



January 13, 2023

Bridgeview Associates LLP
Mr. Steve Winter
3305 N Ballard Rd Suite C
Appleton WI 54911
Via Electronic Mail Only to swinter@rolliewinter.com

Eisenhower Investments II, LLC
Mr. Chris Winter
3305 N Ballard Rd Suite C
Appleton WI 54911
Via Electronic Mail Only to cwinter@rolliewinter.com

KEEP THIS LEGAL DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Case Closure with Continuing Obligations
Calumet Village, 1717 E Calumet St, Appleton WI, 54915
BRRTS #: 02-08-585360, FID #: 455081010

Dear Mr. Winter and Mr. Winter:

The Wisconsin Department of Natural Resources (DNR) is pleased to inform you that the Calumet Village case identified above met the requirements of Wisconsin Administrative (Wis. Admin.) Code chs. NR 700 to 799 for case closure with continuing obligations (COs). COs are legal requirements to address potential exposure to remaining contamination. No further investigation or remediation is required at this time for the reported hazardous substance discharge and/or environmental pollution.

However, you, future property owners and occupants of the property must comply with the COs as explained in this letter, which may include maintaining certain features and notifying the DNR and obtaining approval before taking specific actions. You must provide this letter and all enclosures to anyone who purchases, rents or leases this property from you.

This case closure decision is issued under Wis. Admin. Code chs. NR 700 to 799 and is based on information received by the DNR to date. The DNR reviewed the case closure request for compliance with state laws and standards and determined the case closure request met the notification requirements of Wis. Admin. Code ch. NR 725, the response action goals of Wis. Admin. Code § NR 726.05(4), and the case closure criteria of Wis. Admin. Code §§ NR 726.05, 726.09 and 726.11, and Wis. Admin. Code ch. NR 140.

The Calumet Village site was investigated for a discharge of hazardous substances and/or environmental pollution from a dry cleaning operation formerly located near Unit B of the existing building. The site investigation was conducted site-wide except for the area under Unit B of the existing site building where the dry cleaning equipment was located historically. Case closure is granted for the chlorinated volatile organic compounds

(CVOCs), in soil, groundwater, and vapor as documented in the case file. The site investigation addressed soil, groundwater, and vapor. Contamination, specifically tetrachloroethylene (PCE) and/or trichloroethene (TCE), remains in soil and groundwater in the western and/or southwestern portions of the site.

The case closure decision and COs required were based on the current use of the site for commercial purposes. The site is currently zoned commercial. Based on the land use and zoning, the site meets the non-industrial land use classification under Wis. Admin. Code § NR 720.05(5) for application of residual contaminant levels in soil.

SUMMARY OF CONTINUING OBLIGATIONS

COs are applied at the following location:

ADDRESS (Appleton, WI)	COS APPLIED	DATE OF MAINTENANCE PLAN(S)
1717 E. Calumet Street (Source Property)	Residual Soil Contamination	Not Applicable
	Cover (Maintenance Required)	November 22, 2022
	Structural Impediment	Not Applicable
	Residual Groundwater Contamination	Not Applicable
	VI – Future Concern	Not Applicable

CLOSURE CONDITIONS

Closure conditions are legally required conditions which include both COs and other requirements for case closure (Wisconsin Statute (Wis. Stat.) § 292.12(2)). Under Wis. Stat. § 292.12(5), you, any subsequent property owners and occupants of the property must comply with the closure conditions as explained in this letter. The property owner must notify occupants for any condition specified in this letter under Wis. Admin. Code §§ NR 726.15(1)(b) and NR 727.05(2). If an occupant is responsible for maintenance of any closure condition specified in this letter, you and any subsequent property owner must include the condition in the lease agreement under Wis. Admin. Code § NR 727.05(3) and provide the maintenance plan to any occupant that is responsible.

DNR staff may conduct periodic pre-arranged inspections to ensure that the conditions included in this letter and the maintenance plan dated November 22, 2022, are met (Wis. Stat. § 292.11(8)). If these requirements are not followed, the DNR may take enforcement action under Wis. Stat. ch. 292 to ensure compliance with the closure conditions.

SOIL

Continuing Obligations to Address Soil Contamination

Residual Soil Contamination (Wis. Admin. Code chs. NR 718, NR 500 to 599, and § NR 726.15(2)(b) and Wis. Stat. ch. 289)

Soil contamination remains in the southwest corner of the site at the soil sampling location GP-3 as indicated on the enclosed map (Figure B.2.b., Residual Soil Contamination, July 13, 2022). If soil in the location shown on the

map is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine if the material is considered solid waste and ensure that any storage, treatment or disposal complies with applicable standards and rules. Contaminated soil may be managed under Wis. Admin. Code ch. NR 718 with prior DNR approval.

In addition, all current and future property owners or occupants need to be aware that excavation of the contaminated soil may pose an inhalation and direct contact hazard; special precautions may be needed to prevent a threat to human health.

Cover (Maintenance Required) (Wis. Stat. § 292.12(2)(a), Wis. Admin. Code §§ NR 724.13(1) and (2), NR 726.15(2)(d) and/or (e), NR 727.07(1))

The concrete floor slab of the existing building, the concrete sidewalk, and asphalt concrete parking and drive in the area of monitoring well MW-2, as shown on the enclosed map (Figure D.2, Location Map, November 18, 2022) shall be maintained in compliance with the enclosed maintenance plan, dated November 22, 2022. The purpose of the cover is to act as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that might otherwise pose a threat to human health. The building is also considered a structural impediment; additional investigation and response requirements apply as described in the section of this letter titled Structural Impediments.

The cover approved for this closure was designed to be protective for commercial or industrial land uses. Before using the property for residential purposes and before taking an action, the property owner must notify the DNR to determine if additional response actions are warranted. A cover intended for industrial land uses or certain types of commercial land uses may not be protective if the property changes to a residential use. This may include, but is not limited to, single or multiple family residences, a school, day care, senior center, hospital or similar settings. In addition, a cover designed for multi-family residential housing use may not be appropriate for use at a single-family residence.

To modify or replace a cover, the property owner must submit a request to the DNR under Wis. Admin. Code ch. NR 727. DNR approval must be obtained before implementation. The replacement or modified cover must be a structure of similar permeability or be protective of the revised use of the property until contaminant levels no longer exceed Wis. Admin. Code ch. NR 720 groundwater pathway residual contaminant levels (RCLs).

Structural Impediment (Wis. Stat. § 292.12(2)(b), Wis. Admin. Code §§ NR 726.15(2)(f), NR 727.07(2))

The existing site building as shown on the enclosed map (Figure B.1.b, Detailed Site Map, July 13, 2022) made complete site investigation of the contamination on this property impracticable. Upon removal of the structural impediment, the property owner shall investigate the degree and extent of soil and groundwater contamination obstructed by the structural impediment. If contamination is found at that time, the property owner shall remediate the contamination in accordance with Wis. Admin. Code chs. NR 700 to 799.

GROUNDWATER

Continuing Obligations to Address Groundwater Contamination and/or Monitoring Wells

Residual Groundwater Contamination (Wis. Admin. Code ch. NR 140 and § NR 812.09(4)(w))

Groundwater contamination which equals or exceeds the enforcement standards for PCE and TCE is present on the western portion of the site at MW-2, as shown on the enclosed map (Figure B.3.b., Groundwater Isoconcentration – June 2022 Groundwater Elevation July 15, 2022). To construct a new well or reconstruct an

existing well, the property owner must obtain prior DNR approval. Additional casing may be necessary to prevent contamination of the well.

VAPOR

Continuing Obligations to Address Vapor Contamination

Vapor intrusion (VI) is the movement of vapors coming from volatile chemicals in the soil or groundwater or within preferential pathways into buildings where people may breathe air contaminated by the vapors.

VI - Future Concern: (Wis. Stat. § 292.12(2), Wis. Admin. Code § NR 726.15(2)(L) or (m), as applicable. Chlorinated VOCs remain in groundwater at MW-2, as shown on the enclosed map, (Figure B.4.a., Vapor Intrusion Map, July 18, 2022), at concentrations that may be of concern for vapor intrusion in the future, if a building is constructed, renovated or expanded in an area where no building currently exists or if the existing building is remodeled. At the time of closure, an occupied 8,400 sq. ft., five-unit single-story commercial building was present on the property. The building foundation was slab-on-grade and constructed in 1987. The remainder of the site was covered with asphaltic parking lot, driveway, landscaped areas, and concrete sidewalks.

Vapor control technologies are required for new construction or for modification of occupied buildings on the property unless the property owner assesses the vapor pathway and the DNR agrees that vapor control technologies are not needed. The property owner shall maintain the current building use and layout.

See the Other Closure Requirements section for more details.

OTHER CLOSURE REQUIREMENTS

Maintenance Plan and Inspection Log (Wis. Admin. Code §§ NR 726.11(2), NR 726.15(1)(d), NR 727.05(1)(b)3., Wis. Admin. Code § NR 716.14(2) for monitoring wells)

The property owner is required to comply with the enclosed maintenance plan dated November 22, 2022, for the cover to conduct inspections annually and to use the inspection log (DNR Form 4400-305) to document the required inspections. The maintenance plan and inspection log are to be kept up-to-date and on-site. The property owner shall submit the inspection log to the DNR only upon request using the RR Program Submittal Portal. See the DNR Notification and Approval Requirements section below for more information on how to access the Submittal Portal.

The limitations on activities are identified in the enclosed maintenance plan. The following activities are prohibited on any portion of this property where the cover is required, without prior DNR approval.

- Removal of the existing barrier;
- Replacement with another barrier;
- Excavating or grading of the land surface;
- Filling on capped or paved areas;
- Plowing for agricultural cultivation;
- Construction or placement of a building or other structure; and
- Changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings.

Pre-Approval Required for Well Construction (Wis. Admin. Code § NR 812.09(4)(w))

DNR approval is required before well construction or reconstruction for all sites identified as having residual contamination and/or COs. This requirement applies to private drinking water wells and high capacity wells. To

obtain approval, the property owner is required to complete and submit Form 3300-254, Continuing Obligations/Residual Contamination Well Approval Application, to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help complete this form. The form can be obtained online at dnr.wi.gov, search "3300-254." Additional casing may be necessary to help prevent contamination of the well.

General Wastewater Permits for Construction-related Dewatering Activities (Wis. Admin. Code ch. NR 200)

The DNR's Water Quality Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits, or to the ground surface. This includes discharges from construction-related dewatering activities, including utility work and building construction.

If the property owner or any other person plans to conduct such activities, that person must contact the Water Quality Program and, if necessary, apply for the required discharge permit. If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for discharge of *Contaminated Groundwater from Remedial Action Operations* may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids, oil and grease, a general permit for pit/trench *Dewatering Operations* may be needed. Additional information can be obtained by visiting the DNR website at "dnr.wi.gov," search "wastewater general permits."

DNR NOTIFICATION AND APPROVAL REQUIREMENTS

Certain activities are limited at closed sites to maintain protectiveness to human health and the environment. The property owner is required to notify the DNR at least 45 days before and obtain approval from the DNR prior to taking the following actions (Wis. Admin. Code §§ NR 727.07, NR 726.15 (2), Wis. Stat. § 292.12(6)).

- Before removing a cover or any portion of a cover
- Before removing a structural impediment
- Before constructing a building and/or modifying use of or the construction of an existing building or changing property use. Certain activities are limited at closed sites to reduce the risk of exposure to residual contamination via vapor intrusion. For properties with a continuing obligation for addressing the future risk of vapor intrusion when buildings exist at the time of closure approval, changes to the current building use and layout are prohibited without prior DNR approval. This includes any change in building construction, reconstruction or partial demolition. The DNR may require additional actions may be required at that time to re-assess for vapor intrusion and mitigate, as appropriate.

The DNR may require additional investigation and/or cleanup actions if necessary, to be protective of human health and the environment. The case may be reopened under Wis. Admin. Code § NR 727.13 if additional information indicates that contamination on or from the site poses a threat, or for a lack of compliance with a CO or closure requirement. Compliance with the maintenance plan is considered when evaluating the reopening criteria.

SUBMITTALS AND CONTACT INFORMATION

Site, case-related information and DNR contacts can be found online in the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW); go to dnr.wi.gov and search "BOTW." Use the BRRTS ID # found at the top of this letter. The site can also be found on the map view, Remediation and Redevelopment Sites Map (RRSM) by searching "RRSM."

Send written notifications 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 DNR Project Manager listed 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>).

CLOSING

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact DNR project manager Karen Campoli at (920) 510-4349 or Karen.Campoli@wisconsin.gov.

Sincerely,



Roxanne N. Chronert
Team Supervisor, Northeast Region
Remediation & Redevelopment Program

Attachments:

Figure B.1.b, Detailed Site Map, July 13, 2022
Figure B.2.b., Residual Soil Contamination, July 13, 2022
Figure B.3.b, Groundwater Isoconcentration – June 2022 Groundwater Elevation, July 15, 2022
Figure B.4.a., Vapor Intrusion Map, July 18, 2022
Figure D.2, Location Map, November 18, 2022
Attachment D, Barrier Maintenance Plan, November 22, 2022
Inspection Log (DNR Form 4400-305)

cc: Timothy Anderson, United Engineering Consultants – tauec@sbcglobal.net

Additional Resources:

The DNR fact sheets listed below can be obtained by visiting the DNR website at “dnr.wi.gov,” search the DNR publication number.

Guidance for Electronic Submittals for the Remediation and Redevelopment Program (RR-690)

Continuing Obligations for Environmental Protection (RR-819)

Environmental Contamination and Your Real Estate (RR-973)

Post-Closure Modifications: Changes to Property Conditions after a State-Approved Cleanup (RR-987)

Using Natural Attenuation to Clean Up Contaminated Groundwater: What Landowners Should Know (RR-671)

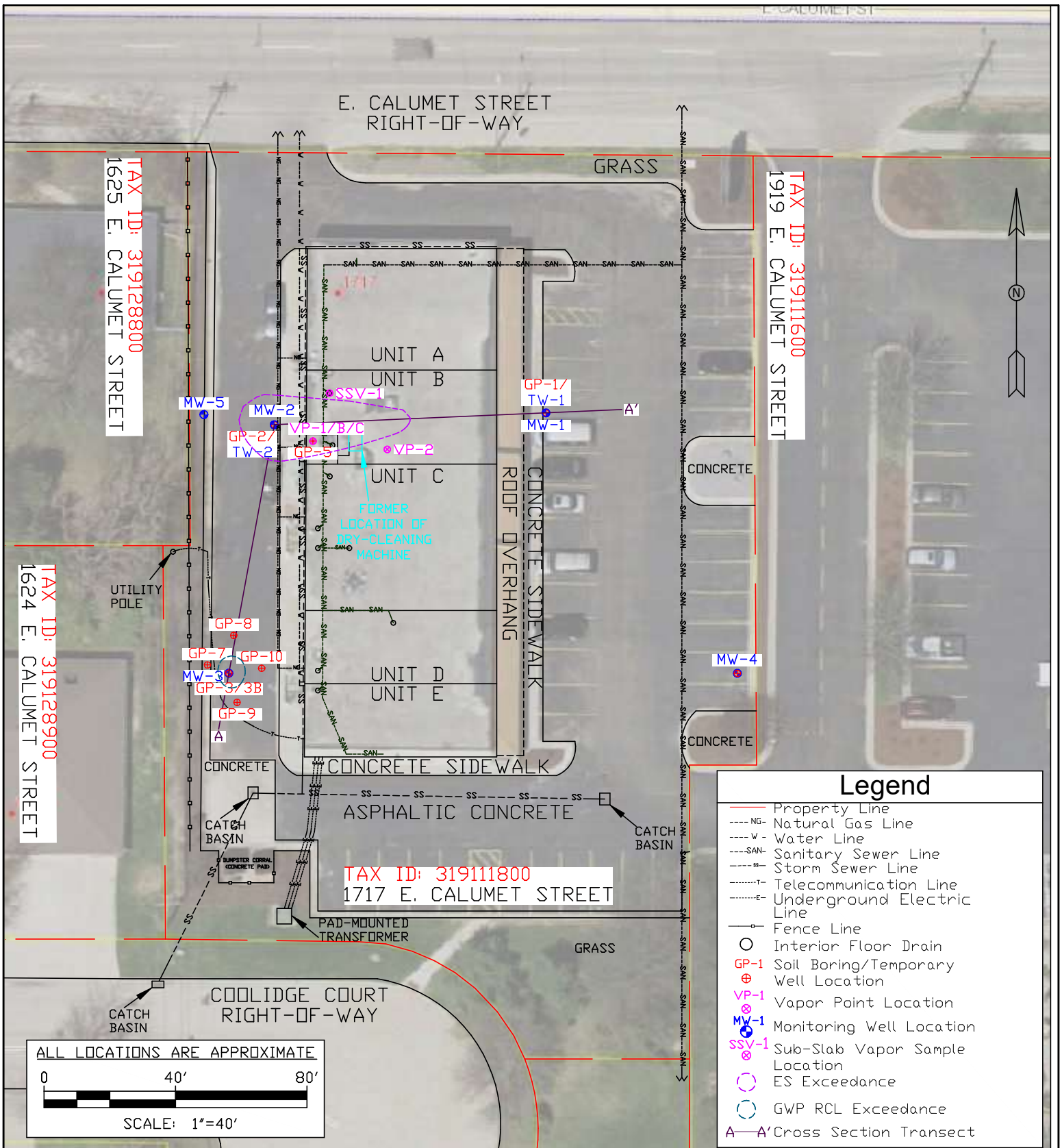


Figure B.1.b.: Detailed Site Map

**United Engineering
Consultants, Inc.**

2938 S. 166th Street
New Berlin, Wisconsin 53151

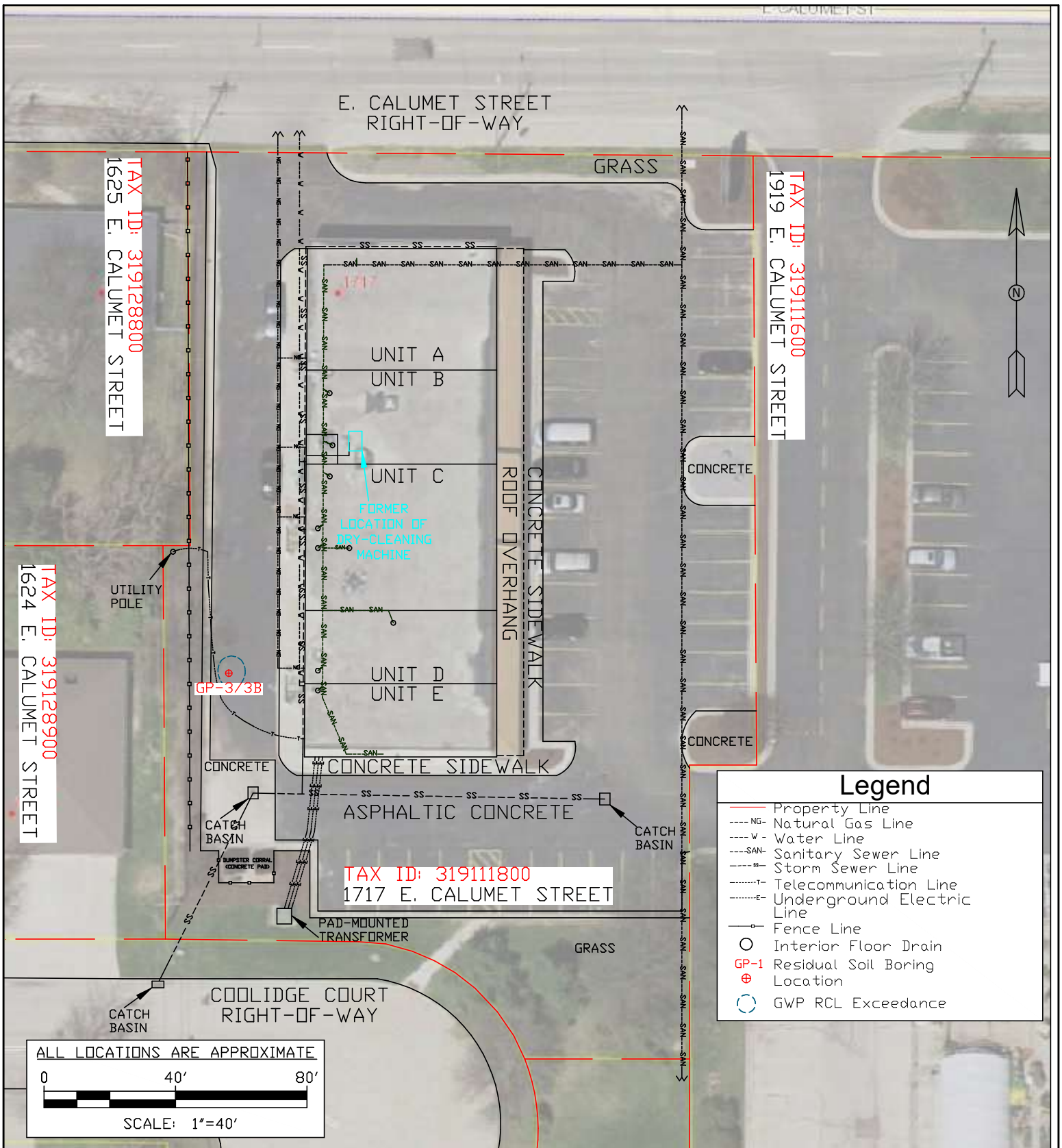
Tel. (262) 785-1447
Fax (262) 706-4400

#19044

DRAWN BY: NJA

DATE: 07/13/2022

**Case Closure Request
Calumet Village
1717 E. Calumet Street
Appleton, Wisconsin 54915**



**United Engineering
Consultants, Inc.**

2938 S. 166th Street
New Berlin, Wisconsin 53151

Tel. (262) 785-1447
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**Case Closure Request
Calumet Village
1717 E. Calumet Street
Appleton, Wisconsin 54915**

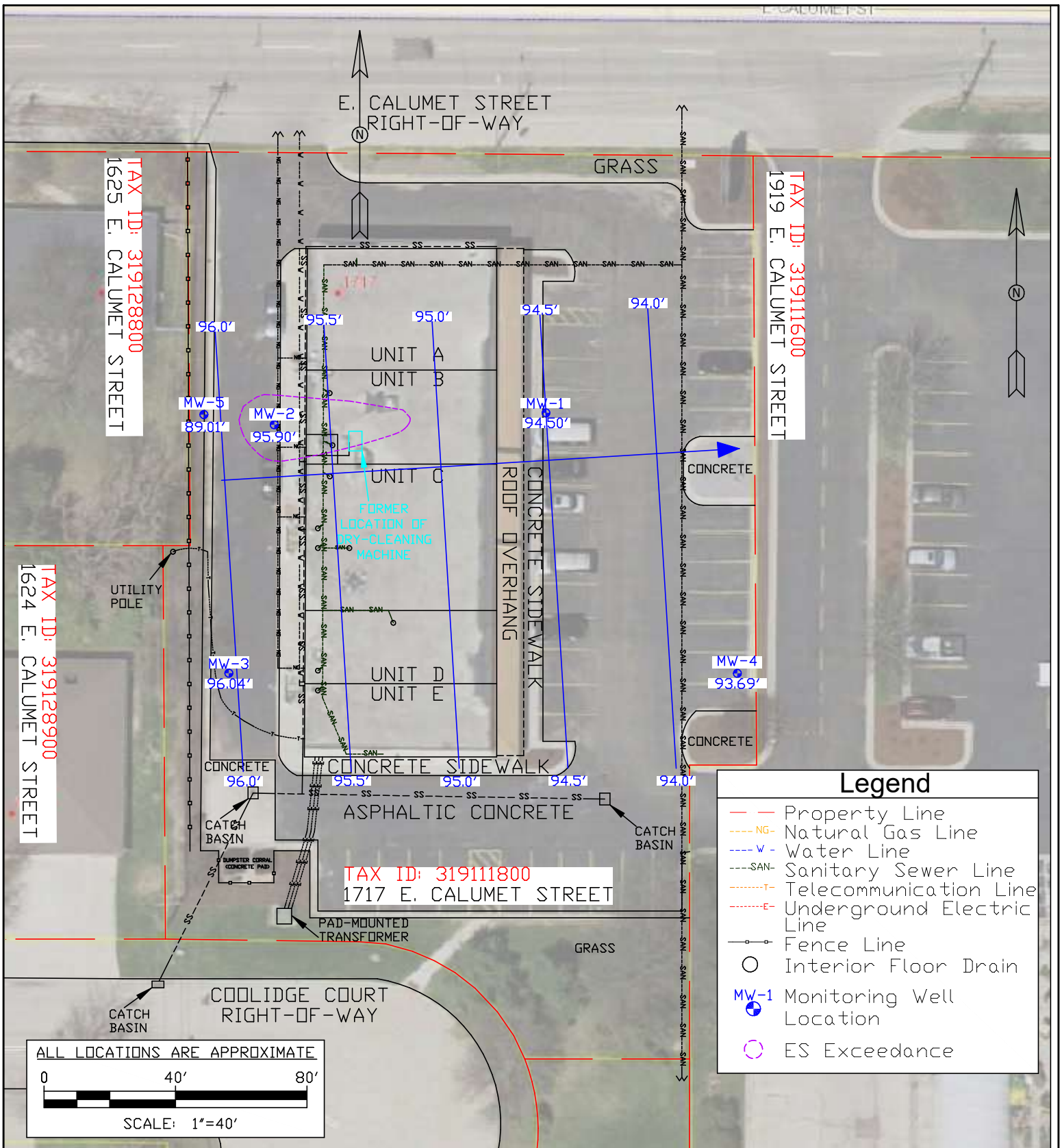


Figure B.3.b.: Groundwater Isoconcentration - June 2022 Groundwater Elevation

**United Engineering
Consultants, Inc.**

2938 S. 166th Street
New Berlin, WI 53151
Tel. (262) 785-1447
Fax (262) 706-4400

#19044

DRAWN BY: NJA

DATE: 07/15/2022

**Case Closure Request
Calumet Village
1717 E. Calumet Street
Appleton, WI 54915**

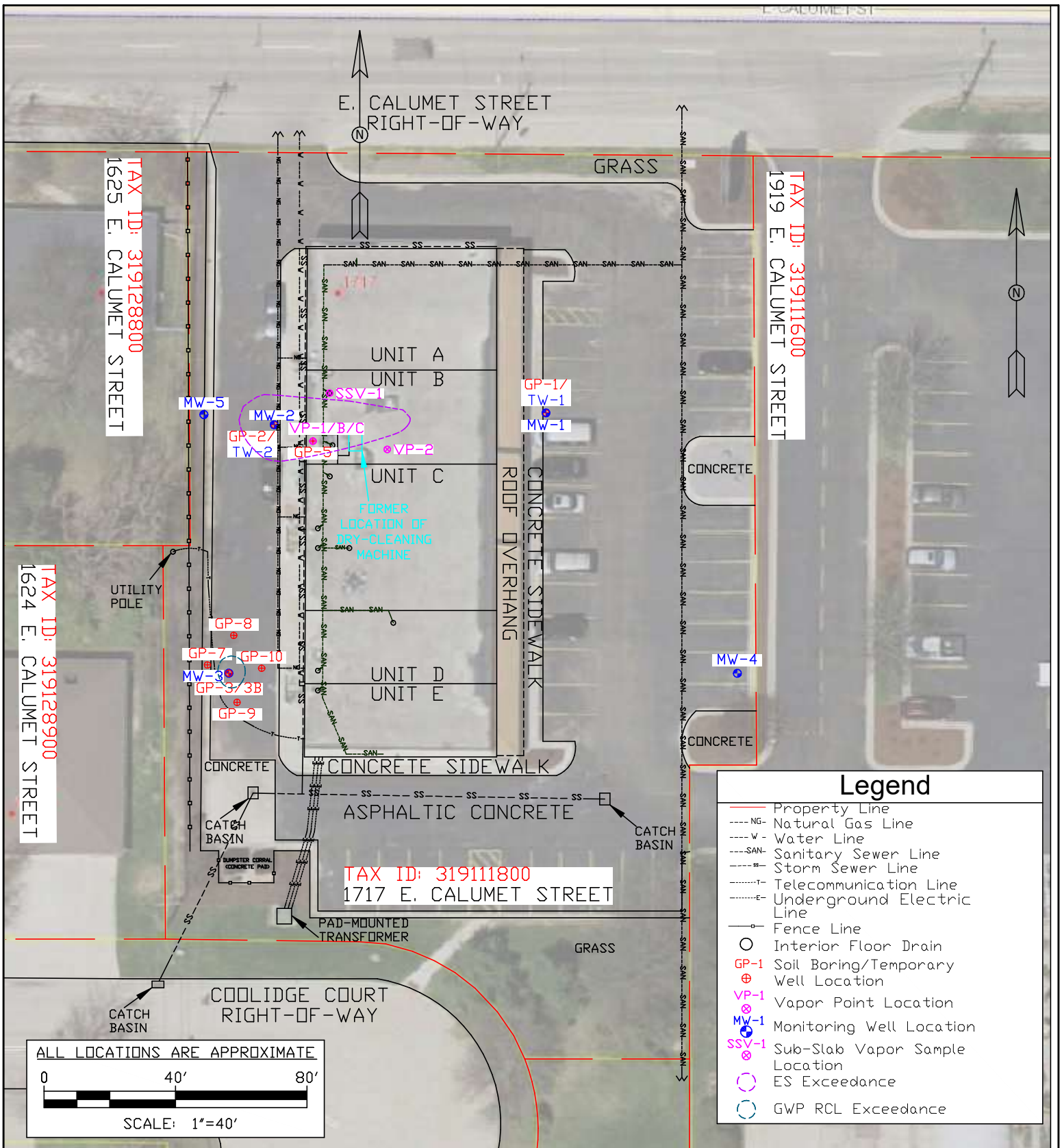


Figure B.4.a.: Vapor Intrusion Map

**United Engineering
Consultants, Inc.**

2938 S. 166th Street
New Berlin, WI 53151
Tel. (262) 785-1447
Fax (262) 706-4400

#19044

DRAWN BY: NJA

DATE: 07/18/2022

**Case Closure Request
Calumet Village
1717 E. Calumet Street
Appleton, Wisconsin 54915**

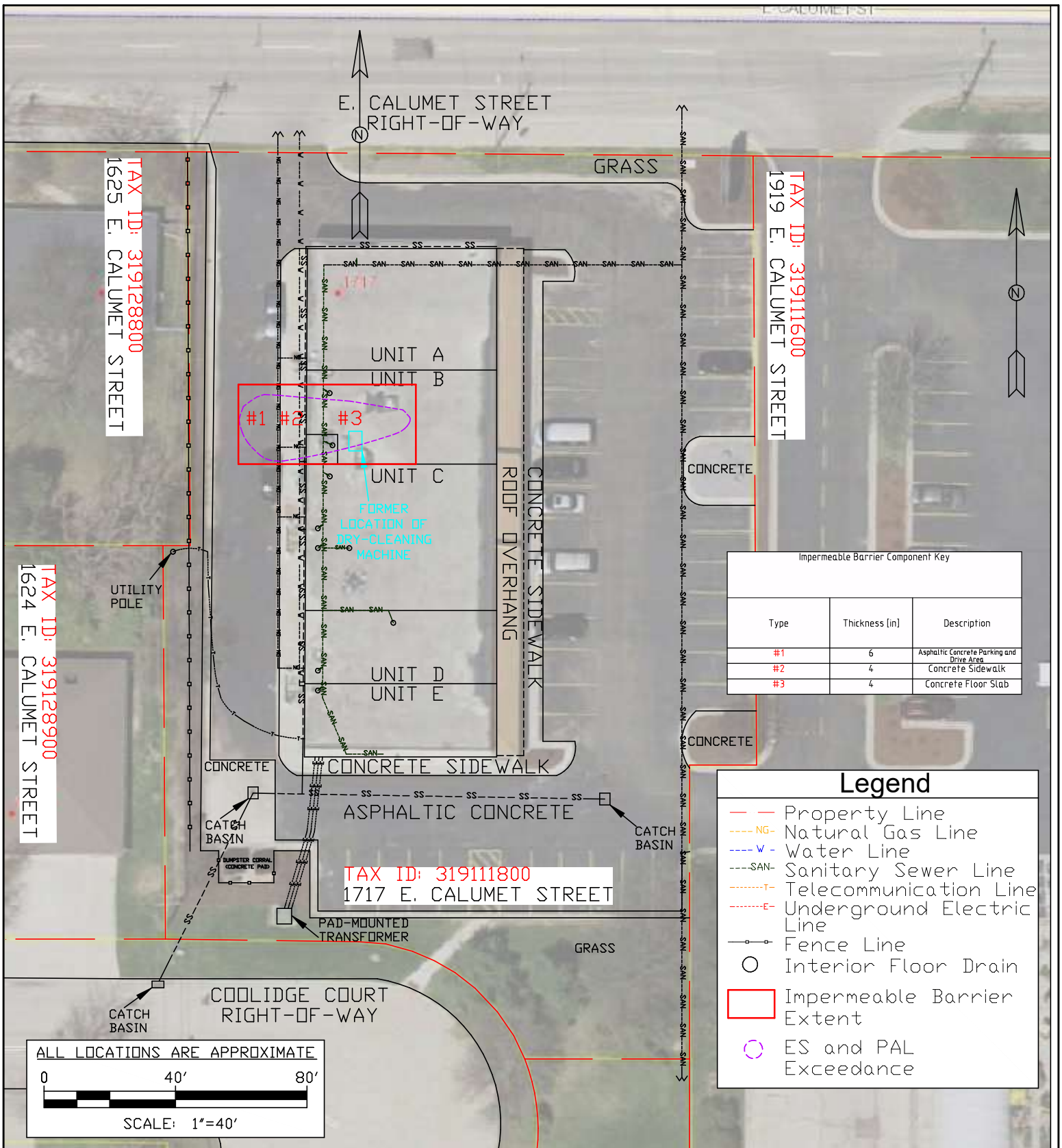


Figure D.2.: Location Map

United Engineering Consultants, Inc.

2938 S. 166th Street
 New Berlin, WI 53151
 Tel. (262) 785-1447
 Fax (262) 706-4400

#19044

DRAWN BY: NJA

DATE: 11/18/2022

Case Closure Request
 Calumet Village
 1717 E. Calumet Street
 Appleton, Wisconsin 54915

D.1.a. COVER OR BARRIER MAINTENANCE PLAN

November 22, 2022

Calumet Village
1717 E. Calumet Street
Appleton, WI 54915
BRRTS No.: 02-08-585360
Parcel ID: 319111800

Introduction

This document is the Maintenance Plan for an impermeable barrier at the above-referenced property in accordance with the requirements of s. NR 724.13 (2), Wis. Adm. Code. The maintenance activities relate to the existing asphaltic concrete parking and drive area, concrete sidewalk and concrete floor slab of the site building which occupies the area over the contaminated groundwater.

More site-specific information about this property may be found in:

- The case file in the Department of Natural Resources (DNR) Green Bay Service Center located at 2984 Shawano Avenue in Green Bay, Wisconsin;
- [BRRTS on the Web](#) for the link to a PDF for site-specific information at the time of closure and on continuing obligations;
- [RR Sites Map/GIS Registry layer](#) for a map view of the site;
- Ms. Karen Campoli, the DNR project manager.

Description of Contamination

Tetrachloroethene (PCE) was documented at MW-2 at concentrations in exceedance of its Enforcement Standard (ES). The groundwater plume in exceedance of its ES likely extends east from MW-2, beneath Unit B of the site building.

The lateral extent of the groundwater contamination is indicated on the attached Figure D.2. Location Map.

Description of the Barrier to be Maintained

An impermeable barrier will be maintained above the area of the of the PCE impacted groundwater plume as indicated on Figure D.2. Location Map. The impermeable barrier is approximately one thousand three hundred (1,300) square feet in plan dimension. The impermeable barrier consists of the asphaltic concrete parking and drive area west of Unit B approximately six (6) inches thick, the concrete sidewalk west of Unit B approximately four (4) inches thick and the building's concrete floor slab of Unit B approximately four (4) inches thick.

Barrier Purpose

The impermeable barrier will act as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration which would violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. Based on the current non-industrial zoning and use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The impermeable barrier overlying the contaminated soil plume as depicted in Figure D.2. Location Map will be inspected once a year, normally in the spring after all snow and ice has melted, for deterioration, cracks and other potential problems which can cause exposure to underlying soils. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed and where infiltration from the surface will not be effectively minimized will be documented.

A log of the inspections and any repairs will be maintained by the property owner and is included as D.4, Form 4400-305, Continuing Obligations Inspection and Maintenance Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. Once repairs are completed, they will be documented in the inspection log. A copy of the maintenance plan and inspection log will be kept at the site and will be available for submittal or inspection by Wisconsin DNR representatives upon their request. A copy of the inspection log will be submitted electronically to the DNR after every inspection, if required.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations.

In the event the barrier overlying the impacted groundwater plume is removed or replaced, the replacement barrier must be equally effective. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the DNR or its successor.

The property owner, in order to maintain the integrity of the impermeable barrier, will maintain a copy of this Maintenance Plan at the site and will make it available to all interested parties (i.e., on-site employees, contractors, future property owners, etc.) for viewing.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Cover/Barrier

The following activities are prohibited on any portion of the property where an impermeable barrier is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; 6) construction or placement of a building or other structure; 7) changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings.

If removal, replacement or other changes to a cover, or a building which is acting as a cover, are considered, the property owner will contact DNR at least 45 days before taking such an action, to determine whether further action may be necessary to protect human health, safety, or welfare or the environment, in accordance with s. NR 727.07, Wis. Adm. Code.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of DNR.

November 2022

Site Owner and Operator: Mr. Chris Winter, Managing Member
Eisenhower Investments II, LLC
3305 N. Ballard Road, Suite C
Appleton, Wisconsin 54911
(920) 739-0101

Signature:



Consultant: Mr. Timothy J. Anderson
United Engineering Consultants, Inc.
2938 S. 166th Street
New Berlin, Wisconsin 53151
(262) 785-1447

DNR: Ms. Karen Campoli
2984 Shawano Avenue
Green Bay, Wisconsin 54313
(920) 510-4349

D.3. Photographs
BRRTS Activity # 02-08-585360



ASPHALTIC CONCRETE AND DRIVE AREA AND CONCRETE SIDEWALK PORTION OF THE IMPERMEABLE BARRIER LOOKING SOUTH FROM THE CALUMET AVENUE RIGHT-OF-WAY

D.3. Photographs
BRRTS Activity # 02-08-585360



**INTERIOR OF THE SITE BUILDING OF UNIT B
LOOKING WEST AT THE CONCRETE FLOOR SLAB
OVERLAIN BY DECORATIVE WOOD FLOORING**

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records law [ss. 19.31-19.39, Wis. Stats.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT delete previous inspection results. This form was developed to provide a continuous history of site inspection results. The Department of Natural Resources project manager is identified in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>, by searching for the site using the BRRTS ID number, and then looking in the "Who" section.

Activity (Site) Name CALUMET VILLAGE	BRRTS No. 02-08-585360
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Inspections are required to be conducted (see closure approval letter):

annually
 semi-annually
 other – specify _____

When submittal of this form is required, submit the form electronically to the DNR project manager. An electronic version of this filled out form, or a scanned version may be sent to the following email address (see closure approval letter):

Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
		<input type="checkbox"/> monitoring well <input checked="" type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input checked="" type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input checked="" type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input checked="" type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input checked="" type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input checked="" type="checkbox"/> cover/barrier for soil <input type="checkbox"/> sediment cap <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N

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Date added:

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Date added:

Title:

Data Tables

Tables that follow are for reference only and were not included in the Department's closure documentation sent to affected parties

A.1 Groundwater Analytical Tables
 Calumet Village
 1717 E. Calumet Street
 Appleton, WI 54915

Analyte	TW-1	TW-2	MW-1				ES	PAL
	11/21/19		05/15/20	07/08/20	10/23/20	01/08/21		
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)								
Acetone	14.3J	9.55J	5.63	3.91J	<3.75	<3.75	9000	1800
Acrolein	<6.63	<6.63	<6.63	<6.63	<6.63	<6.63	-	-
Acrylonitrile	<0.742Q,S1	<0.742Q,S1	<0.742	<0.742	<0.742	<0.742	-	-
Benzene	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	4.4	0.44
Bromomethane	<3.30Q,S1	<3.30Q,S1	<3.30	<3.30	<3.30	<3.30	10	1
1-Butanol	<6.69	<6.69	<6.69	<6.69	<6.69	<6.69	-	-
2-Butanone	<1.38Q,S1	<1.38Q,S1	<1.38	<1.38	<1.38	<1.38	-	-
Carbon disulfide	<0.259Q,S1	<0.259Q,S1	<0.259	<0.259	<0.259Q	<0.259	1000	200
Carbon tetrachloride	<0.390Q,S1	<0.390Q,S1	<0.390	<0.390	<0.390	<0.390	5	0.5
Chlorobenzene	<0.358	<0.358	<0.0358	<0.0358	<0.0358	<0.0358	-	-
Chloroethane	<0.906Q	<0.906Q	<0.906	<0.906	<0.906	<0.906	400	80
Chloroform	<0.397	<0.397	<0.0397	<0.397	<0.397	<0.397	6	0.6
Chloromethane	<2.23Q	<2.23Q	<2.23	<2.23	<2.23	<2.23	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	0.2	0.02
1,2-Dibromoethane (EDB)	<0.320	<0.320	<0.320	<0.0320	<0.0320	<0.0320	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	850	85
1,2-Dichloroethane	<0.274	<0.274	<0.274	<0.274	<0.274	<0.274	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	7	0.7
cis-1,2-Dichloroethene	<0.421	2.25	<0.421	<0.421	<0.421	<0.421	70	7
trans-1,2-Dichloroethene	<0.433	0.460J	<0.433	<0.433	<0.433	<0.433	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	700	140
1,3-Dichloropropene, Total	<0.278	<0.592	<0.592	<0.592	<0.592	<0.592	0.4	0.04
Ethylbenzene	<0.431	<0.431	<0.431	<0.431	<0.431	<0.431	700	140
2-Hexanone	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	-	-
4-Methyl-2-pentanone	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	5	0.5
Styrene	<0.534Q,S1	<0.534Q,S1	<0.534	<0.0534	<0.0534	<0.0534	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	0.2	0.02
Tetrachloroethene	<0.400Q,S1	63.5Q,S1	<0.400	<0.400	<0.400	0.622J*	5	0.5
1,2,4-Trimethylbenzene	<0.338Q,S1/	<0.338Q,S1/	<0.338/	<0.338/	<0.338/	<0.338/	480	96
1,3,5-Trimethylbenzene	<0.310Q,S1	<0.310Q,S1	<0.310	<0.310	<0.310Q	<0.310		
Toluene	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	5	0.5
Trichloroethene	<0.439	14.9	<0.439	<0.439	<0.439	<0.439	5	0.5
Vinyl acetate	<1.01	<1.01	<1.01	<1.01	<1.01	<1.01	-	-
Vinyl chloride	<0.316Q	<0.316Q	<0.316	<0.316	<0.316	<0.316	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	-	-
o-Xylene	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	2000	400

- Notes: All results expressed as µg/L (parts per billion)
- ES NR140 Enforcement Standard (Exceedances in **bold**)
- PAL NR140 Preventive Action Limit (Exceedances in *italics*)
- ES/PAL not established for this compound
- < Compound not detected at or above the Limit Of Detection (LOD)
- J Analyte detected above LOD and below the Limit Of Quantitation (LOQ)
- Q One or more quality control results were outside of the acceptable limits
- S1 The percent recovery is above the limits, but the analyte was not detected in the sample
- (R) Replicate sample per NR 716.13(6)c
- * Not considered an exceedance per NR 140.14(3)

A.1 Groundwater Analytical Tables
Calumet Village
1717 E. Calumet Street
Appleton, WI 54915

Analyte	MW-2											ES	PAL	
	04/16/20 / (R)	07/18/20 / (R)	10/23/20	01/18/21 / (R)	05/26/21 / (R)	08/25/21 / (R)	06/16/22							
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)														
Acetone	42.4	19.6J	<3.75	<3.75	<3.75	<3.75	<3.75	<3.75	<3.75	<3.75	<3.75	<3.75	9000	1800
Acrolein	<6.63	<6.63	<6.63	<6.63	<6.63	<6.63	<6.63	<6.63	<6.63	-	-	<1.67	-	-
Acrylonitrile	<0.742	<0.742	<0.742	<0.742	<0.742	<0.742	<0.742	<0.742	<0.742	-	-	<0.628	-	-
Benzene	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.370	<0.362	<0.362	<0.362	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.458	<0.458	<0.458	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	<0.254	<0.570	<0.570	<0.570	4.4	0.44
Bromomethane	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	<3.30	<6.07	<6.07	<6.07	10	1
1-Butanol	<6.69	<6.69	<6.69	<6.69	<6.69	<6.69	<6.69	<6.69	<6.69	-	-	<22.2	-	-
2-Butanone	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	<1.38	<4.79	<4.79	<4.79	-	-
Carbon disulfide	1.5J	<0.259	<0.259	<0.259	<0.259Q	<0.259	<0.259	<0.259	<0.259	<0.739	<0.739	<0.739	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<0.390	<3.07	<3.07	<3.07	5	0.5
Chlorobenzene	<0.358	<0.358	<0.0358	<0.0358	<0.0358	<0.0358	<0.0358	<0.0358	<0.0358	<0.350	<0.350	<0.350	-	-
Chloroethane	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	<0.906	<0.621	<0.621	<0.621	400	80
Chloroform	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.397	<0.450	<0.450	<0.450	6	0.6
Chloromethane	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	<1.30	1.36J	<1.30	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	<0.488	<2.60	<2.60	<2.60	0.2	0.02
1,2-Dibromoethane (EDB)	<0.320	<0.320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	<0.420	<0.420	<0.420	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<1.94	<0.190	<0.190	<0.190	850	85
1,2-Dichloroethane	<0.320	<0.320	<0.274	<0.274	<0.274	<0.274	<0.274	<0.274	<0.274	<0.731	<0.731	<0.731	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	<1.02	<1.10	<1.10	<1.10	7	0.7
cis-1,2-Dichloroethene	0.64J	0.650J	2.70	2.56	<0.421	4.04	3.96	3.76	3.88	5.79	5.73	4.46	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	0.506J	<0.433	<0.433	0.469J	<0.433	<0.566	<0.566	0.760J	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	<1.11	<0.557	<0.557	<0.557	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	<0.492	<0.632	<0.632	<0.632	700	140
1,3-Dichloropropene, Total	<0.592	<0.592	<0.592	<0.592	<0.592	<0.592	<0.592	<0.592	<0.592	-	-	<1.48	0.4	0.04
Ethylbenzene	<0.431	<0.431	<0.431	<0.431	<0.431	<0.431	<0.431	<0.431	<0.431	<0.580	<0.580	<0.580	700	140
2-Hexanone	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<4.74	<4.74	<4.74	-	-
4-Methyl-2-pentanone	11.6J	11.8J	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<4.40	<4.40	<4.40	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	<0.322	<0.838	<0.838	<0.838	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<0.358	<4.50	<4.50	<4.50	5	0.5
Styrene	<0.534	<0.534	<0.0534	<0.0534	<0.0534	<0.0534	<0.0534	<0.0534	<0.0534	<1.17	<1.17	<1.17	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.291	<0.706	<0.706	<0.713	0.2	0.02
Tetrachloroethene	5.66	6.55	26.5	13.4	81.2	56.6	61.5	71.1	81.8	128	114	76.0	5	0.5
1,2,4-Trimethylbenzene	<0.338/	<0.338/	<0.338/	<0.338/	<0.338/	<0.338/	<0.338/	<0.338/	<0.338/	<0.753/	<0.753/	<0.753/	480	96
1,3,5-Trimethylbenzene	<0.310	<0.310	<0.310	<0.310	<0.310Q	<0.310	<0.310	<0.310	<0.310	<0.351	<0.351	<0.351	-	-
Toluene	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	<0.299	<0.510	<0.510	<0.510	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.719	<0.719	<0.719	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.264	<0.198	<0.198	<0.198	5	0.5
Trichloroethene	2.21	2.62	12.7	8.83	26.3	21.0	22.1	21.4	22.9	32.6	31.7	25.5	5	0.5
Vinyl acetate	<1.01	<1.01	<1.01	<1.01	<1.01	<1.01	<1.01	<1.01	<1.01	-	-	<0.948	-	-
Vinyl chloride	<0.316	<0.316	<0.316	<0.316	<0.316	<0.316	<0.316	<0.316	<0.316	<0.582	<0.582	<0.582	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<0.310	<1.58	<1.58	<1.58	-	-
o-Xylene	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.349	<0.660	<0.660	<0.660	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<1.62	<1.62	<1.62	2000	400

Notes: All results expressed as µg/L (parts per billion)
ES NR140 Enforcement Standard (Exceedances in **bold**)
PAL NR140 Preventive Action Limit (Exceedances in *italics*)
- ES/PAL not established for this compound
< Compound not detected at or above the Limit Of Detection (LOD)
J Analyte detected above LOD and below the Limit Of Quantitation (LOQ)
Q One or more quality control results were outside of the acceptable limits
S1 The percent recovery is above the limits, but the analyte was not detected in the sample
(R) Replicate sample per NR 716.13(6)c
* Not considered an exceedance per NR 140.14(3)

A.1 Groundwater Analytical Tables
 Calumet Village
 1717 E. Calumet Street
 Appleton, WI 54915

Analyte	MW-3				ES	PAL	
	05/15/20 / (R)	07/08/20	10/23/20	01/08/21			
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)							
Acetone	<3.75	<3.75	<3.75	<3.75	<3.75	9000	1800
Acrolein	<6.63	<6.63	<6.63	<6.63	<6.63	-	-
Acrylonitrile	<0.742	<0.742	<0.742	<0.742	<0.742	-	-
Benzene	<0.370	<0.370	<0.370	<0.370	<0.370	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	<0.310	<0.310	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	<0.254	<0.254	4.4	0.44
Bromomethane	<3.30	<3.30	<3.30	<3.30	<3.30	10	1
1-Butanol	<6.69	<6.69	9.92J	<6.69	<6.69	-	-
2-Butanone	<1.38	<1.38	<1.38	<1.38	<1.38	-	-
Carbon disulfide	<0.259	<0.259	<0.259	<0.259Q	<0.259	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	<0.390	<0.390	5	0.5
Chlorobenzene	<0.0358	<0.0358	<0.0358	<0.0358	<0.0358	-	-
Chloroethane	<0.906	<0.906	<0.906	<0.906	<0.906	400	80
Chloroform	<0.0397	<0.397	<0.397	<0.397	<0.397	6	0.6
Chloromethane	<2.23	<2.23	<2.23	<2.23	<2.23	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	<0.488	<0.488	0.2	0.02
1,2-Dibromoethane (EDB)	<0.0320	<0.0320	<0.0320	<0.0320	<0.0320	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<1.94	<1.94	850	85
1,2-Dichloroethane	<0.274	<0.274	<0.274	<0.274	<0.274	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	<1.02	<1.02	7	0.7
cis-1,2-Dichloroethene	<0.421	<0.421	<0.421	<0.421	<0.421	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	<0.433	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	<1.11	<1.11	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	<0.492	<0.492	700	140
1,3-Dichloropropene, Total	<0.592	<0.592	<0.592	<0.592	<0.592	0.4	0.04
Ethylbenzene	<0.431	<0.431	<0.431	<0.431	<0.431	700	140
2-Hexanone	<1.04	<1.04	<1.04	<1.04	<1.04	-	-
4-Methyl-2-pentanone	<0.660	<0.660	<0.660	<0.660	<0.660	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	<0.322	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	<0.358	5	0.5
Styrene	<0.0534	<0.0534	<0.0534	<0.0534	<0.0534	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	<0.291	0.2	0.02
Tetrachloroethene	<0.400	<0.400	<0.400	<0.400	<0.400	5	0.5
1,2,4-Trimethylbenzene	<0.338/	<0.338/	<0.338/	<0.338/	<0.338/	480	96
1,3,5-Trimethylbenzene	<0.310	<0.310	<0.310	<0.310Q	<0.310		
Toluene	<0.299	<0.299	<0.299	<0.299	<0.299	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	<0.349	<0.349	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	<0.264	<0.264	5	0.5
Trichloroethene	<0.439	<0.439	<0.439	<0.439	<0.439	5	0.5
Vinyl acetate	<1.01	<1.01	<1.01	<1.01	<1.01	-	-
Vinyl chloride	<0.316	<0.316	<0.316	<0.316	<0.316	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	<0.310	<0.310	-	-
o-Xylene	<0.349	<0.349	<0.349	<0.349	<0.349	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	<0.660	2000	400

- Notes: All results expressed as µg/L (parts per billion)
- ES NR140 Enforcement Standard (Exceedances in **bold**)
- PAL NR140 Preventive Action Limit (Exceedances in *italics*)
- ES/PAL not established for this compound
- < Compound not detected at or above the Limit Of Detection (LOD)
- J Analyte detected above LOD and below the Limit Of Quantitation (LOQ)
- Q One or more quality control results were outside of the acceptable limits
- S1 The percent recovery is above the limits, but the analyte was not detected in the sample
- (R) Replicate sample per NR 716.13(6)c
- * Not considered an exceedance per NR 140.14(3)

A.1 Groundwater Analytical Tables
 Calumet Village
 1717 E. Calumet Street
 Appleton, WI 54915

Analyte	MW-4				ES	PAL	
	10/23/20 / (R)		01/08/21	05/26/21			08/25/21
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)							
Acetone	<3.75	12.8J	<3.75	<3.75	<9.21	9000	1800
Acrolein	<6.63	<6.63	<6.63	<6.63	-	-	-
Acrylonitrile	<0.742	<0.742	<0.742	<0.742	-	-	-
Benzene	<0.370	<0.370	<0.370	<0.370	<0.362	5	0.5
Bromodichloromethane	<0.310	<0.310	<0.310	<0.310	<0.458	0.6	0.06
Bromoform	<0.254	<0.254	<0.254	<0.254	<0.570	4.4	0.44
Bromomethane	<3.30	<3.30	<3.30	<3.30	<6.07	10	1
1-Butanol	<6.69	<6.69	<6.69	<6.69	-	-	-
2-Butanone	<1.38	<1.38	<1.38	<1.38	<4.79	-	-
Carbon disulfide	<0.259Q	<0.259Q	<0.259	<0.259	<0.739	1000	200
Carbon tetrachloride	<0.390	<0.390	<0.390	<0.390	<3.07	5	0.5
Chlorobenzene	<0.0358	<0.0358	<0.0358	<0.0358	<0.350	-	-
Chloroethane	<0.906	<0.906	<0.906	<0.906	<0.621	400	80
Chloroform	<0.397	<0.397	<0.397	<0.397	<0.450	6	0.6
Chloromethane	<2.23	<2.23	<2.23	<2.23	1.41J	30	3
1,2-Dibromo-3-chloropropane	<0.488	<0.488	<0.488	<0.488	<2.60	0.2	0.02
1,2-Dibromoethane (EDB)	<0.0320	<0.0320	<0.0320	<0.0320	<0.420	0.05	0.005
1,1-Dichloroethane	<1.94	<1.94	<1.94	<1.94	<0.190	850	85
1,2-Dichloroethane	<0.274	<0.274	<0.274	<0.274	<0.731	5	0.5
1,1-Dichloroethene	<1.02	<1.02	<1.02	<1.02	<1.10	7	0.7
cis-1,2-Dichloroethene	<0.421	<0.421	<0.421	<0.421	<0.652	70	7
trans-1,2-Dichloroethene	<0.433	<0.433	<0.433	<0.433	<0.566	100	20
1,2-Dichloropropane	<1.11	<1.11	<1.11	<1.11	<0.557	5	0.5
Dibromochloromethane	<0.492	<0.492	<0.492	<0.492	<0.632	700	140
1,3-Dichloropropene, Total	<0.592	<0.592	<0.592	<0.592	-	0.4	0.04
Ethylbenzene	<0.431	<0.431	<0.431	<0.431	<0.580	700	140
2-Hexanone	<1.04	<1.04	<1.04	<1.04	<4.74	-	-
4-Methyl-2-pentanone	<0.660	1.39J	<0.660	<0.660	<4.40	-	-
Methyl tert-Butyl ether	<0.322	<0.322	<0.322	<0.322	<0.838	60	12
Methylene chloride	<0.358	<0.358	<0.358	<0.358	<4.50	5	0.5
Styrene	<0.0534	<0.0534	<0.0534	<0.0534	<1.17	100	10
1,1,2,2-Tetrachloroethane	<0.291	<0.291	<0.291	<0.291	<0.706	0.2	0.02
Tetrachloroethene	<0.400	<0.400	<0.400	<0.400	<0.646	5	0.5
1,2,4-Trimethylbenzene	0.456J/ <0.310Q	0.456J/ <0.310Q	<0.338/ <0.310	<0.338/ <0.310	<0.753/ <0.351	480	96
1,3,5-Trimethylbenzene							
Toluene	<0.299	<0.299	<0.299	<0.299	<0.510	800	160
1,1,1-Trichloroethane	<0.349	<0.349	<0.349	<0.349	<0.719	200	40
1,1,2-Trichloroethane	<0.264	<0.264	<0.264	<0.264	<0.198	5	0.5
Trichloroethene	<0.439	<0.439	<0.439	<0.439	<0.939	5	0.5
Vinyl acetate	<1.01	<1.01	<1.01	<1.01	-	-	-
Vinyl chloride	<0.316	<0.316	<0.316	<0.316	<0.582	0.2	0.02
m,p-Xylene	<0.310	<0.310	<0.310	<0.310	<1.58	-	-
o-Xylene	<0.349	<0.349	<0.349	<0.349	<0.660	-	-
Xylenes, Total	<0.660	<0.660	<0.660	<0.660	<1.62	2000	400

- Notes: All results expressed as µg/L (parts per billion)
- ES NR140 Enforcement Standard (Exceedances in **bold**)
- PAL NR140 Preventive Action Limit (Exceedances in *italics*)
- ES/PAL not established for this compound
- < Compound not detected at or above the Limit Of Detection (LOD)
- J Analyte detected above LOD and below the Limit Of Quantitation (LOQ)
- Q One or more quality control results were outside of the acceptable limits
- S1 The percent recovery is above the limits, but the analyte was not detected in the sample
- (R) Replicate sample per NR 716.13(6)c
- * Not considered an exceedance per NR 140.14(3)

A.1 Groundwater Analytical Tables
 Calumet Village
 1717 E. Calumet Street
 Appleton, WI 54915

Analyte	MW-5		ES	PAL
	06/15/22			
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)				
Acetone	16.5J	21.2J	9000	1800
Acrolein	<1.67	<1.67	-	-
Acrylonitrile	<0.628	<0.628	-	-
Benzene	<0.362	<0.362	5	0.5
Bromodichloromethane	<0.458	<0.458	0.6	0.06
Bromoform	<0.570	<0.570	4.4	0.44
Bromomethane	<6.07	<6.07	10	1
1-Butanol	<22.2	<22.2	-	-
2-Butanone	<4.79	5.52J	-	-
Carbon disulfide	1.13J	<0.739	1000	200
Carbon tetrachloride	<3.07	<3.07	5	0.5
Chlorobenzene	<0.350	<0.350	-	-
Chloroethane	<0.621	<0.621	400	80
Chloroform	<0.450	<0.450	6	0.6
Chloromethane	<1.30	<1.30	30	3
1,2-Dibromo-3-chloropropane	<2.60	<2.60	0.2	0.02
1,2-Dibromoethane (EDB)	<0.420	<0.420	0.05	0.005
1,1-Dichloroethane	<0.190	<0.190	850	85
1,2-Dichloroethane	<0.731	<0.731	5	0.5
1,1-Dichloroethene	<1.10	<1.10	7	0.7
cis-1,2-Dichloroethene	<0.652	<0.652	70	7
trans-1,2-Dichloroethene	<0.566	<0.566	100	20
1,2-Dichloropropane	<0.557	<0.557	5	0.5
Dibromochloromethane	<0.632	<0.632	700	140
1,3-Dichloropropene, Total	<1.48	<1.48	0.4	0.04
Ethylbenzene	<0.580	<0.580	700	140
2-Hexanone	<4.74	<4.74	-	-
4-Methyl-2-pentanone	7.44J	8.29J	-	-
Methyl tert-Butyl ether	<0.838	<0.838	60	12
Methylene chloride	<4.50	<4.50	5	0.5
Styrene	<1.17	<1.17	100	10
1,1,2,2-Tetrachloroethane	<0.713	<0.713	0.2	0.02
Tetrachloroethene	<0.646	<0.646	5	0.5
1,2,4-Trimethylbenzene	<0.753/	0.810J/	480	96
1,3,5-Trimethylbenzene	<0.351	<0.351		
Toluene	<0.510	<0.510	800	160
1,1,1-Trichloroethane	<0.719	<0.719	200	40
1,1,2-Trichloroethane	<0.198	<0.198	5	0.5
Trichloroethene	<0.939	<0.939	5	0.5
Vinyl acetate	<0.948	<0.948	-	-
Vinyl chloride	<0.582	<0.582	0.2	0.02
m,p-Xylene	<1.58	<1.58	-	-
o-Xylene	<0.660	<0.660	-	-
Xylenes, Total	<1.62	<1.62	2000	400

- Notes: All results expressed as µg/L (parts per billion)
- ES NR140 Enforcement Standard (Exceedances in **bold**)
- PAL NR140 Preventive Action Limit (Exceedances in *italics*)
- ES/PAL not established for this compound
- < Compound not detected at or above the Limit Of Detection (LOD)
- J Analyte detected above LOD and below the Limit Of Quantitation (LOQ)
- Q One or more quality control results were outside of the acceptable limits
- S1 The percent recovery is above the limits, but the analyte was not detected in the sample
- (R) Replicate sample per NR 716.13(6)c
- * Not considered an exceedance per NR 140.14(3)

A.4. Vapor Analytical Table
 Calumet Village
 1717 E. Calumet Street
 Appleton, WI 54915

Sample Date	April 9, 2020		RCL		
	GP-3	GP-3	GWP	NIDC	IDC
Sample Depth	3'-4'	5'-6'			
Soil Type	ML	ML			
Volatile Organic Compounds (VOC) (Method: SW-846 8260B/PUBL-FW-140)					
Acetone	<0.295	<0.210	3.6766	63400	100000
Acrylonitrile	<0.0452	<0.0485	-	0.338	1.5
Benzene	<0.0250	<0.0250	0.0051	1.6	7.07
Bromodichloromethane	<0.0250	<0.250	0.0003	0.39	1.96
Bromoform	<0.0250	<0.0250	0.0023	23.6	115
1-Butanol	<0.368	<0.396	-	7640	7640
2-Butanone	<0.0915	<0.0984	-	28400	28400
Carbon disulfide	<0.0250	0.0319	0.5919	738	738
Carbon tetrachloride	<0.0250	<0.0250	0.0039	0.854	4.25
Chlorobenzene	<0.0250	<0.0250	-	392	761
Chloroform	<0.0250	<0.0250	0.0033	0.423	2.13
1,2-Dibromo-3-chloropropane	<0.0352	<0.0378	0.0002	0.008	0.092
1,2-Dibromoethane	<0.0250	<0.0250	0.0000282	0.05	0.221
Dibromochloromethane	<0.0250	<0.0250	0.032	8.28	38.9
1,1-Dichloroethane	<0.0322	<0.0346	0.4834	4.72	23.7
1,2-Dichloroethane	<0.0250	<0.0250	0.0028	0.608	2.87
1,1-Dichloroethene	<0.0252	<0.0270	0.005	342	1190
cis-1,2-Dichloroethene	<0.0250	<0.0250	0.0412	156	2040
trans-1,2-Dichloroethene	<0.0303	<0.0326	0.0626	1560	1850
1,2-Dichloroethene, Total	<0.0524	<0.0563	-	-	-
1,2-Dichloropropane	<0.0250	<0.0250	0.0033	3.4	15
Ethylbenzene	<0.0250	<0.0250	1.57	8.02	35.4
2-Hexanone	<0.0632	<0.0679	-	237	1760
Methyl tert-butyl ether	<0.0250	<0.0250	0.027	63.8	282
Methylene chloride	0.127	0.130	0.0026	60.7	1150
4-Methyl-2-pentanone	<0.0426	<0.0457	0.2252	3360	3360
Naphthalene	NA	NA	0.6582	6	24.1
Styrene	<0.0250	<0.0250	0.22	867	867
1,1,1,2-Tetrachloroethane	<0.0250	<0.0250	0.0002	0.753	3.69
Tetrachloroethene	0.0359	<0.0250	0.0045	33	145
Toluene	<0.0250	<0.0250	1.1072	818	818
1,1,1-Trichloroethane	<0.0250	<0.0250	0.1402	640	640
1,1,2-Trichloroethane	<0.0250	<0.0250	0.0032	1.48	7.01
Trichloroethene	<0.0250	<0.0250	0.0036	1.26	8.41
1,2,4-Trimethylbenzene	<0.0250	<0.0250	-	219	219
1,3,5-Trimethylbenzene	<0.0250	<0.0250	-	182	182
Vinyl Acetate	<0.0250	<0.0265	-	1300	2750
Vinyl Chloride	<0.0250	<0.0250	0.0001	0.067	2.03
m,p-Xylene	<0.0684	<0.0735	-	388	388
o-Xylene	<0.0250	<0.0250	-	434	434
Xylenes, Total	<0.0779	<0.0837	3.96	260	260

Cumulative Hazard Index	0.0284	0.029
Cumulative Cancer Risk	6.00E-06	6.90E-06

- Notes: All samples collected from the unsaturated zone
 All results expressed as mg/kg
- RCL Residual Contaminant Level (December 2018 RCL Spreadsheet Update)
- GWP Groundwater Pathway RCL (Exceedances in **bold**)
- NIDC Non-Industrial Direct Contact Pathway RCL (Exceedances in **bold**)
- IDC Industrial Direct Contact Pathway RCL (Exceedances in **bold**)
- RCL not established for this compound
- < Compound not detected at or above Limit of Detection (LOD)
- NA Compound not analyzed

A.4. Vapor Analytical Table
 Calumet Village
 1717 E. Calumet Street
 Appleton, WI 54915

Sample Identification	VP-1	VP-1B	VP-1C	VP-2	SSV-1	Residential	Small Commercial
Sample Location	Utility Closet	Utility Closet	Utility Closet	Salon	San. Sewer	Sub-Slab VRSL	Sub-Slab VRSL
Sample Type	SS	SS	SS	SS	Grab		
Sample Date	11/21/2019	7/8/2020	7/20/2021	6/15/2022	7/20/2021		
Sample Duration (Hours)	0.5	0.5	0.5	0.5	-		
Volatile Organic Compounds (VOC) (Method: TO-15)							
Acetone	176	99.6	207	301	65.7	1100000	4700000
Benzene	0.71	0.7	0.46J	1.4	17.0	120	520
Benzyl Chloride	<2.1	<0.46	<1.6	<1.6	<1.5	19	83
Bromodichloromethane	<0.66	<0.37	<0.43	<0.43	0.59J	25	110
Bromoform	<2.5	<2.0	<3.0	<3.0	<2.8	870	3700
Bromomethane	<0.41	<0.25	<0.27	<0.27	<0.26	170	730
1,3-Butadiene	<0.23	<0.14	<0.22	<0.22	<0.21	31	140
2-Butanone	5.3J	5.1	18.2	16.2	10.8	170000	170000
Carbon Disulfide	<0.39	1	0.26J	1.8	2.2	24000	100000
Carbon tetrachloride	<0.77	0.30J	<0.51	<0.51	0.56J	25	680
Chlorobenzene	<0.49	<0.21	<0.28	<0.28	<0.27	1700	7300
Chloroethane	<0.47	<0.18	<0.41	<0.41	1.1	-	-
Chloroform	<0.35	<0.27	2.9	<0.33	2.0	41	180
Chloromethane	<0.28	<0.13	1.1	1.3	1.3	3100	13000
Cyclohexane	1.3J	2.3J	4.1	13.2	3.5	210000	870000
Dibromochloromethane	<1.3	<0.42	<0.94	<0.94	<0.88	-	-
1,2-Dibromoethane	<0.66	<0.46	<0.55	<0.55	<0.51	2	7
1,2-Dichlorobenzene	<0.89	<0.53	<0.74	<0.74	<0.69	7000	29000
1,3-Dichlorobenzene	<1.0	<0.85J	2.0J	<0.93	<0.87	-	-
1,4-Dichlorobenzene	<1.8	<1.2	<1.6	<1.6	<1.5	87	370
Dichlorodifluoromethane	<0.52	8.8	40	25.4	4.5	3500	15000
1,1-Dichloroethane	<0.40	<0.18	<0.30	<0.30	<0.28	590	2600
1,2-Dichloroethane	<0.27	<0.25	<0.36	<0.36	<0.33	36	160
1,1-Dichloroethene	<0.49	<0.20	<0.25	<0.25	<0.24	7000	29000
cis-1,2-Dichloroethene	<0.39	1.3	<0.36	0.67J	<0.33	-	-
trans-1,2-Dichloroethene	<0.51	<0.24	<0.31	<0.31	<0.29	1400	5800
1,2-Dichloropropane	<0.41	<0.24	<0.49	<0.39	<0.46	25	110
cis-1,3-Dichloropropene	<0.54	<0.31	<0.47	<0.47	<0.44	-	-
trans-1,3-Dichloropropene	<0.79	<0.40	<1.0	<1.0	<0.93	-	-
Dichlorotetrafluoroethane	<0.78	<0.46	<0.37	<0.37	<0.35	-	-
Ethanol	9390	652	1560E	74.4	5000	-	-
Ethyl acetate	3.1	5.3	<0.24	<0.24	2.9	2400	10000
Ethylbenzene	1.3J	1.8	1.6J	3.1	2.0J	370	1600
4-Ethyltoluene	<1.0	3.0J	1.4J	<0.86	1.7J	-	-
N-Heptane	4.6	2.7	1.9	5.7	6.0	14000	60000
Hexachloro-1,3-butadiene	<3.5	<1.1	<2.3	<2.3	<2.1	-	-
N-Hexane	2.5	3.7	3	6.3	1.6	24000	100000
2-Hexanone	2.6J	0.75J	3.3J	<0.81	1.2J	1000	4300
Methylene chloride	2.9J	32.7	<1.1	<1.1	1.3J	21000	87000
4-Methyl-2-pentanone	<0.93	9.6	2.8J	2.5J	2.8J	100000	430000
Methyl tert-butyl ether	<1.2	<0.19	<0.23	<0.23	<0.22	3600	16000
Naphthalene	<2.3	4.7	18.6	<4.0	<3.7	28	120
2-Propanol	612	74.3	285	44.3	508	-	-
Propylene	<0.25	<0.14	4.4	<0.24	<0.22	100000	430000
Styrene	<0.62	1.1J	<0.70	<0.70	2.0J	33000	150000
1,1,1,2,2-Tetrachloroethane	<0.55	<0.42	<0.68	<0.68	<0.64	16	70
Tetrachloroethene	1.1J	3.4	2.8	7	0.68J	1400	5800
Tetrahydrofuran	<0.47	0.57J	<0.33	<0.33	1.0J	-	-
Toluene	2.7	91.3	2.3	6.9	65.5	170000	730000
1,2,4-Trichlorobenzene	<6.7	<4.7	<8.9	<8.9	<8.3	70	290
1,1,1-Trichloroethane	<0.55	<0.19	<0.34	<0.34	<0.32	170000	730000
1,1,2-Trichloroethane	<0.43	<0.32	<0.36	<0.36	<0.34	7	29
Trichloroethene	<0.45	7.4	1.4	20.8	2.0	70	290
Trichlorofluoromethane	17.1	11.7	51.7	0.69J	9.4	-	-
1,1,2-Trichlorotrifluoroethane	<1.0	0.92J	<0.53	<0.53	0.90J	-	-
1,2,4-Trimethylbenzene	3.2	4.6	2.4	2.5	3.1	2100	8800
1,3,5-Trimethylbenzene	1.7J	<0.42	1.3J	0.75J	1.2J	2100	8800
Vinyl Acetate	<0.48	<0.25	<0.38	<0.38	<0.36	7000	29000
Vinyl Chloride	<0.23	<0.14	<0.16	<0.16	<0.15	56	930
m&p-Xylene	2.0J	6.3	3.4	5.3	6.1	3300	15000
o-Xylene	1.2J	<0.27	4.2	2.7	2.4	3300	15000

Notes: All results expressed as µg/m3
 VRSL Vapor Risk Screening Level (May 2021 Version)
 Residential Sub-slab VRSL exceedances in underline (AF=0.03)
 Small Commercial Sub-slab VRSL exceedances in **bold** (AF=0.03)
 - Sub-slab VRSL not established for this compound
 < Compound not detected at or above the Limit of Detection (LOD)
 J Analyte detected below Limit of Quantitation (LOQ)
 E Analyte concentration exceeded the calibration range. The reported result is estimated.
 All samples collected with a 6 Liter Summa Canister
 All analysis completed by Pace Analytical Services