



November 2, 2021

Mr. Thomas O'Meara (via electronic mail)
Innovation Park Development Partners, LLC.
833 E. Michigan Street
Milwaukee, WI 53202

Subject: Request for Technical Assistance
Innovation Park
9480 Watertown Plank Road, Wauwatosa, Wisconsin
DNR BRRTS Activity #02-41-267167 FID #341030690

Dear Mr. O'Meara:

Thank you for requesting early input from the Department of Natural Resources (DNR) on regulatory requirements related to your proposed development on the contaminated (brownfield) site at 9480 Watertown Plank Road in Wauwatosa. We received the initial request form, site environmental information, and the review fee of \$700 on September 7, 2021, and a letter from your consultant The Sigma Group, Inc. (Sigma) summarizing your request for assistance, dated August 24, 2021.

During our virtual meeting on October 27, 2021, you requested concurrence with the process identified by your consultant for redevelopment of a brownfield site while following the requirements of the NR 700 Wisconsin Administrative Code series. Your consultant has correctly identified many of the steps to take. We provide the following information as it relates to your project and this property:

- Recent site investigation activities identified fill-related impacts at the site and Sigma requested an Environmental Repair Program (ERP) case be assigned. The DNR has opened an ERP case under BRRTS #02-41-588671 and is providing you the attached letter identifying your responsibilities under the Wisconsin Spills Law (Wisconsin Statute § 292.11) and the Wisconsin Administrative Code NR 700 series (NR 700).
- The NR 700 process includes completion of a site investigation (Wis. Admin. Code ch. NR 716). Based upon the information Sigma submitted, the site appears to be underlain by historically placed soil and solid waste materials, and soil and groundwater contamination have been found on the property. The degree and extent of contamination must be defined in all media. An evaluation of potential risks to receptors, both current and future, should be included in the site investigation report.
- Since the development is already planned, the required remedial options evaluation and remedial design should take into consideration the planned redevelopment features (Wis. Admin. Code ch. NR 722/724).
- Ultimately, the site response actions must meet the requirements for case closure (Wis. Admin. Code ch. NR 726). The request for case closure should identify the continuing obligations that result from the completed remedy. All property owners that will be affected by continuing obligations must be notified in advance of submitting a closure request (Wis. Admin. Code ch. NR 725).
- If this site is sub-divided in the future to different property ownerships, the DNR will assign a new ERP to each lot with known impacts and case closure will be required for each individual lot. This will allow

each individual property owner to have their own closure letter with continuing obligations as appropriate depending on the specific conditions of each lot.

- As the area is underlain by historic fill material, your consultant has correctly identified the need to obtain approval to develop on an historic fill site (Wis. Admin. Code ch. NR 506). An application was submitted on September 7, 2021 and is currently being reviewed by the DNR.
- A vapor intrusion screening assessment was included in the historic fill application. The DNR agrees with Sigma's conclusion that vapor intrusion into the proposed future structures is not a concern at the site. No vapor control technologies are required for the proposed structures based on current conditions.
- Movement and placement of contaminated soil or historic fill on the site during redevelopment is regulated by Wis. Admin. Code ch. NR 718 and the NR 500 Administrative Code series. A request under NR 718 can be included within the remedial action plan, but we recommend you follow the template provided by DNR for this request to ensure all information needed for our review is provided.

The DNR looks forward to working with you on this project. We recommend you submit plans for our approval as you proceed. The DNR encourages redevelopment of brownfield properties like this one, when done in conjunction with site investigation and remedial actions as indicated in your submittal. If you have any questions, please contact me at (414) 639-4156 or david.hanson@wisconsin.gov.

Sincerely,



David Hanson
Redevelopment Specialist
Remediation & Redevelopment Program

Attachment: RP Letter, November 2021

cc: Andrea Mullins, Irgens Partners, LLC: amullins@irgens.com
Tim Gasperetti, Irgens Partners, LLC: tgasperetti@irgens.com
Cory Katzban, The Sigma Group, Inc.: ckatzban@thesigmagroup.com
Steve Kikkert, The Sigma Group, Inc.: skikkert@thesigmagroup.com
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November 2, 2021

Mr. Thomas O'Meara
Innovation Park Development Partners, LLC
833 E. Michigan Street, Suite 400
Milwaukee, WI 53202

Subject: Reported Contamination at Innovation Park,
9480 Watertown Plank Rd., Wauwatosa, WI 53226
DNR BRRTS Activity #: 02-41-588671
DNR FID #: 341030690

Dear Mr. O'Meara:

On September 27, 2021, Cory Katzban of The Sigma Group, Inc., on behalf of Innovation Park Development Partners, LLC, notified the Wisconsin Department of Natural Resources (DNR) that soil contamination was detected at the site described above.

Information submitted to the DNR regarding this site indicates Innovation Park Development Partners, LLC is responsible for the discharge of a hazardous substance or other environmental pollution (hereafter referred to as "contamination") at the above-described site. "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 December 2, 2021, 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), enclosed.

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, a meeting with the DNR or both on a specific submittal, 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 January 3, 2022, for completing a site investigation. The work plan must comply with the requirements in Wis. Admin. Code, chs. NR 700-799. For additional assistance, the DNR has extensive guidance on its website at dnr.wi.gov, search “site investigation scoping.”

Per Wis. Admin. Code § NR 716.07 and Wis. Admin. Code § 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 after 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 that 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 the work completed over 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, search "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.

All correspondence regarding this site should be directed to:

Jennifer Dorman
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
1027 W. St. Paul Avenue
Milwaukee, WI 53233
jennifer.dorman@wisconsin.gov

To speed up processing, your correspondence should reference the BRRTS and Facility Identification (FID) numbers (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 at dnr.wi.gov, search "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. Visit dnr.wi.gov, search "RR contacts" and select the EPA tab (<https://dnr.wi.gov/topic/Brownfields/Contact.html>).

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

If you have questions, please call the DNR Project Manager, David Hanson, at (414) 639-4156 or Program Associate, Jennifer Dorman, at (608) 219-2205 for more information.

Thank you for your cooperation.

Sincerely,



Jennifer S. Dorman
Environmental Program Associate
Remediation & Redevelopment Program
Southeast Region

Enclosures:

RR-967, *NR 700 Process and Timeline Overview*
<https://dnr.wi.gov/files/PDF/pubs/rr/RR967.pdf>

RR-502, *Selecting a Consultant*
<http://dnr.wi.gov/files/PDF/pubs/rr/RR502.pdf>

RR-024, *Environmental Services Contractor List*
<http://dnr.wi.gov/files/PDF/pubs/rr/RR024.pdf>

RR-506, *VPLE Fact Sheet #2*
<http://dnr.wi.gov/files/PDF/pubs/rr/RR506.pdf>

RR-674, *Environmental Contamination Basics*
<http://dnr.wi.gov/files/PDF/pubs/rr/RR674.pdf>

RR-082, *NR 700 Semi-Annual Site Progress Report*
<https://dnr.wi.gov/files/PDF/pubs/rr/RR082.pdf>

RR-081, *Wis. Admin. Code ch. NR 712 Qualifications and Certifications*
<https://dnr.wi.gov/files/PDF/pubs/rr/RR081.pdf>

Form 4400-237, *Technical Assistance and Environmental Liability Clarification Request*
<https://dnr.wi.gov/files/PDF/forms/4400/4400-237.pdf>

cc: Cory Katzban – The Sigma Group, Inc.