State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
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December 8, 2021

Mr. Amin Bhimani
Lapham of Milwaukee, LLC
2434 West National Avenue
Milwaukee, WI 53204

Subject: Reported Contamination at 605 West Lapham Boulevard, Milwaukee, WI
DNR BRRTS Activity # 03-41-588777

Dear Mr. Bhimani:

On November 8, 2021, Dr. Raghu Singh of OM Enterprises, Inc. (OM), on behalf of Lapham of Milwaukee, LLC (Lapham), notified the Wisconsin Department of Natural Resources (DNR) that contaminated soil associated with an underground storage tank (UST) removal had been identified at the property located at 605 West Lapham Boulevard (Property), Milwaukee, Wisconsin. On November 29, 2021, the DNR received an Underground Storage Tank Site Assessment report for the Property, prepared by General Engineering Company on behalf of Lapham and dated October 26, 2021. The report documented laboratory detections of petroleum volatile organic compounds (PVOCs) in soil samples above applicable soil cleanup standards, indicating that a hazardous substance discharge had occurred, or environmental pollution is present on the Property.

Information submitted to the DNR indicates that Lapham, as current owner of the Property, is in control of the discharged hazardous substance and is therefore responsible for the discharged hazardous substance or other environmental pollution (hereafter referred to as "contamination") at the above-described property. "Site" refers to the property where the contamination occurred and any other property it has migrated to, as defined in Wisconsin Administrative Code ("Wis. Admin. Code") § NR 700.03(56).

This letter explains how to initiate the investigation and cleanup of contamination of the site, and how to access further information and assistance from the DNR. The longer contamination is left in the environment, the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs to investigate and clean up the contamination.

Legal Responsibilities:

Persons meeting the definition of "responsible party" under Wis. Admin. Code § NR 700.03(51) must follow applicable law to address the discharge of a hazardous substance to the environment or other environmental pollution. Wisconsin Statutes ("Wis. Stat.") ch. 292 and Wis. Admin. Code chs. NR 700-799 provide specific requirements for undertaking appropriate response actions to address contamination, including requirements for emergency and interim actions, public information, site investigations, remedy selection, design and operation of remedial action systems, and case closure.

Special Vapor Intrusion Concern with Trichloroethylene:

Contamination that includes trichloroethylene ("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. TCE is also a breakdown product of tetrachloroethylene ("PCE," also known as "Perc"), a historically common dry-cleaning chemical. 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). Screening for VI must be conducted at every contaminated site in Wisconsin, as defined in Wis. Admin. Code § 716.11(5)(a). **However, when TCE is present, screening for VI should be made a priority and an interim action under Wis. Admin. Code § NR 708.11 may be necessary.** For an overview on VI, see *What is Vapor Intrusion?* (RR-892). For more information, go to dnr.wi.gov and search "vapor." Additional technical guidance on VI is available in *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin* (RR-800).

General Recommendations for Responsible Parties:

The DNR recommends that you:

1. Hire a Qualified Environmental Consultant

To ensure response actions you plan to undertake comply with Wisconsin law, you should hire an environmental consultant within **30 days,** by January 7, 2022, to meet the regulatory deadlines listed below. A delay in hiring an environmental consultant could result in you missing key submittal deadlines.

Hiring a consulting firm with staff that have the appropriate state of Wisconsin qualifications to supervise and certify the submittals is a critical component and necessary to meet your requirements. Further, an environmental consultant should be knowledgeable of Wisconsin's technical procedures and laws, and be able to answer questions regarding cleanup requirements. Required qualifications for environmental consultants are specified in Wis. Admin. Code ch. NR 712. See *Wis. Admin. Code ch. NR 712 Qualifications and Certifications* (RR-081), for more information.

2. Properly Submit Reports on Time with Required Information Included

Wisconsin law includes timeframes for submitting technical documents and conducting work, as well as specifications for what should be included in those submittals. This letter provides a general overview of the timeframes and first steps to take for site investigation and cleanup. For an overview of timing requirements, please refer to *NR 700 Process and Timeline Overview* (RR-967).

The DNR developed the publication *Guidance for Electronic Submittals for the Remediation and Redevelopment Program* (RR-690), to assist responsible parties and consultants in properly submitting documents. Wis. Admin. Code § NR 700.11(3g) and other specific provisions within Wis. Admin. Code ch. NR 700 outline the requirements for submittals, including electronic submittals.

3. Consider the Benefits of a Fee-based Technical Review of your Submittals

In-depth DNR review of technical reports and submittals is available for a fee. The Remediation and Redevelopment (RR) Program project managers are available throughout the process to answer general questions and provide general input as the site moves toward case closure. However, if you want a formal, written response from the DNR, or would like to request a meeting with the DNR, a review fee will be required in accordance with Wis. Admin. Code ch. NR 749. **Obtaining technical assistance from DNR project managers throughout the process is an effective way to prevent problems and delays at the end of the process when case closure is requested.** Forms, a fee schedule and further information on technical assistance is available at dnr.wi.gov by searching "brownfield fees."

Required Steps to Take and Documents to Submit:

The steps listed below serve as a general overview only—all mandatory steps and submittals specified in Wis. Admin. Code chs. NR 700-799 must be met before the DNR can grant case closure, which is a determination by the DNR that no further cleanup is necessary at a site, as defined in Wis. Admin. Code § NR 700.03(3m).

1. **Scoping and Work Plan Submittal – NR 716.07 and 716.09**: The law requires that you appropriately scope your site investigation and submit a work plan within **60 days of this notification,** by February 6, 2022. The work plan must comply with the requirements in Wis. Admin. Code chs. NR 700-799. For additional assistance, visit the DNR's website at dnr.wi.gov and search "site investigation scoping."

   Per Wis. Admin. Code § NR 716.07 and NR 716.09, site investigation scoping and work plans should include an evaluation of the history of the site or facility, including industrial, commercial, or other land uses that may have been associated with one or more hazardous substance discharges at the facility. In addition, an evaluation of the history of previous hazardous substance discharges or environmental pollution, the location of the site or facility, and its proximity to other sources of contamination must be included. Site investigation work plans should also include a sampling and analysis strategy to be used during field investigation that considers all information in the evaluation conducted under Wis. Admin. Code § NR 716.07. Emerging contaminants discharged to the environment, including perfluoroalkyl and polyfluoroalkyl substances (PFAS) and 1,4-dioxane, meet the definition of a hazardous substance or environmental pollution under Wis. Stat. § 292.01 and must be considered during site investigation scoping.

   Prior to and during a site investigation, you must evaluate whether any interim actions are needed to contain or stabilize a hazardous substance discharge or environmental pollution, pursuant to Wis. Admin. Code § NR 708.11. If you undertake an interim action (e.g., free product removal), you must submit documentation of the action per Wis. Admin. Code § NR 708.15.

   As you develop the site investigation work plan, you must include an assessment of the vapor intrusion pathway. Wis. Admin. Code § NR 716.11(5) outlines the requirements for when to evaluate for the presence of vapors in the sub-surface and in indoor air. The results and conclusions from the vapor assessment must be included in the Wis. Admin. Code § NR 716.15 site investigation report whether or not you elected to take vapor samples. *Addressing Vapor Intrusion at Remediation & Redevelopment Sites in Wisconsin* (RR-800), is available to help responsible parties and their consultants comply with these requirements.

2. **Field Investigation – NR 716.11**: Following submission of the work plan, the site investigation must be started within the timeframe provided under law. The timeframe varies depending on whether you are requesting the DNR's fee-based review of the work plan. If you do not request a fee-based review of the work plan, you must initiate the field investigation within 90 days of submitting the work plan, and you may proceed with the field investigation upon DNR notification to proceed; however, if the DNR has not responded within 30 days from submittal of the work plan, you may then proceed with the field investigation.

If a fee and request for DNR review of the work plan is submitted, the field investigation must begin within 60 days after receiving DNR approval.

3. **Sample Results Notification Requirements – NR 716.14**: You must report sampling results to the DNR, owners, occupants and various other parties within 10 business days after receiving the sampling results, unless a different timeframe is approved by the DNR, in accordance with Wis. Admin. Code § NR 716.14.

4. **Site Investigation Report – NR 716.15**: Within 60 days after completion of the field investigation and receipt of the laboratory data, the law requires you to submit a Site Investigation Report (SIR) to the DNR. As part of the SIR or in the Remedial Actions Options Report (RAOR), if there is soil contamination, the responsible party shall identify the current land use (*i.e.*, industrial or non-industrial) and zoning for the site or facility in accordance with Wis. Admin. Code § NR 720.05(5). Also, as part of the SIR or in the RAOR, you must include any interim action report that may be required under Wis. Admin. Code § NR 708.15.

5. **Remedial Actions Options Report – NR 722**: Within 60 days of submitting the SIR, the law requires you to submit a RAOR. The selected remedy in the RAOR should include an evaluation of green and sustainable remediation criteria, as appropriate, as required by Wis. Admin. Code § NR 722.09(2m). This may be submitted as part of a broader SIR.

6. **Remedial and Interim Action Design, Implementation, Operation, Maintenance and Monitoring Reports – NR 724**: Unless otherwise directed by the DNR, the responsible party shall submit all plans and reports required by Wis. Admin. Code ch. NR 724.

7. **Notification of Residual Contamination or Continuing Obligations – NR 725**: In situations where notification is required, the responsible party must provide a submittal(s) that confirms continuing obligations have been identified and affected property owners have been notified by the responsible parties 30 days prior to case closure, as required by Wis. Admin. Code ch. NR 725 and § NR 726.13(1)(d).

8. **Semi-Annual Reporting – NR 700.11**: Wis. Admin. Code § NR 700.11(1)(a) requires responsible parties to submit semi-annual site progress reports to the DNR until case closure is granted. The reports summarize work completed over the previous six months and additional work planned to adequately complete the response action at the site. Consultants may submit these reports on behalf of responsible parties. These reports are due in January and July of each year. Please refer to DNR publication *NR 700 Semi-Annual Site Progress Report* (RR-082) for more information.

Submittals required under Wis. Admin. Code chs. NR 700-799

These documents, as applicable, must be submitted to the DNR prior to the responsible party requesting case closure, unless otherwise directed by the DNR:

- ☐ Ch. NR 708 reports and documentation for any immediate or interim actions.
- ☐ Ch. NR 712 professional certifications and signatures are included with applicable submittals.
- ☐ Ch. NR 716 work plan(s) and site investigation report.
- ☐ Ch. NR 722 remedial action options report (exception is for Dry Cleaners Environmental Response Fund sites), with the selected remedial action identified.
- ☐ Ch. NR 724 design, construction documentation, operation, maintenance and monitoring plans and reports, including vapor mitigation commissioning.
- ☐ Ch. NR 725 submittal(s) that confirms that continuing obligations have been identified and affected property owners have been notified by the responsible parties 30 days prior to requesting case closure.
- ☐ If requesting case closure, the Ch. NR 726 case closure form and documentation substantiating compliance with the NR 700 rule series.
- ☐ Ch. NR 749 fees have been paid, as applicable, including closure and database fees.
- ☐ Ch. NR 700 semi-annual site progress reports starting six months after notification.

Additional Information:

The DNR tracks information on all cleanup sites in a DNR database available at dnr.wi.gov by searching "BOTW." The Bureau for Remediation and Redevelopment Tracking System (BRRTS) identification number for this site is listed at the top of this letter. You may view information related to your site on this database at any time.

Due to current workload constraints, management of this site has been transferred to the Remediation and Redevelopment Program's Northern Region. As such, **payments associated with any fee-based submittals should be directed to the following address:**

Wisconsin Department of Natural Resources
Remediation and Redevelopment Program
Attn: RR Program Assistant
223 E. Steinfest Road
Antigo, WI 54409

All correspondence regarding this site should be directed to:

Wisconsin Department of Natural Resources
Remediation and Redevelopment Program
Attn: Jeff Paddock
107 Sutliff Avenue
Rhinelander, Wisconsin 54501
Jeffrey.Paddock@wisconsin.gov

To speed up processing, your correspondence should reference the BRRTS and Facility Identification (FID) number (if assigned) listed at the top of this letter.

Submittals required under the NR 700 rule series should be sent to the DNR using the RR Program Submittal Portal found at dnr.wi.gov by searching "RR submittal portal" (https://dnr.wi.gov/topic/Brownfields/Submittal.html). Questions on using this portal can be directed to the contact below or to the environmental program associate (EPA) for the regional DNR office by visiting dnr.wi.gov, searching "RR contacts", and selecting the EPA tab (https://dnr.wi.gov/topic/Brownfields/Contact.html).

For information on selecting a consultant, seeking financial assistance, and understanding the investigation and cleanup process, please visit the DNR's Remediation and Redevelopment Program web page at dnr.wi.gov and search "Brownfields". Information regarding review fees, liability clarification letters, post-cleanup liability, and more is also available.

Additionally, information on development at historic fill sites and licensed landfills can be found by visiting dnr.wi.gov and searching the DNR publication number (see On-line Resources below).

If you have questions or would like to discuss the situation, please contact me by phone at (715) 828-8544 or email at Jeffrey.Paddock@wisconsin.gov for more information.

Thank you for your cooperation.

Sincerely,

Jeff Paddock
Hydrogeologist - Remediation & Redevelopment Program
Northern Region

cc: Dr. Raghu B. Singh – OM Enterprises, Inc.

On-line Resources:
These DNR fact sheets can be obtained by visiting the DNR website at dnr.wi.gov and searching the DNR publication number (RR-xxx). For information on general permits, search using "wastewater general permits."

- RR-967, *NR 700 Process and Timeline Overview*
- RR-502, *Selecting a Consultant*
- RR-024, *Environmental Services Contractor List*
- RR-674, *Environmental Contamination Basics*
- RR-082, *NR 700 Semi-Annual Site Progress Report*