



5 March 2010
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 – February 2010
Delphi VOC Plume Site
Dayton, Ohio

Dear Mr. Renninger:

This Monthly Progress Report summarizes activities performed on the subject site in February 2010.

ACTIVITIES PERFORMED

- Annual mitigation performance monitoring at each of the six structures currently included in the program, February 16-17, 2010.
- Site reconnaissance to verify status of one uninhabitable nuisance property formerly included in the mitigation program. The property appears to be uninhabitable in its current condition, with windows and doors boarded and no electrical service. The City of Dayton Department of Building Services indicated in January 2010 the property remains in their nuisance program and they plan to demolish the structure. U.S.EPA concurred in January 2010 that mitigation monitoring could be discontinued at this property.

ANALYTICAL DATA RECEIVED

None.

ISSUES ENCOUNTERED / RESOLVED

- Received on February 12, 2010 on the toll free hotline, resident's inquiry about the operating condition of sub-slab depressurization (SSD) system installed at that person's home. The resident requested verification that the system was running. Haley & Aldrich responded to the inquiry later that day and inspected the SSD system. Haley & Aldrich's inspection on February 12, 2010, confirmed the SSD system appeared to be functioning properly: the SSD system fan was running and sub-slab depressurization was demonstrated on the U-tube installed on the system, at approximately 3" water. Haley & Aldrich verified through conversation with the resident that the SSD system operating condition observed during their inspection on February 12, 2010, was consistent with normal operation of the system, and no changes had been observed. No further action was warranted.

On February 16-17, 2010, Haley & Aldrich performed the routine annual mitigation performance monitoring event at this structure, as scheduled prior to receipt of the inquiry. Annual mitigation performance monitoring activities included collection of one sub-slab soil vapor sample, one indoor air sample, and inspection of the SSD system, pursuant to the U.S. EPA-approved Phase I Work Plan. The SSD system was again confirmed to be in proper working order on February 16-17, 2010, with sub-slab depressurization demonstrated at 2.4" water on the system's U-tube, and sub-slab vacuum measured with a digital manometer at the permanent sub-slab soil vapor monitoring point at -0.325". Laboratory analytical results for the samples collected are pending.

UNRESOLVED ISSUES / DIFFICULTIES

None.

ANTICIPATED ACTIVITIES FOR NEXT PERIOD

- Receipt and validation of laboratory analytical data for annual mitigation performance monitoring event conducted in February 2010.

Sincerely yours,
HALEY & ALDRICH, INC.



Susan J. Hoertt
Senior Scientist

Cc: W. John Ridd, Project Manager