

Neighborhood Update

Madison Kipp Corporation Investigation & Cleanup
Wisconsin Department of Natural Resources (DNR)



Date: 3/08/2013

To keep the neighborhood well advised of progress in the investigation and cleanup at the Madison Kipp Corporation Property, DNR will release updates directly to neighbors through the DNR's website (dnr.wi.gov, search: "Kipp") and through this e-newsletter system. DNR will make efforts to notify property owners and tenants, in advance, when specific data is released that references their property or an adjacent location.

Completion of the off-site vapor investigation

As mentioned in the last update, the Wisconsin Department of Natural Resources (DNR), in consultation with the Wisconsin Department of Health Services (DHS) and Public Health Madison & Dane County (PHMDC), has determined the vapor investigation in the Madison Kipp Corporation (MKC) neighborhood to be complete.

The DNR completed the vapor intrusion investigation at privately-owned properties in the MKC neighborhood in November 2012. Sub-slab soil vapor and indoor air samples were collected at 47 homes. The testing was in follow-up to the discovery of tetrachloroethylene (PCE) vapors beneath three homes located in close proximity to PCE contaminated soil on the MKC property. The investigation revealed that all 47 homes are well below U.S. Environmental Protection Agency (EPA) 2012 health based screening values for PCE in indoor air and sub-slab vapor.

[Click here](#) to view the report in full.

Additionally, soil vapor probe results show that the SVE system has been effective in reducing soil vapor concentrations within the area of influence of the SVE wells.

Soil vapor probe results from 2009 to 2012 are available [here](#) and [here](#).

On-site PCB investigation

Following the discovery of PCBs under MKC's facility, the DNR requested an investigation be performed to define the full extent and nature of the contamination. The investigation has been completed and on Feb. 14 Arcadis submitted their report to the DNR. As part of the investigation, 68 soil samples were collected and tested for polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), metals listed under the Resource Conservation Recovery Act (RCRA), and total cyanide.

Groundwater samples taken from four monitoring wells beneath the facility were also collected and tested for PCBs, VOCs, PAHs, and dissolved RCRA metals.

The results for both soil and groundwater tests can be found in the report. [Click here](#) to view the report.

The DNR is currently evaluating the report in cooperation with the EPA to determine what remedial actions are necessary.

Update on groundwater sampling

MKC's consultant Arcadis continues its investigation of on- and off-site deep groundwater by testing the feasibility of In-Situ Chemical Oxidation (ISCO) to remediate the VOC contamination. The ISCO pilot test is ongoing, but interim groundwater monitoring has confirmed a reduction of PCE. Further testing will be done to help develop a long-term remedial strategy.

[Click here](#) to view the ISCO pilot test report.

Progress report

The DNR has made available an Arcadis progress report that provides a summary of the activities completed from January 31 through February 14, 2013. A copy of this report and additional progress reports are available at the Hawthorne Public Library.

[Click here](#) to view Arcadis' progress report.

Additional Resources

Where Can I Find More Information?

- Website:** dnr.wi.gov: Search "Kipp"
- Public Document Repository:** Hawthorne Public Library Information Desk
For hours and contact information visit
www.madisonpubliclibrary.org/hawthorne, 608-246-4548

Whom Can I Contact to Ask a Question or Make a Comment?

- DNR Soil/Groundwater Cleanup & General Community Concerns:** Linda Hanefeld, WDNR Team Supervisor
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- Health Effects of Contamination:** John Hausbeck, Public Health – Madison & Dane Co.
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