

Neighborhood Update

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



Date: 09/26/2012

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.

Update on Vapor Screening Activities at Area Homes

The Wisconsin Department of Natural Resources (DNR) and Madison Kipp's environmental consultants continue to screen the homes near Madison Kipp Corporation to make sure residents are not being exposed to harmful vapors from the chemical tetrachloroethene (PCE).

The department has continued to sample houses and will be completing its subslab and indoor air sampling efforts over the next several weeks. The DNR is offering mitigation systems to some residents. To date, 21 homes have been offered mitigation systems. Of those, 19 systems have been installed and two installations are pending.

Also, the soil vapor extraction system installed on the Kipp property continues to operate.

[Click here](#) to view a map showing the status of residential vapor sampling and installed mitigation systems.

Update on Soil Sampling Results

The DNR has also received and is analyzing results of soil samples collected in August from the yards of eight homes bordering Madison Kipp Corporation (MKC) on South Marquette Street (206-230) and 261 Waubesa Street. The samples were screened for eight different metals, 18 polynuclear aromatic hydrocarbons (PAHs) and cyanide.

For PAH results, all exhibited one or more PAH screening level exceedances. As explained at individual availability sessions, PAHs are present in urban settings and result from any combustion, including backyard grilling, fire pits and automotive exhaust in addition to industrial processes.

It is important to note that screening levels applied to PAHs and other contaminants are conservative and highly protective of public health and the

environment. Screening level exceedances do not mean there is a health or environmental risk, but rather help determine if additional actions are necessary.

Sampling results were shared with the individual residents through a letter from MKC's consultant. The DNR followed up with these residents through a letter or phone call and held a community meeting on September 18 where residents could meet face-to-face with agency staff and state and local health officials to discuss the results.

Additionally, finalized sampling results are also available for testing that occurred between April and August 2012. MKC collected 121 shallow soil samples from a total of 32 neighboring homes. The samples were screened for levels of 60 volatile organic compounds (VOCs) including TCE and PCE, seven polychlorinated biphenyls (PCBs), eight different metals, 18 polynuclear aromatic hydrocarbons (PAHs) and cyanide.

For PCBs, all of the results showed either no detection or the detections were below the DNR residential action level of 0.22 ppm (mg/kg) and below EPA's residential action level of 1 ppm (mg/kg) for PCBs. There were also detectable amounts of PCE, and metals at multiple locations as well, but these results were also below the protective screening levels.

As always, DNR staff and state health officials are available if you have any questions or would like more information. Please see the contact information at the end of this newsletter to talk to agency staff.

Please see the maps depicting the most recent sampling results.

[PCB Map](#)

[PAH Map](#)

[VOC Map](#)

[Corresponding Data Tables](#)

Update on Groundwater Sampling

MKC's consultants will be starting additional on- and off-site deep groundwater investigation work this week. The testing will inform the DNR of any possible contamination, and remedial actions will be taken as necessary to protect the short- and long-term health of neighboring residents and the environment.

Next Steps – Cleanup Plan

A remedial action work plan for onsite PCB contaminated soils is being prepared by MKC's consultant. Pending DNR and EPA approval, it will be implemented in

the fall. Once additional sampling results are available, the DNR and EPA will be reviewing those results to determine what remedial actions are necessary.

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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