



29 May 2009  
File No. 26708-098

Mr. Steve Renninger, On-Scene Coordinator  
U.S. EPA Region 5  
Emergency Response Branch  
26 West Martin Luther King Drive (G41)  
Cincinnati, Ohio 45268

Subject: Monthly Progress Report – May 2009  
Delphi VOC Plume Site  
Dayton, Ohio

Dear Mr. Renninger:

This Monthly Progress Report summarizes activities performed on the subject site in May 2009.

#### **ACTIVITIES PERFORMED**

- Performed sampling at one (1) structure included in the Phase II quarterly monitoring program. The laboratory results for the 4<sup>th</sup> sampling event at this structure indicated the property meets the decision criteria for completion of quarterly monitoring; however, U.S. EPA requested the final quarterly sampling event be repeated to verify decline in TCE in sub-slab soil vapor. Delphi agreed to repeat the sampling event and collected one sub-slab soil vapor sample and one indoor air sample, May 4-5, 2009.
- Performed annual mitigation performance monitoring at the two (2) Phase II structures in which SSD systems are installed, May 18-19, 2009. The SSD systems installed at these structures were inspected by the installation contractor concurrent with this sampling event. Sampling included collection of one (1) sub-slab soil vapor sample and one (1) indoor air sample at each structure.
- Performed baseline sampling at one (1) duplex structure located within the Phase II study area. This property had been identified for baseline sampling in the U.S. EPA-approved Phase II work plan; however, the property owner had previously been unresponsive to Delphi's requests to sample. Written authorization to sample the structure was received May 12, 2009. Baseline sampling was conducted May 18-19, 2009 and included collection of one (1) sub-slab soil vapor sample and one (1) indoor air sample from each of the two residences in the duplex.
- Forwarded to U.S. EPA, Public Health – Dayton & Montgomery County and Ohio Department of Health a figure summarizing results of monitoring of offsite permanent soil vapor monitoring points.

#### **ANALYTICAL DATA RECEIVED**

Preliminary data for sampling performed May 4-5, 2009.

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**ISSUES ENCOUNTERED / RESOLVED**

None.

**UNRESOLVED ISSUES / DIFFICULTIES**

None.

**ANTICIPATED ACTIVITIES FOR NEXT PERIOD**

- Validation of preliminary data for the sampling event performed May 4-5, 2009.
- Receipt of preliminary data for the sampling events performed May 18-19, 2009.
- Progress meetings with members of the Delphi Home Avenue Technical Committee, as appropriate.

Sincerely yours,  
HALEY & ALDRICH, INC.



Susan J. Hoertt  
Senior Scientist

Cc: W. John Ridd, Project Manager, Delphi Corporation