



6 January 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 – December 2008
Delphi VOC Plume Site
Dayton, Ohio

Dear Mr. Renninger:

This Monthly Progress Report summarizes activities performed on the subject site in December 2008.

ACTIVITIES PERFORMED

- Completed validation of preliminary laboratory analytical data for sampling events performed at five (5) structures. Prepared and mailed the results letters to the respective owners of each of the five properties:
 - Quarterly monitoring performed October 27-28, 2008 at one (1) Phase II structure (3rd sampling event);
 - Quarterly monitoring performed November 16-17, 2008 at one (1) Phase II structure (3rd sampling event);
 - Mitigation performance monitoring performed November 16-17, 2008 at two (2) Phase II structures (180-day event);
 - Quarterly monitoring performed November 16-17, 2008 at one (1) Phase I structure (4th sampling event). This event marked completion of quarterly monitoring at this property.
- Performed annual mitigation monitoring at the five (5) Phase I structures in which SSD systems are installed, December 16-17, 2008. The SSD systems installed at these structures were inspected by the installation contractor concurrent with this sampling event.
- Continued communication with Public Health – Dayton & Montgomery County on their progress in extending community outreach efforts to two (2) unresponsive properties located in the Phase I and Phase II study area.

ANALYTICAL DATA RECEIVED

- Preliminary laboratory analytical data for the following sampling events performed November 16-17, 2008:
 - Quarterly monitoring at one (1) Phase I property (4th sampling event)
 - Quarterly monitoring at one (1) Phase II property (3rd sampling event)
 - Mitigation performance monitoring at two (2) Phase II properties (180-day event).

ISSUES ENCOUNTERED / RESOLVED

None.

UNRESOLVED ISSUES / DIFFICULTIES

The electrical components of one triplex structure included in the Phase I mitigation monitoring program have been vandalized and the SSD system was observed to be not operating during the annual mitigation performance monitoring event conducted at that location, December 16-17, 2008. The southern most rental unit in the building, the location at which the SSD fan assembly has been installed, was vacant at the time of the sampling event and the electric meter was observed to have been vandalized. No samples were collected from this rental unit, as windows on the second story were open or missing and the entrance to the unit has been boarded closed.

The electric meter to the northern most rental unit in the triplex was observed to be vandalized, and thus, no electrical service was available in that unit. The sub-slab sampling point for the triplex structure is located in this unit. The tenants occupying the center unit of the triplex claimed to be relatives of the tenants of the northern unit and provided the sampling team access to that unit. They reported that the northern unit is not regularly occupied. One (1) sub-slab soil vapor sample and one (1) indoor air sample was collected from the basement of this unit.


The rental unit located in the center of the building had electrical service and was occupied at the time of the sampling event. One (1) indoor air sample was collected from the basement of this unit.

The owner of the triplex has reported to Delphi that he intends to have the building vacated and demolished in the near future. Delphi verified with the City of Dayton Building Department on December 18, 2008 that a demolition permit has not been obtained for the structure. Delphi has reported to U.S. EPA and Public Health – Dayton & Montgomery County the status of this structure. Preliminary laboratory analytical results for the samples collected December 16-17, 2008 are anticipated in early January 2009.

ANTICIPATED ACTIVITIES FOR NEXT PERIOD

- Receipt and validation of preliminary laboratory analytical data for sampling performed December 16-17, 2008.
- Distribution of results letters relative to data validated in January 2009.
- Performance of the 4th sampling event at one (1) Phase II quarterly monitoring structure.
- Progress meetings with members of the Delphi Home Avenue Technical Committee, as appropriate.

Sincerely yours,
HALEY & ALDRICH, INC.


Susan J. Hoertt
Senior Scientist

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

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