From:	Heinze, Cody W - DNR
To:	amandpm@frontiernet.net
Cc:	Kloczko, Nathan F - DHS; Scott Cole; nick.mau@shawanocountywi.gov
Subject:	Imminent Risk - Action Needed at Martin's One Hour Drycleaners, BRRTS # 02-59-231063
Date:	Tuesday, September 24, 2024 3:59:00 PM
Attachments:	image001.png image002.png image003.png image004.png image005.png 20240924_99_Imminent_Risk_Ltr.pdf p02480.pdf 20210325_DNR_VI_Immed.Response_Inquiry_DHS_Reply-Combined.pdf

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Hi Arlene,

Please find attached a letter stating the actions that should be completed at the referenced site. Within the letter is a link to a list of self-identified environmental service contractors.

As stated within the letter:

- Please submit verification that you have hired an environmental consultant within 14 days of receipt of this letter, by October 8, 2024.
- Please respond indicating your intentions to move forward with the additional vapor intrusion investigation within 30 days of receipt of this letter, by October 24, 2024.

Please be aware, employees that work in the building may be contacted by DHS regarding the potential health concerns at the property.

Thanks,

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Cody W. Heinze
Pronouns: he, him, his
Northeast Region Spill Coordinator – Hydrogeologist
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2984 Shawano Avenue, Green Bay WI 54313-6727
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DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
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Tony Evers, Governor

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WISCONSIN
DEPT. OF NATURAL RESOURCES

September 24, 2024

ARLENE MARTIN
229 EAST 5th STREET, APT 3
SHAWANO WI 54166
Via Electronic Mail only to amandpm@frontiernet.net

SUBJECT: Imminent Risk - Action Needed at Martin's One Hour Drycleaners
1025 East Green Bay Street, Shawano, WI
DNR BRRTS # 02-59-231063

Dear Mrs. Martin,

On June 7, 2021, the Wisconsin Department of Natural Resources (DNR) received sub-slab and sewer vapor data (Report) for the Martin's One Hour Drycleaner (02-59-231063) site and surrounding properties. The Report was prepared by Ayres Associates on your behalf and was submitted without fee for DNR review and response. The DNR reviewed the Report and, on June 8, 2021, stated a vapor mitigation system (VMS) is necessary for the Martin's building and indoor air sampling may be needed in the future. In an email dated April 15, 2022, the DNR again stated a VMS needs to be installed. On June 30, 2023, the DNR was informed Ayres Associates was no longer contracted to complete work for the site. Since then, the DNR has made requests for additional work to be completed at the site including installation of a VMS with no known work occurring.

DNR is requesting the following necessary actions be completed:

1) Installation of a Vapor Mitigation System

   Wis. Admin. Code ch. NR 708.11(1)(b) states that the DNR may require the use of a VMS, or other engineering control, when vapor concentrations beneath a slab, foundation, or building exceed a vapor risk screening level (VRSL). Vapor mitigation is necessary at the Martin's One Hour Drycleaners building located at 1025 East Green Bay Street due to the presence of tetrachloroethylene (PCE) & trichloroethylene (TCE) in sub-slab vapors at concentrations exceeding the applicable VRSLs. Install a VMS at the Martin's One Hour Drycleaners building located at 1025 East Green Bay Street as soon as possible and conduct VMS commissioning activities such as indoor air sampling and pressure field extension testing to demonstrate that the VMS is effectively mitigating the vapor intrusion pathway. DNR strongly recommends contracting a National Radon Proficiency Program (NRPP)-certified mitigator experienced with chemical vapor mitigation that follows the American National Standards Institute / American Association of Radon Scientists and Technology (ANSI/AARST) standard.

   An interim action report containing the VMS as-built construction documentation, results of VMS commissioning activities, VMS maintenance plan, VMS inspection log, and all other information required by Wis. Admin. Code § NR 724.15 should be submitted within 60 days after the completion of installation and commissioning activities. Guidance regarding vapor intrusion mitigation and VMS commissioning can be found in Section 10, Appendix D, and Appendix E of DNR guidance document *Addressing Vapor Intrusion at Remediation and Redevelopment Sites in Wisconsin* (RR-800).

2) Indoor air sampling

Conduct indoor air sampling at the on-site building as soon as possible to determine whether exposure to contaminant vapors is occurring. The indoor air samples should be collected in locations with the highest potential for impacts including near known source areas and near potential preferential pathways for vapor entry. The results of the indoor air sampling should be evaluated to determine if immediate actions such as placement of air treatment units, ventilation, or worker relocation are warranted.

3) Remedial Action

Due to the presence of PCE & TCE in sub-slab vapors at concentrations exceeding the applicable vapor risk screening level, remedial action(s) to reduce the mass and concentration of volatile compounds to the extent practicable must be completed prior to case closure per Wis. Admin. Code § NR 726.05(8)(b)1.

Special Vapor Intrusion Concern with Trichloroethylene:

Contamination that includes TCE, a chlorinated solvent and common degreaser, is of special concern from a human health perspective due to its potential for acute (short-term) health risks at relatively low concentrations in air. Vapors can travel from contaminated soil or groundwater and along preferential pathways, such as within sewer lines, and enter occupied buildings. This is known as vapor intrusion (VI). Because TCE is a contaminant of concern at the site, assessment of the vapor intrusion pathway and the actions requested below should be prioritized and completed as soon as possible. For additional information regarding the potential health risks associated with TCE, see the attached Department of Health Services (DHS) fact sheet "TCE in the Air." Please also find attached a letter entitled DHS response to Request for Assistance: Actions for Trichloroethylene at Acute Risk Levels. This letter provides recommendations for when immediate action is needed.

Schedule:

To ensure response actions you plan to undertake comply with Wisconsin law, you should hire an environmental consultant within 14 days of receipt of this letter. By **October 8, 2024**, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. A list of self-identified environmental service contractors can be found at: https://apps.dnr.wi.gov/botw/GetContractors.do.

Within 30 days of receipt of this letter, **by October 24, 2024**, please respond via e-mail indicating your intentions to move forward with the necessary actions and additional VI investigation in a timely manner. If you have questions concerning the activities described in this letter, please do not hesitate to contact me at codyw.heinze@wisconsin.gov or (920) 883-9383.

Sincerely,

Cody W. Heinze
Hydrogeologist
Remediation & Redevelopment Program

cc: Nathan Kloczko, DHS - nathan.kloczko@dhs.wisconsin.gov
Scott Cole, Martin's Cleaners - martinscleaners.scott@gmail.com
Nick Mau, Shawano County – nick.mau@shawanocountywi.gov

Attachments: P-02480: TCE in the Air
DHS response to Request for Assistance: Actions for Trichloroethylene at Acute Risk Levels