remove source PCE and TCE contamination.

### Sampling continues

U.S. EPA has continued to take samples at homes where residents have signed access agreements. So far, EPA has taken samples from more than 470 properties and installed almost 90 vapor abatement systems. The VAS is very similar to a radon removal system common to many Midwestern houses. The process includes installing a sub-slab or crawl space depressurization system, and sealing cracks in walls and basement floors. It includes air sampling to verify the VAS is working properly.

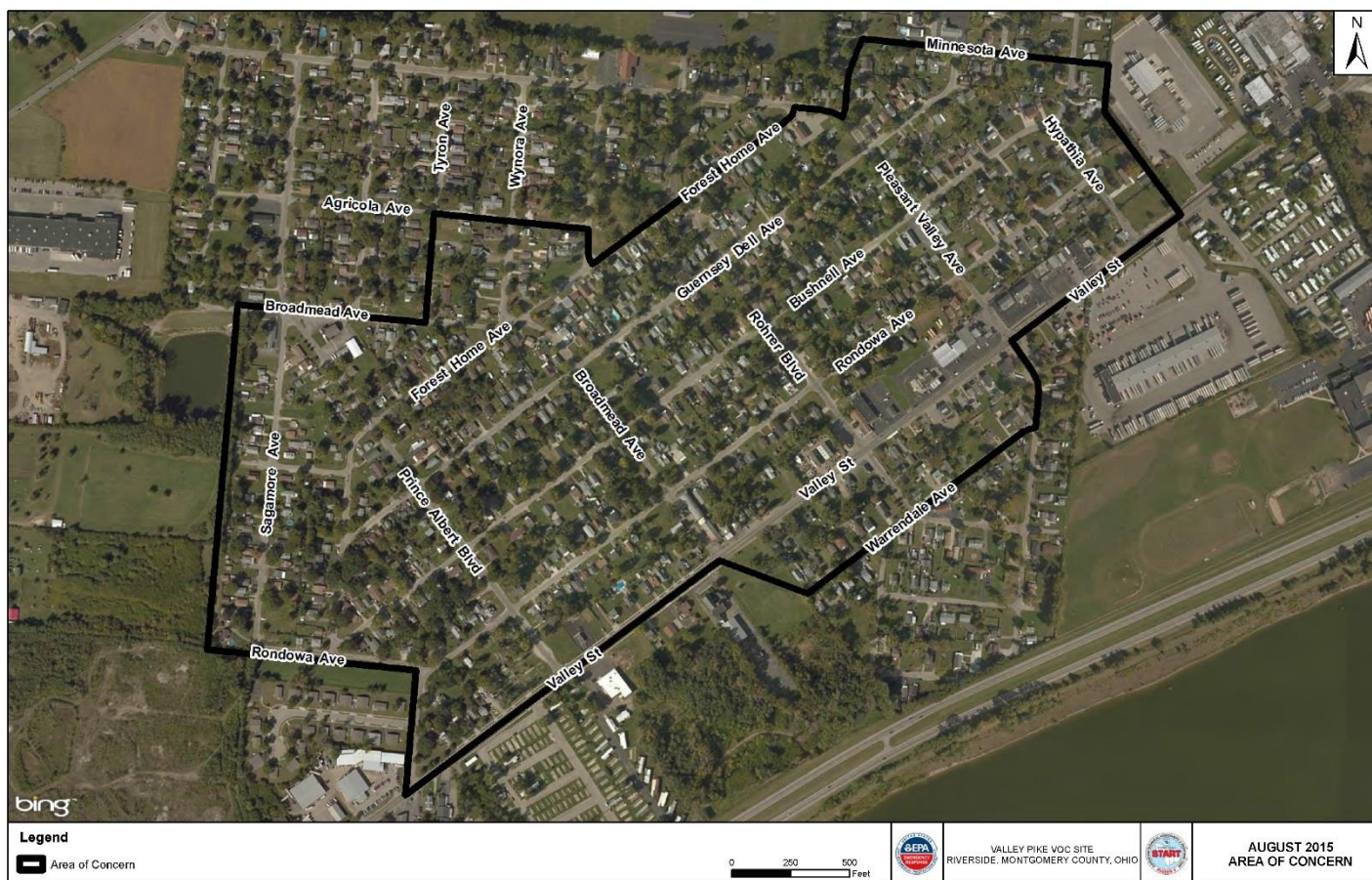
### U.S. EPA's role will change

As part of the agreement, the companies will now be responsible for obtaining additional access agreements and sampling these properties. U.S. EPA will oversee their work.

U.S. EPA is scheduling sampling for the homes with signed access agreements and preparing close-out files for all homes where sampling has been completed and where VAS systems have been installed and checked for proper functioning.

## Area of investigation

This map shows site boundaries. There are 541 properties in the area of concern.



Mullins is now using the same project office that U.S. EPA had at 2049 Harshman Road. The new phone number is 937-303-3669. Please call to make an appointment.

### Access still needed

Signed permission is still needed from many property owners and tenants (residential only) to do the vapor sampling in order to determine if vapor intrusion is occurring in residences. If the structure is a rental property, both the owner and the tenant must sign the access agreement. Completion of the access form is required for either consent (which allows the property to be tested) or denial. If you have not completed an access agreement and live within the site boundaries, please contact Mullins at the phone number in the box on Page 1. Installation of the VAS, if needed, is a free service.



## Groundwater contamination

In addition to the ongoing vapor intrusion investigation and installation of VASs, EPA is investigating groundwater contamination at the site.

## Contaminants of concern

Volatile organic compounds, or VOCs, specifically tetrachloroethylene, or PCE, and trichloroethylene, or TCE, were used as industrial solvents in the area. In a July 2013 sampling project, elevated concentrations of PCE and TCE were discovered in the groundwater and the soil gas beneath the Riverside neighborhood. Elevated PCE and TCE vapors were also discovered accumulating under the foundation in multiple residences in the neighborhood. Unsafe indoor air concentrations of PCE and TCE were also detected in homes. The drinking water, which comes from the city of Dayton's public water supply, is not impacted by these site conditions.

## Health concerns

People can be exposed to soil vapor contaminated with VOCs such as PCE and TCE when vapors from beneath a building seep through cracks and openings in the foundation and mix with the indoor air. Then it's possible for people to breathe in the contaminated vapors, but they may or may not have any health effects. That depends on several factors, including inhalation exposure, the length of exposure (short-term or acute versus long-term or chronic), the frequency of exposure, the toxicity of the VOC and the person's sensitivity to the chemical.

## National Priorities List

U.S. EPA and Ohio EPA are evaluating the site for possible addition to the National Priorities List, or NPL, also known as Superfund. This will make more comprehensive investigations possible. The NPL is a list of the most serious uncontrolled or abandoned waste sites identified for investigation and possible long-term cleanup under Superfund. Sites on the NPL are eligible for federal funding, if needed.

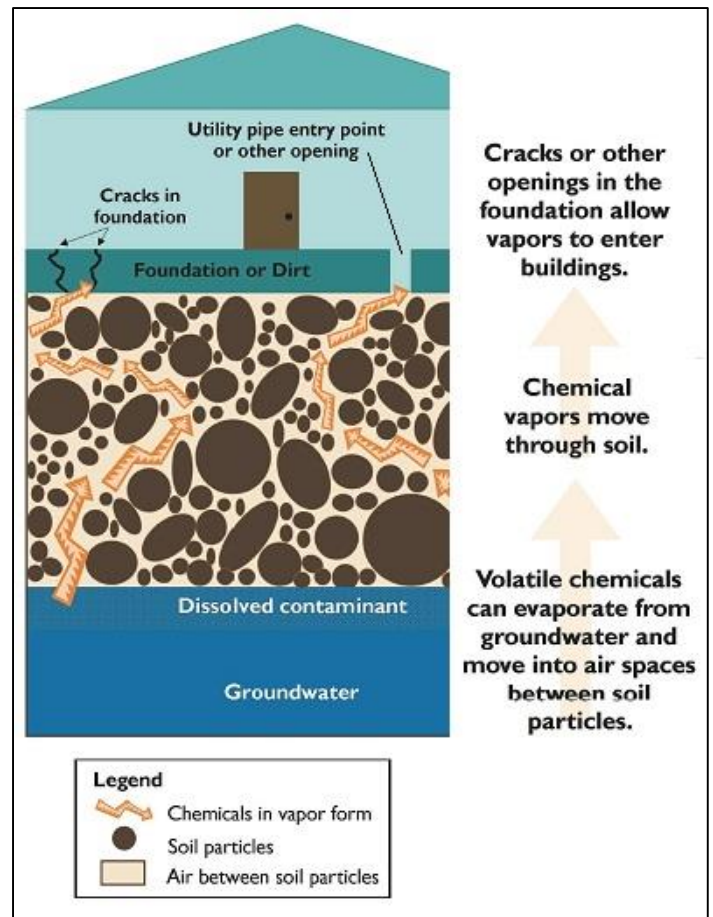
NPL proposals are published in the *Federal Register* twice a year, typically in March and September, and are subject to a 60-day public comment period. If U.S. EPA and Ohio EPA agree to propose that the site be put on the NPL, the new Valley Pike website, [www.epa.gov/oh/valley-pike-vocs](http://www.epa.gov/oh/valley-pike-vocs), will be updated.

## For more information

A copy of the Administrative Order on Consent and other information about the site can be found at [www.epa.gov/oh/valley-pike-vocs](http://www.epa.gov/oh/valley-pike-vocs).  
(Please note new website)

Updated information about proposed and new NPL sites is available at [www.epa.gov/superfund/current-npl-updates-new-proposed-npl-sites-and-new-npl-sites](http://www.epa.gov/superfund/current-npl-updates-new-proposed-npl-sites-and-new-npl-sites).

The Superfund NPL website is [www.epa.gov/superfund/superfund-national-priorities-list-npl](http://www.epa.gov/superfund/superfund-national-priorities-list-npl).



*This shows how vapors can rise from the soil and into your home.*

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Visit the new website for the Valley Pike VOCs site to get updated information:

[www.epa.gov/oh/valley-pike-vocs](http://www.epa.gov/oh/valley-pike-vocs)

**Valley Pike VOCs Site:  
EPA Signs Legal Agreement**

RETURN SERVICE  
REQUESTED

FIRST CLASS

  
United States  
Environmental Protection  
Agency  
Region 5  
Superfund Division (SI-7J)  
77 W. Jackson Blvd.  
Chicago, IL 60604-3590