



November 9, 2021

Don Scherf  
Scherf Properties Trust II  
1700 Howlett Lane  
Waukesha, WI 53186  
*Via Electronic Mail Only to mdjscherf@msn.com*

**KEEP THIS LEGAL DOCUMENT WITH YOUR PROPERTY RECORDS**

SUBJECT: Case Closure with Continuing Obligations  
Krystal Kleaners 145 E. Sunset Drive, Waukesha, WI 53186  
BRRTS #: 02-68-576741, FID #: 268280430

Dear Don Scherf:

The Wisconsin Department of Natural Resources (DNR) is pleased to inform you that the Krystal Kleaners 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 Krystal Kleaners site was investigated for a discharge of hazardous substances and/or environmental pollution from a former dry-cleaning business which was located in the 145-tenant space of the strip mall. Case closure is granted for the chlorinated volatile organic compounds (CVOCs) and petroleum volatile organic compounds (PVOCs) as documented in the case file. The site investigation and/or remedial action addressed soil, groundwater, and vapor. The remedial action consisted of monitored natural attenuation of groundwater. Source control actions taken for vapor intrusion included discontinuation of the use of solvents at the site, and removal of the solvents and former dry-cleaning machine. Contamination remains in soil, groundwater, and vapor, in the area near the 145-tenant space.

The case closure decision and COs required were based on the current use of the site for commercial purposes. The site is currently zoned community business district. 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 locations:

ADDRESS (CITY, WI)	COS APPLIED	DATE OF MAINTENANCE PLAN(S)
145 E. Sunset Drive, Waukesha, WI 53186 (Source Property)	-Residual Soil Contamination -Cover -Residual Groundwater Contamination -Vapor Mitigation Systems -Vapor Commercial/Industrial Use -Vapor Future Concern	September 22, 2021

### CLOSURE CONDITIONS

Closure conditions are legally required conditions which include both COs and other requirements for case closure (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 September 22, 2021 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 under and near the 145-tenant space as indicated on the enclosed map (Figure B.2.b., Residual Contamination, 7/19/2021). If soil in the location(s) shown on the map is excavated in the future, the property owner or right of way holder at the time of excavation must sample and analyze the excavated soil. If sampling confirms that contamination is present, the property owner or right of way holder 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, occupants and right of way holders 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 (for soil) (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 building concrete slab and asphalt pavement as shown on the enclosed map (Figure D.2.f, Site Protection Barrier, 9/23/2021) shall be maintained in compliance with the enclosed maintenance plan, dated September 22, 2021. The purpose of the cover is to minimize the infiltration of water through contaminated soil that might otherwise pose a threat to human health.

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. The 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).

## **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 CVOCs is present near the 145-tenant space, as shown on the enclosed map (Figure B.3.b., PCE In Groundwater, 9/23/2021). 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 - Vapor Mitigation Systems: (Wis. Stat. § 292.12(2), Wis. Admin. Code § NR 726.15(2)(h), (i), (j) or (m))

Vapor mitigation systems, which may include vapor barriers, are used to interrupt the vapor pathway, thereby reducing or preventing vapors from moving into the building. Soil vapor beneath the 145 and 143 tenant spaces contains CVOCs at levels that would pose a risk to human health, if allowed to migrate into an occupied building on the property. See the enclosed map (Figure B.4.a., Sub-Slab Vapor Sample Results, 9/23/2021).

The vapor mitigation system is a sub-slab depressurization system consisting of two suction points, piping, and an exterior fan. The property owner shall maintain, operate, and inspect the vapor mitigation system, installed in February 2017, in accordance with the enclosed maintenance plan, dated September 22, 2021. System components must be repaired or replaced immediately upon discovery of a malfunction. The property owner shall document inspections on the VMS inspection log (Form 4400-321). See the Other Closure Requirements section of this letter for more details.

VI - Commercial/Industrial Use: (Wis. Stat. § 292.12(2), Wis. Admin. Code § NR 726.15(2)(k) or (m))

Soil vapor beneath the 141-tenant space contains contamination at concentrations that pose a long-term risk to human health if allowed to migrate into an occupied building. See the enclosed map (Figure B.4.a, Sub-Slab Vapor Sample Results, 9/23/2021). Case closure is based on the following site-specific exposure assumptions: commercial use of the property, and continued existence of the floor. Use of this property is restricted to the following uses: commercial use. If changes in property or land use are planned, the property owner must evaluate whether the closure is protective for the proposed use. The DNR may require additional response actions.

VI - Future Concern: (Wis. Stat. § 292.12(2), Wis. Admin. Code § NR 726.15(2)(L) or (m), as applicable.

CVOCs remain in soil and groundwater near the 145-tenant space, as shown on the enclosed map, (Figure B.4.a., Sub-Slab Vapor Sample Results, 9/23/2021), 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 an existing building is remodeled. At the time of closure, a 31,131 square foot multi-tenant retail center is present with multiple commercial uses.

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.

## **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 September 22, 2021 for the cover and vapor mitigation system, to conduct inspections annually, and to use the inspection log (DNR Form 4400-305 or Form 4400-321 VMS Inspection Log) 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 annually, starting one year after the date of this letter, 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(s). The following activities are prohibited on any portion of this property where the cover and vapor mitigation system are required, without prior DNR approval.

- If site uses or facility layouts change any components or operational abilities of the barrier system or the SSDS as described in the maintenance plan, the Site property owner shall 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.

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](http://dnr.wi.gov), search "3300-254." Additional casing may be necessary to help prevent contamination of the well.

**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 deciding to no longer use the vapor mitigation system, to shut off the fan or disrupt or abandon the vapor mitigation system, or before making any change to the vapor mitigation system or to a vapor barrier.
- Before changing the land use for sites where commercial or industrial exposure settings were used to determine vapor risk screening levels.
- 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](http://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 and inspection logs to the DNR using the RR Program Submittal Portal at [dnr.wi.gov](http://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 Project Manager below or to the environmental program associate (EPA) for the regional DNR office. Visit [dnr.wi.gov](http://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 the DNR Project Manager, Joseph Martinez at 414-218-6042 or [joseph.martinez@wisconsin.gov](mailto:joseph.martinez@wisconsin.gov).

Sincerely,



Michele R. Norman  
Southeast Region Team Supervisor  
Remediation & Redevelopment Program

### Attachments:

- Figure B.3.b, PCE In Groundwater, 9/23/2021
- Figure B.2.b., Residual Contamination, 7/19/2021
- Figure B.4.a., Sub-Slab Vapor Sample Results, 9/23/2021
- Figure D.2.f, Site Protection Barrier, 9/23/2021
- Attachment D, Maintenance Plan, September 22, 2021
- Inspection Log (DNR Form 4400-305)
- Attachment D, Vapor Mitigation Maintenance Plan, September 22, 2021
- Inspection Log (DNR Form 4400-321: Vapor Mitigation System Inspection Log)

cc: Bob Cigale, Endpoint Solutions Corp. – [bob@endpointcorporation.com](mailto:bob@endpointcorporation.com)

### Additional Resources:

The DNR fact sheets listed below can be obtained by visiting the DNR website at “[dnr.wi.gov](http://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)*

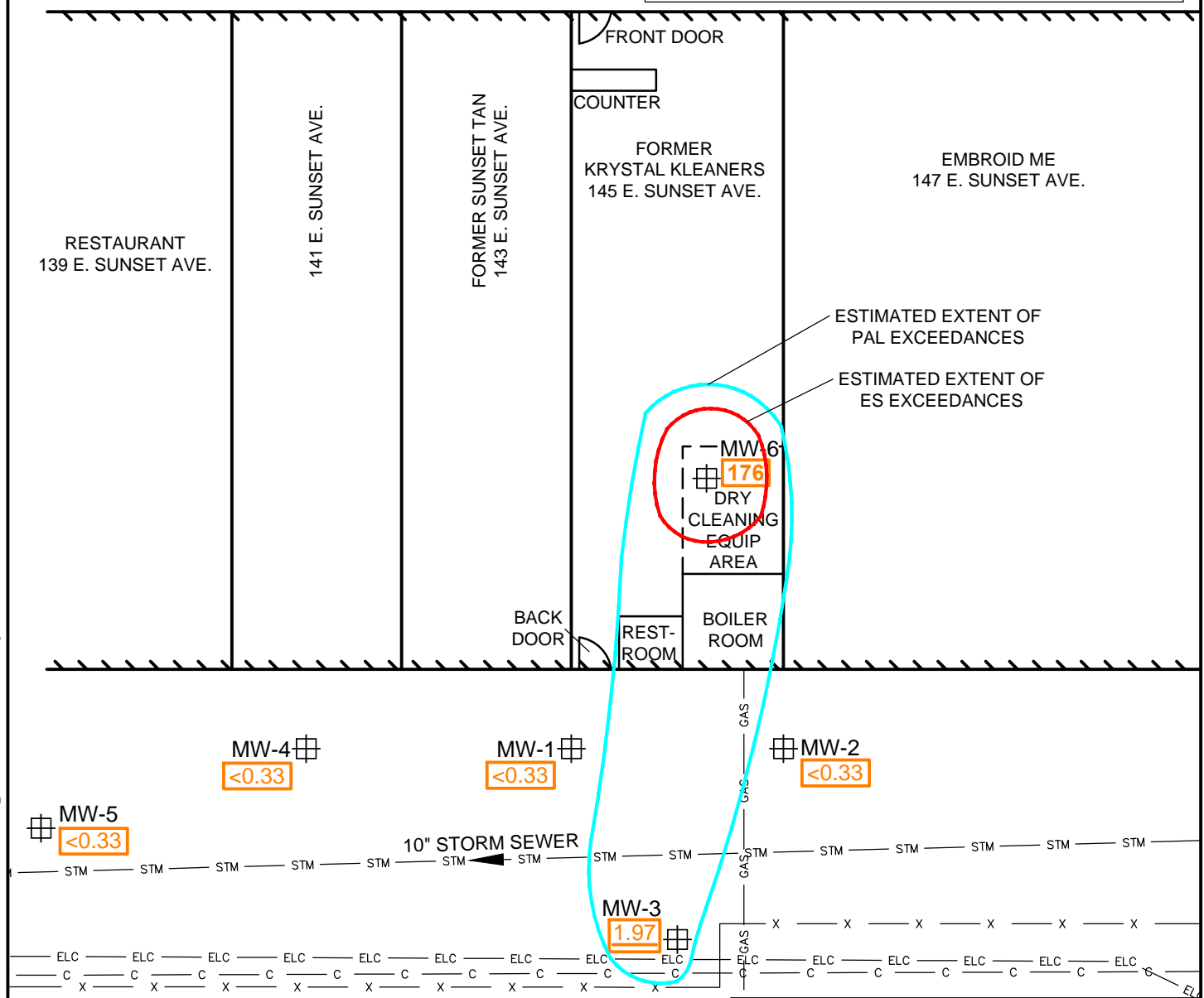
*Environmental Contamination and Your Real Estate (RR-973)*

*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)*

EDGE OF BUILDING
   
 — x — FENCE
   
 — c — UNDERGROUND COMMUNICATIONS/CONDUIT
   
 — ELC — UNDERGROUND ELECTRIC LINE
   
 — GAS — GAS LINE
   

 MONITORING WELL/PIEZOMETER LOCATION
   
 UNDERLINED RESULT INDICATES PREVENTIVE ACTION LIMIT (PAL) EXCEEDANCE
   
 BOLD RESULT INDICATES ENFORCEMENT STANDARD (ES) EXCEEDANCE
   
 ALL RESULTS IN MICROGRAMS PER LITER (ug/L)
   
 PCE - TETRACHLOROETHENE



**PCE IN GROUNDWATER (8/26/20)**

02-68-576741 KRYSTAL KLEANERS  
145 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

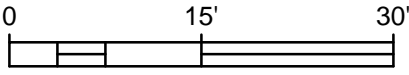
**Endpoint Solutions**

6871 S. Lovers Lane  
Franklin, WI 53132

Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: NWD DATE: 09/23/2021  
REVIEWED BY: RAC PROJECT NO: 403-001-012-006 **B.3.b**

- NOTES:
1. UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.

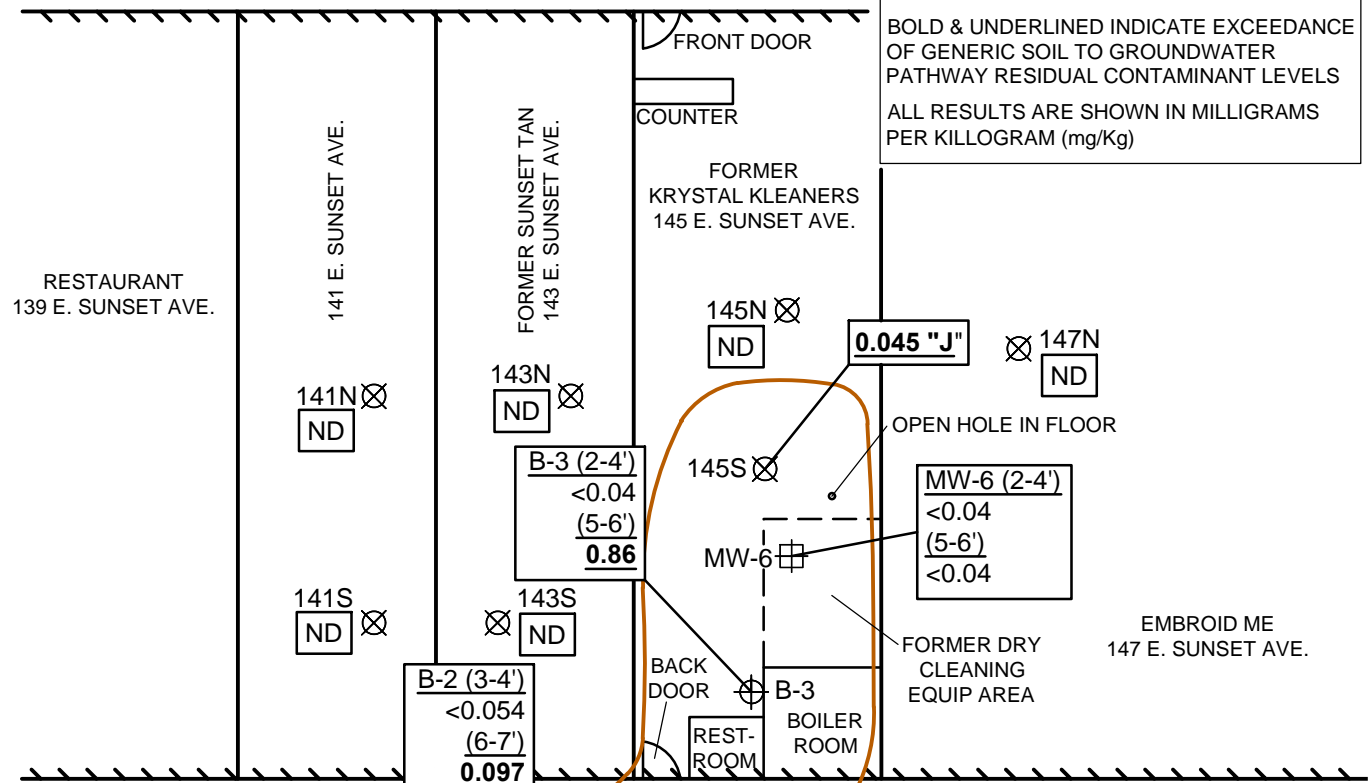


P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\B.3.b\_403-001-012-006 PCE in GW.dwg

EDGE OF BUILDING  
 FENCE  
 SOIL BORING LOCATION  
 SHALLOW SOIL SAMPLE LOCATION AND IDENTIFIER  
 SOIL BORING W/ MONITORING WELL LOCATION

ND = NON-DETECT  
 PCE = TETRACHLOROETHENE  
 J = RESULT IS AN ESTIMATE BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION

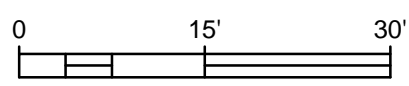
**BOLD & UNDERLINED INDICATE EXCEEDANCE OF GENERIC SOIL TO GROUNDWATER PATHWAY RESIDUAL CONTAMINANT LEVELS**  
 ALL RESULTS ARE SHOWN IN MILLIGRAMS PER KILOGRAM (mg/Kg)



MW-4 (2-4') <0.054 (6-8') <0.054	MW-2 (3-4') <0.054 (6-8') <0.054
-------------------------------------------	-------------------------------------------

MW-5 (2-4') <0.054 (6-8') <0.054	MW-1 (2-4') <0.054 (6-8') <b>0.162 J</b>
-------------------------------------------	---------------------------------------------------

MW-3 (2-3') <0.054 (6-8') <0.054
-------------------------------------------



APPROXIMATE EXTENT OF SOILS EXCEEDING SOIL-TO-GROUNDWATER PATHWAY RCLs

**RESIDUAL CONTAMINATION**  
 02-68-576741 KRystal Kleaners  
 145 E. SUNSET DRIVE  
 WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**  
 6871 S. Lovers Lane  
 Franklin, WI 53132

Phone: (414) 427-1200      Fax: (414) 427-1259

DRAWN BY: NWD	DATE: 07/19/2021
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006

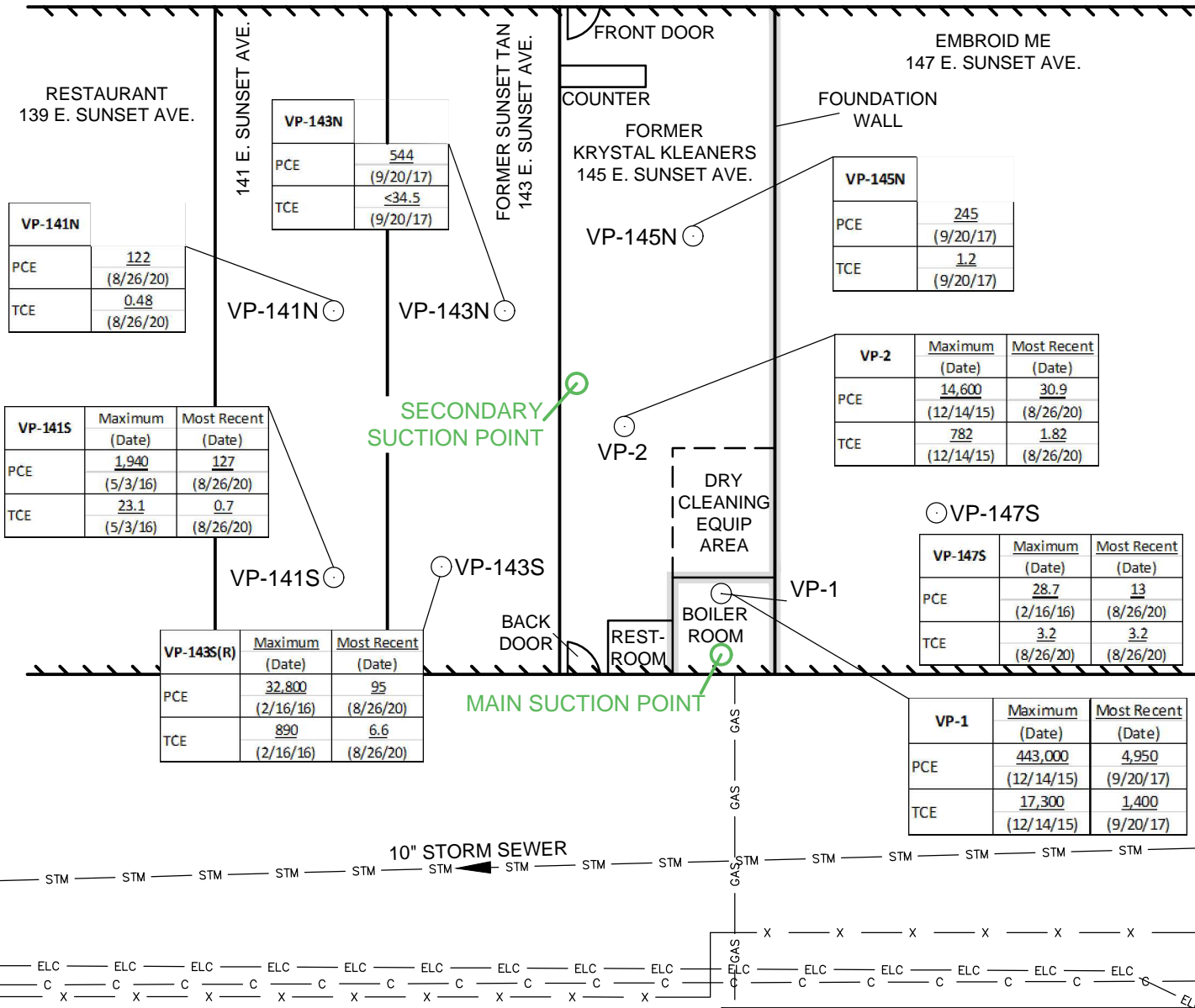
B.2.b

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SOURCE:



**EDGE OF BUILDING**  
 — X — FENCE  
 — C — UNDERGROUND COMMUNICATIONS/CONDUIT  
 — ELC — UNDERGROUND ELECTRIC LINE  
 — GAS — GAS LINE  
 ○ SUBSLAB VAPOR SAMPLING POINT LOCATION  
 VAPOR RESULTS REPORTED IN MICROGRAMS PER CUBIC METER (ug/m<sup>3</sup>)



**VP-141N**

PCE	122
	(8/26/20)
TCE	0.48
	(8/26/20)

**VP-143N**

PCE	544
	(9/20/17)
TCE	<34.5
	(9/20/17)

**VP-145N**

PCE	245
	(9/20/17)
TCE	1.2
	(9/20/17)

**VP-141S**

	Maximum (Date)	Most Recent (Date)
PCE	1,940 (5/3/16)	127 (8/26/20)
TCE	23.1 (5/3/16)	0.7 (8/26/20)

**VP-2**

	Maximum (Date)	Most Recent (Date)
PCE	14,600 (12/14/15)	30.9 (8/26/20)
TCE	782 (12/14/15)	1.82 (8/26/20)

**VP-147S**

	Maximum (Date)	Most Recent (Date)
PCE	28.7 (2/16/16)	13 (8/26/20)
TCE	3.2 (8/26/20)	3.2 (8/26/20)

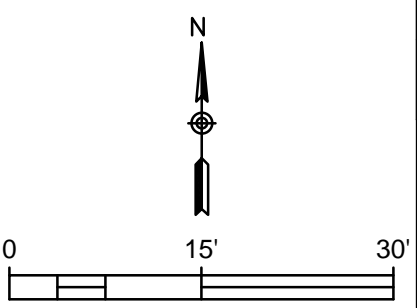
**VP-143S(R)**

	Maximum (Date)	Most Recent (Date)
PCE	32,800 (2/16/16)	95 (8/26/20)
TCE	890 (2/16/16)	6.6 (8/26/20)

**VP-1**

	Maximum (Date)	Most Recent (Date)
PCE	443,000 (12/14/15)	4,950 (9/20/17)
TCE	17,300 (12/14/15)	1,400 (9/20/17)

- NOTES:**
- UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.



**SUB-SLAB VAPOR SAMPLE RESULTS (8/26/20)**

02-68-576741 KRYSTAL KLEANERS  
145 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
Franklin, WI 53132

Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: NWD DATE: 09/23/2021  
REVIEWED BY: RAC PROJECT NO: 403-001-012-006

B.4.a.1

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**PROTECTIVE BARRIER AND VAPOR MITIGATION SYSTEM MAINTENANCE AND OPERATION PLAN**  
**September 22, 2021**

**PROPERTY LOCATED AT:**  
**145 EAST SUNSET DRIVE**  
**WAUKESHA, WISCONSIN**

**FID #268280430**  
**WDNR BRRTS #02-68-576741**

**Legal Description:**

The subject property is located in the northwest ¼ of the northwest ¼ of Section 14, Township 06 North, Range 19 East in the City of Waukesha, County of Waukesha, State of Wisconsin. The subject property consists of a single parcel totaling 3.01 acre. The property contains a 31,131 square foot multi-tenant retail center. The location of the subject property is depicted on **Figure D.2.a – Site Map**.

The addresses associated with the subject property include 131 to 159 East Sunset Drive as separate tenant spaces/businesses. The specific address of the business that contains the referenced contamination is 145 East Sunset Drive, Waukesha, Wisconsin.

Tax Key #WAKC1350124  
Parcel ID #1350124

**Introduction**

This document is the maintenance plan for the barrier and associated vapor mitigation system at the above referenced property in accordance with s. NR 724.13(2), Wis. Admin. Code. The maintenance and operation activities relate to the existing barrier/cover and sub-slab depressurization system (SSDS) which addresses or occupies the area over the contaminated groundwater, soil and vapor.

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

- The case file in the (Wisconsin Department of Natural Resources (WDNR) Southeast regional office;
- [BRRTS on the Web](http://dnr.wi.gov/imf/imf.jsp?site=brrts2) (WDNR's internet-based data base of contaminated sites): <http://dnr.wi.gov/imf/imf.jsp?site=brrts2>; 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; and
- The WDNR project manager for the referenced site and/or Waukesha County (presently Mr. James Delwiche).

**D.1 Descriptions:**

**Background**

The subject property consists of a single parcel encompassing 3.01 acres. The property contains a 31,131 square foot multi-tenant retail center.

The addresses associated with the subject property include 131 to 159 East Sunset Drive as separate tenant spaces/businesses. The specific address of the business that contains the referenced contamination is 145 East Sunset Drive, Waukesha, Wisconsin. The site is supplied with municipal water and sanitary sewer services. There are no surface water bodies in close proximity to the site.

Historically the site has been used as a dry-cleaning operation for the most part under the following company names: From 1991-1996, a One Hour Martinizing Dry Cleaning. In 2001-2006 the space was occupied by Martinizing One Hour Cleaners West and from 2006-2010 it became Carriage Cleaners. The site has been most recently occupied by Krystal Kleeners from 2010-2017. A detailed view of the area of contamination is presented on **Figure D.2.b – Detailed Site Map**.

Investigation activities have been completed at the Site over the time period from 2015 to present and have included soil, groundwater and vapor sampling and analysis. Based on the work completed to date, the soil profile at the Site consists primarily of a silty clay fill followed by a tan fine to coarse sand between eight (8) and 12 ft bgs. Groundwater at the site was encountered at approximately seven (7) to eight (8) feet bgs and generally flows in a west southwesterly direction.

### **Description of Contamination**

#### Soil

The extent of soil contamination was delineated and is limited to the unsaturated soils beneath the south end of the 145 East Sunset Drive tenant space and the area surrounding the MW-1 and B-2 locations to the south of the subject property building. The soil contamination does not include any direct-contact exceedances; therefore, the direct-contact pathway is not complete and will not need to be addressed. The soil exceedances are limited to the soil-to-groundwater pathway. The extent of soil impacts exceeding generic groundwater pathway Residual Contaminant Levels (RCLs), is depicted on **Figure D.2.c – Residual Soil Contamination**. The extent of contaminated soil is also currently capped by the existing building or the existing asphalt parking lot.

#### Groundwater

The vertical and horizontal extent of groundwater contamination exceeding Wisconsin Administrative Code (WAC) Chapter NR 140 Enforcement Standards (ESs) and Preventative Action Limits (PALs) for specific VOCs have been defined on the site as shown on **Figure D.2.d – Groundwater Isoconcentration**. Groundwater containing elevated concentrations of VOCs is located at a depth of approximately seven (7) to eight (8) feet below ground surface (bgs). The lateral extent of the plume has been delineated to extend approximately 50 feet west-southwest from the 145 East Sunset Drive tenant space. While the groundwater elevation data indicates a downward vertical gradient, the groundwater sample collected from piezometer PZ-1 did not contain any detections of tetrachloroethene (PCE), trichloroethene (TCE) or their daughter products. The downgradient extent of the groundwater plume does not extend off the Site.

During the most recent groundwater sampling event conducted in April 2021, a PAL exceedance for PCE was detected in the sample collected from monitoring well MW-3, and ES exceedances for TCE and PCE were detected in the groundwater sample collected from MW-6.

#### Vapor

Sub-slab vapor samples were collected from the 141, 143, 145 and 147 East Sunset Drive tenant spaces. The results are as follows:

- 145 East Sunset Drive: Sub-slab vapor samples collected from VP-1 and VP-2 historically contained concentrations of PCE and TCE which exceeded their respective Small Commercial Sub-Slab Regional Screening Levels; however, following the installation and operation of the Sub-Slab Venting System, only the concentration of TCE at the VP-1 location continued to exceed its Small Commercial Sub-Slab Regional Screening Level.
- 143 East Sunset Drive: The original sub-slab vapor sample collected from the 143 East Sunset Drive tenant space contained concentrations of PCE and TCE which exceeded their respective Small Commercial Sub-Slab Regional Screening Levels; however, following the installation and operation of the Sub-Slab Venting System, neither the concentration of PCE or TCE continued to exceed their respective Small Commercial Sub-Slab Regional Screening Levels.

The most recent sub-slab vapor screening results are depicted on **Figure D.2.e – Vapor Intrusion**.

## **PROTECTIVE BARRIERS**

### Description and Purpose of the Protective Barriers/Cover to be Maintained

The concrete slab-on-grade building and the asphalt parking lot to the south of the 145 East Sunset Drive tenant spaces adequately cover the contaminated soil, groundwater and vapor, **Figure D.2.f – Site Protection Barrier**.

The slab-on-grade and paved parking lot will act as a barrier to minimize additional future soil-to-groundwater contaminant migration. Further, it provides a surface seal for the vapor mitigation system installed at the site, to capture and release to the atmosphere any harmful vapors before they can migrate to indoor air spaces and pose a potential health risk.

### Type

The barrier/cover consists of approximately three (3) inches of concrete inside the building (slab on grade). Outside and adjacent to the building, the cover consists of approximately 3 inches of bituminous asphalt. The barrier is expected to function adequately based on the current use of the site unless disturbed. Photographs of the Protective Barrier/Cover System may be found in **Attachment D.3**.

### Inspections

The barrier inside and outside the building should be inspected once a year, in the spring preferably, after all snow and ice is gone and evaluated for deterioration, cracks, displacement, settling or any other potential problems. The inspections will be performed by the property owner or their designated representative. Inspections will be performed to evaluate any damage due to settling, exposure to the weather, wear from traffic, age or other factors. Any areas that show damage in which soils are exposed or likely to become exposed or where infiltration from the surface could occur should be noted, subsequently repaired and documented.

A log of the inspections and repairs will be maintained by the Site owner. An example Inspection and Maintenance Log (WDNR Form 4400-305) is attached as **Attachment D.4.a**. The log will include recommendations for the repair of any areas of damaged cover, including any recommendations for improving Site conditions to avoid future damage to the cover. Once repairs are completed, they will be

documented in the inspection log. A copy of the inspection log will be kept at the address of the Site owner and available for submittal or inspection by the WDNR representatives upon their request.

#### Maintenance Activities

If problems are noted during the annual inspections or at any other time, repairs will be scheduled as soon as practical. The barrier will be restored to meet original conditions. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment (PPE).

The owner must also sample any soil excavated for the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with all applicable local, state and federal law.

The property owner, in order to maintain the integrity of the barrier, will maintain a copy of this Maintenance Plan either at the site or at the property owners address (if there is no acceptable place to keep it at the site). The property owner must make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

### **SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) at 145 East Sunset Drive**

#### Description and Purpose of the SSDS System

Elevated concentrations of PCE and TCE above their respective Small Commercial Sub-Slab Regional Screening Level were detected beneath the 143 and 145 East Sunset Drive tenant spaces, see **Figure D.2.e - Vapor Intrusion**. Therefore, to address the presence of contaminants a Vapor Mitigation System or SSDS was designed.

The SSDS consists of solvent-glued PVC pipe which penetrates the slab-on-grade in two (2) locations. The layout of the SSDS is depicted on **Figure D.2.g – Mitigation System**. A rubberized latex caulk was utilized to seal the suction pipe penetrations through the slab-on-grade. A RadonAway HS Series fan was installed on the south exterior wall of the building to provide suction to the two (2) penetrations. Photographs of the installed mitigation system may be found in **Attachment D.3**.

#### Inspections

The operation of the SSDS system should be inspected at a minimum quarterly for the first year and once a year thereafter. The inspections are to be performed by the Site owner, informed tenant and/or a designated representative. The inspections will be performed to evaluate the system for proper operation and/or damage due to wear and tear. Any mechanical issues should be noted, repaired and documented accordingly.

A log of the inspections and repairs will be maintained by the Site owner. An example Inspection and Maintenance Log (WDNR Form 4400-321) is attached as **Attachment D.4.b**. The log will include recommendations for the repair of any areas of the SSDS, including any recommendations for improving Site conditions to avoid future damage to the system. Once repairs are completed, they will be

documented in the inspection log. A copy of the inspection log will be kept at the address of the Site owner and is required to be submitted to the WDNR on an annual basis.

The inspection should include at a minimum the following items:

- Check fan to make sure it is operating and listen for any unusual noises or vibrations;
- Verify through a manometer measurement that the system is operating properly. In order to do this properly, the meter should be read from the side of the gauge that is attached to the tubing (fan). The column of water on this side should be higher (indicating a vacuum or suction on the system) than the other side of the gauge (opposite that of the tubing) and should measure at least a 1.0 on the gauge while the fan is operating;
- Assess pipe connections and supports to make sure they are secure;
- Inspect the concrete slab-on-grade around the two (2) vapor suction points/pipes to ensure the pipes are sufficiently sealed to prevent short-circuiting of indoor air into the SSDS.
- Periodically inspect the exterior fan vent to make sure there is no damage or obstructions to the outward flow of air.

#### Maintenance Activities

If problems are noted during the annual inspections or at any other time of the SSDS, repairs will be scheduled as soon as practical. Maintenance actions, can include repairs or replacement of equipment. In the event that maintenance activities are necessary, the owner must inform maintenance workers of the exposure hazards and provide them with the appropriate PPE. The SSDS must be restored to meet original conditions if any repairs are necessary. Any replacement equipment will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor. The Site owner, in order to maintain the integrity of the system will maintain a copy of this Maintenance Plan at the Site and make it available to all interested parties for viewing.

#### Prohibition of Activities and Notification of DNR Prior to Actions Affecting an SSDS

Note, if Site uses or facility layouts change any components or operational abilities of the barrier system or the SSDS as describe herein, the Site 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

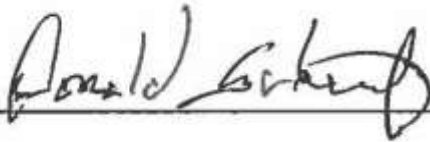
This Maintenance Plan can be amended or withdrawn by the Site owner and its successors with the written approval of the WDNR.

Contact Information

September 22, 2021

Site Owner: Mr. Don Scherf  
1700 Howlett Lane  
Waukesha, WI 53186  
(414) 550-2229

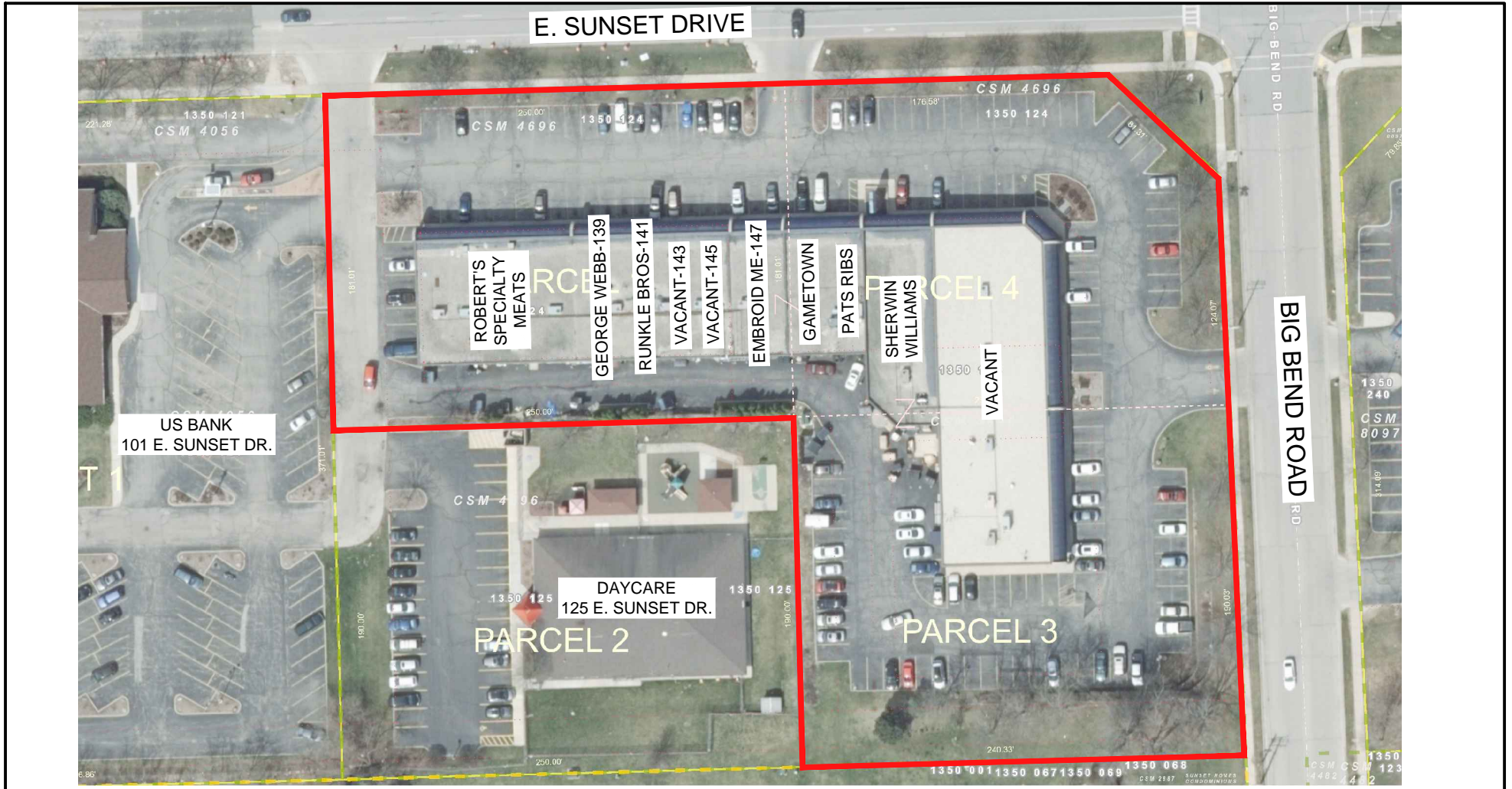
Signature: \_\_\_\_\_


A handwritten signature in black ink, appearing to read "Donald Scherf", is written over a horizontal line.

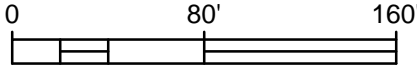
(WDNR may request signature of affected property owners, on a case-by-case basis)

Consultant: Endpoint Solutions Corp/Robert Cigale  
6871 S. Lovers Lane  
Franklin, WI 53132  
(414) 427-1200

WDNR: Mr. Joseph Martinez, Hydrogeologist  
Wisconsin Department of Natural Resources  
1027 West St. Paul Avenue  
Milwaukee, WI 53233  
(414) 218-6042  
[joseph.martinez@wisconsin.gov](mailto:joseph.martinez@wisconsin.gov)



 SUBJECT PROPERTY

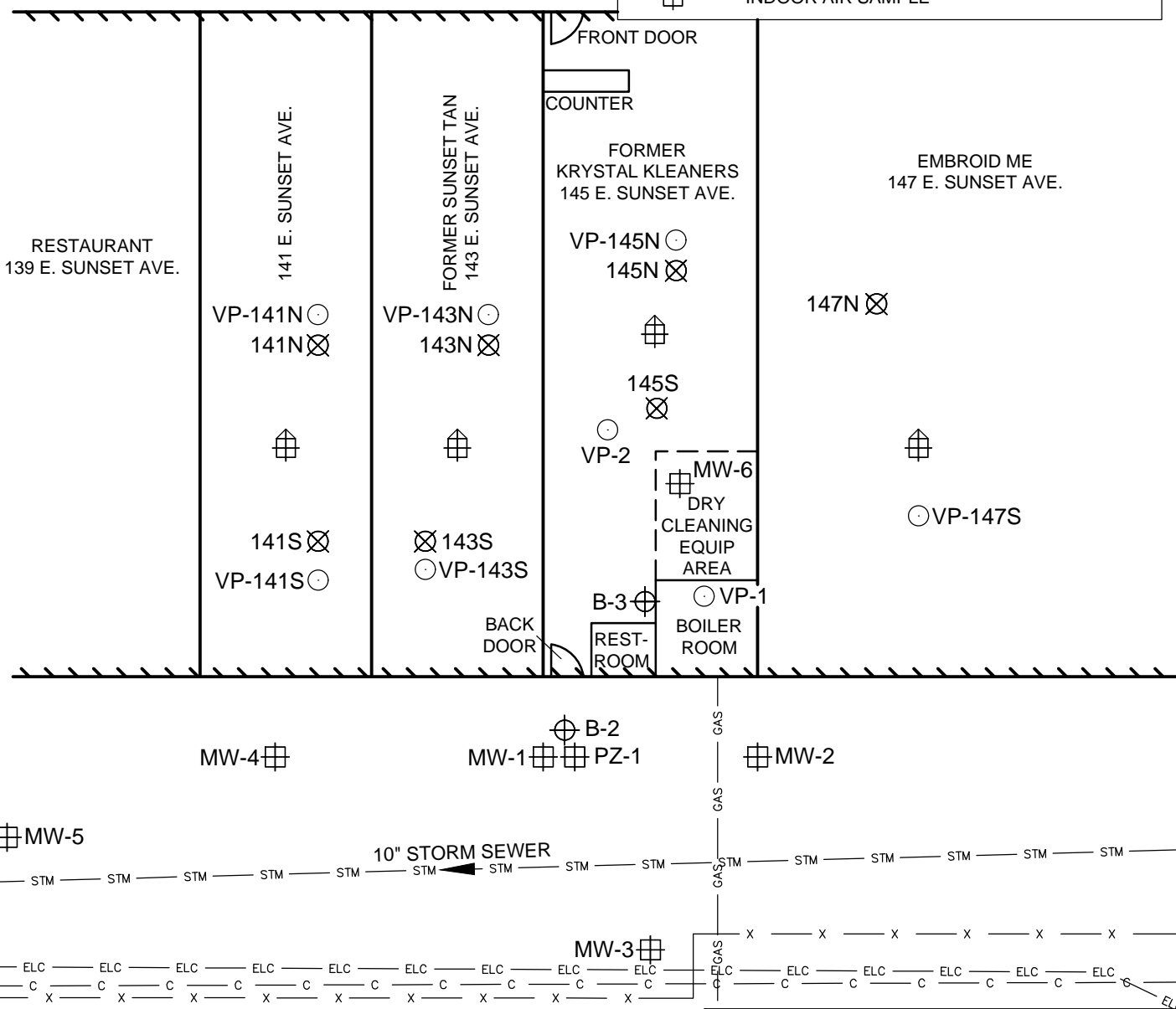


<b>SITE MAP</b>		
131 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b>Endpoint Solutions</b>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 05/16/19	D.2.a
REVIEWED BY: RAC	PROJECT NO: 403-001-010	

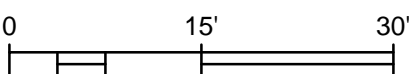


B-1

EDGE OF BUILDING
   
 — x — FENCE
   
 — c — UNDERGROUND COMMUNICATIONS/CONDUIT
   
 — ELC — UNDERGROUND ELECTRIC LINE
   
 — GAS — GAS LINE
   
 SOIL & GROUNDWATER SAMPLE LOCATION
   
 SHALLOW SOIL SAMPLE LOCATION AND IDENTIFIER
   
 SUBSLAB VAPOR SAMPLING POINT LOCATION
   
 MONITORING WELL/ PIEZOMETER LOCATION
   
 INDOOR AIR SAMPLE



- NOTES:**
1. UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.



**DETAILED SITE MAP**

02-68-576741 KRYSTAL KLEANERS  
145 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
Franklin, WI 53132

Phone: (414) 427-1200      Fax: (414) 427-1259

DRAWN BY: NWD	DATE: 07/19/2021
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006

D.2.b

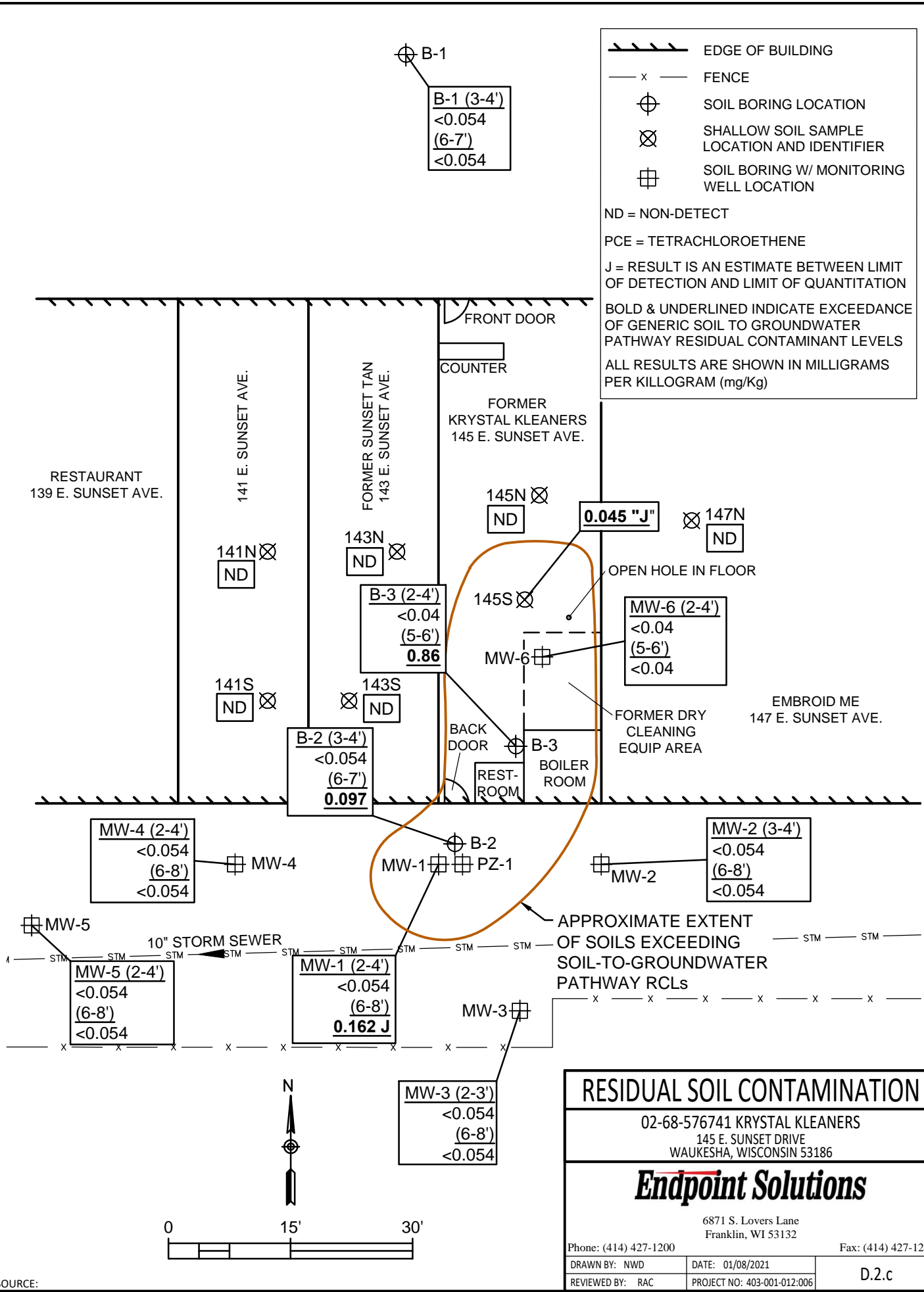
P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\02.b\_403-001-012-006 Detailed Site Map.dwg

P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\02.c\_403-001-012-006 Residual Soil Contamination.dwg

**EDGE OF BUILDING**  
**FENCE**  
**SOIL BORING LOCATION**  
**SHALLOW SOIL SAMPLE LOCATION AND IDENTIFIER**  
**SOIL BORING W/ MONITORING WELL LOCATION**

ND = NON-DETECT  
PCE = TETRACHLOROETHENE  
J = RESULT IS AN ESTIMATE BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION

**BOLD & UNDERLINED INDICATE EXCEEDANCE OF GENERIC SOIL TO GROUNDWATER PATHWAY RESIDUAL CONTAMINANT LEVELS**  
**ALL RESULTS ARE SHOWN IN MILLIGRAMS PER KILOGRAM (mg/Kg)**



**RESIDUAL SOIL CONTAMINATION**

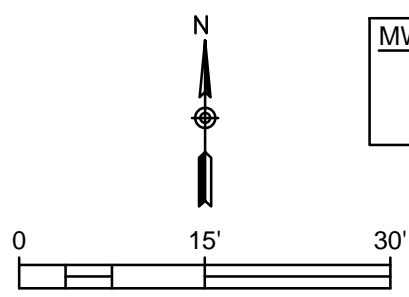
02-68-576741 KRYSTAL KLEANERS  
145 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
Franklin, WI 53132

Phone: (414) 427-1200      Fax: (414) 427-1259

DRAWN BY: NWD	DATE: 01/08/2021	D.2.c
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006	

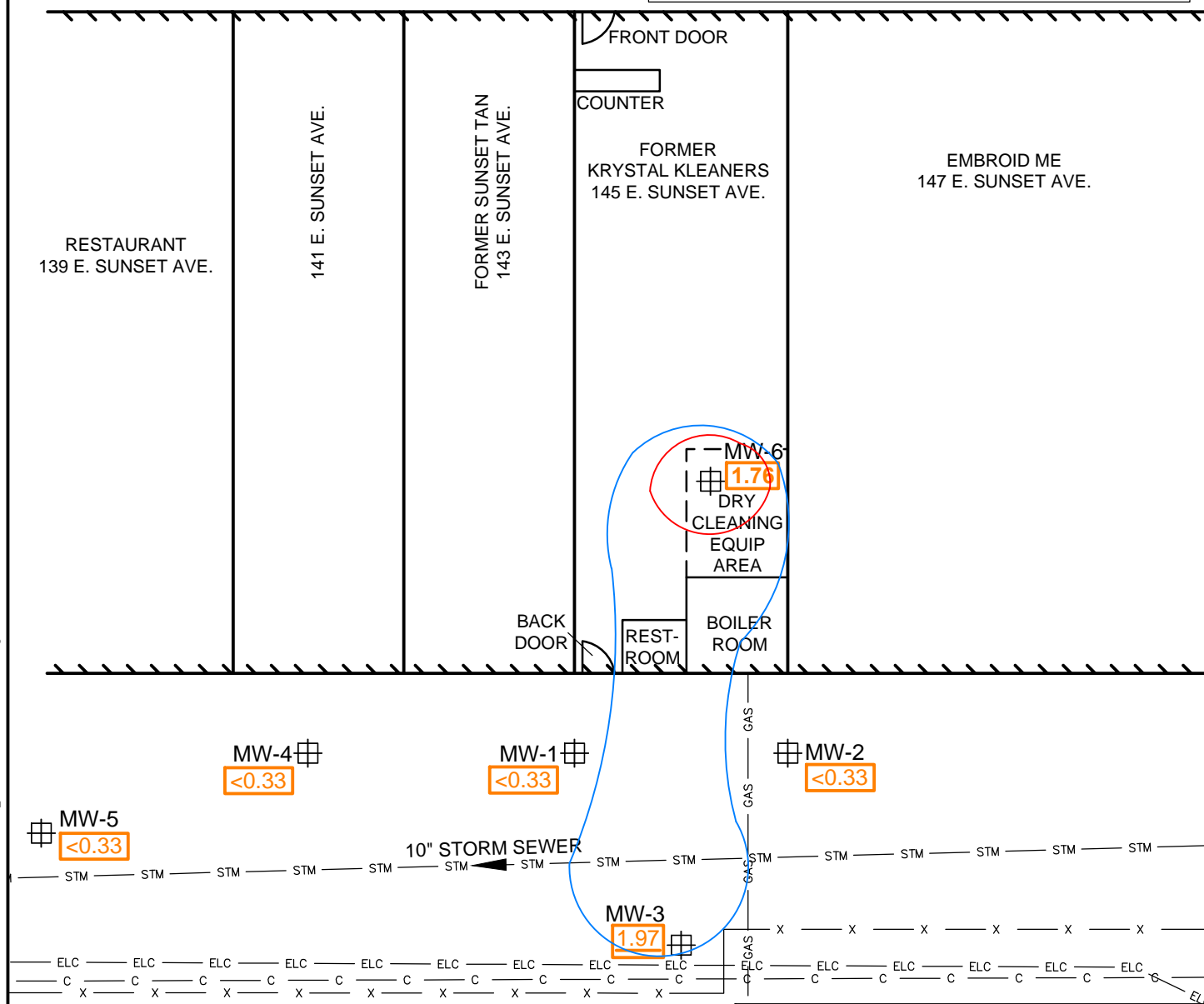


SOURCE:

— APPROXIMATE EXTENT OF ES EXCEEDANCES  
— APPROXIMATE EXTENT OF PAL EXCEEDANCES

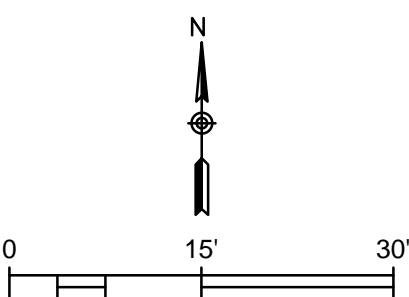
EDGE OF BUILDING  
 X — FENCE  
 C — UNDERGROUND COMMUNICATIONS/CONDUIT  
 ELC — UNDERGROUND ELECTRIC LINE  
 GAS — GAS LINE  
 MONITORING WELL/  
 PIEZOMETER LOCATION

UNDERLINED RESULT INDICATES PREVENTIVE ACTION LIMIT (PAL) EXCEEDANCE  
 BOLD RESULT INDICATES ENFORCEMENT STANDARD (ES) EXCEEDANCE  
 ALL RESULTS IN MICROGRAMS PER LITER (ug/L)  
 PCE - TETRACHLOROETHENE



P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\02.dwg\_403-001-012-006 PCE in GW.dwg

- NOTES:
- UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.



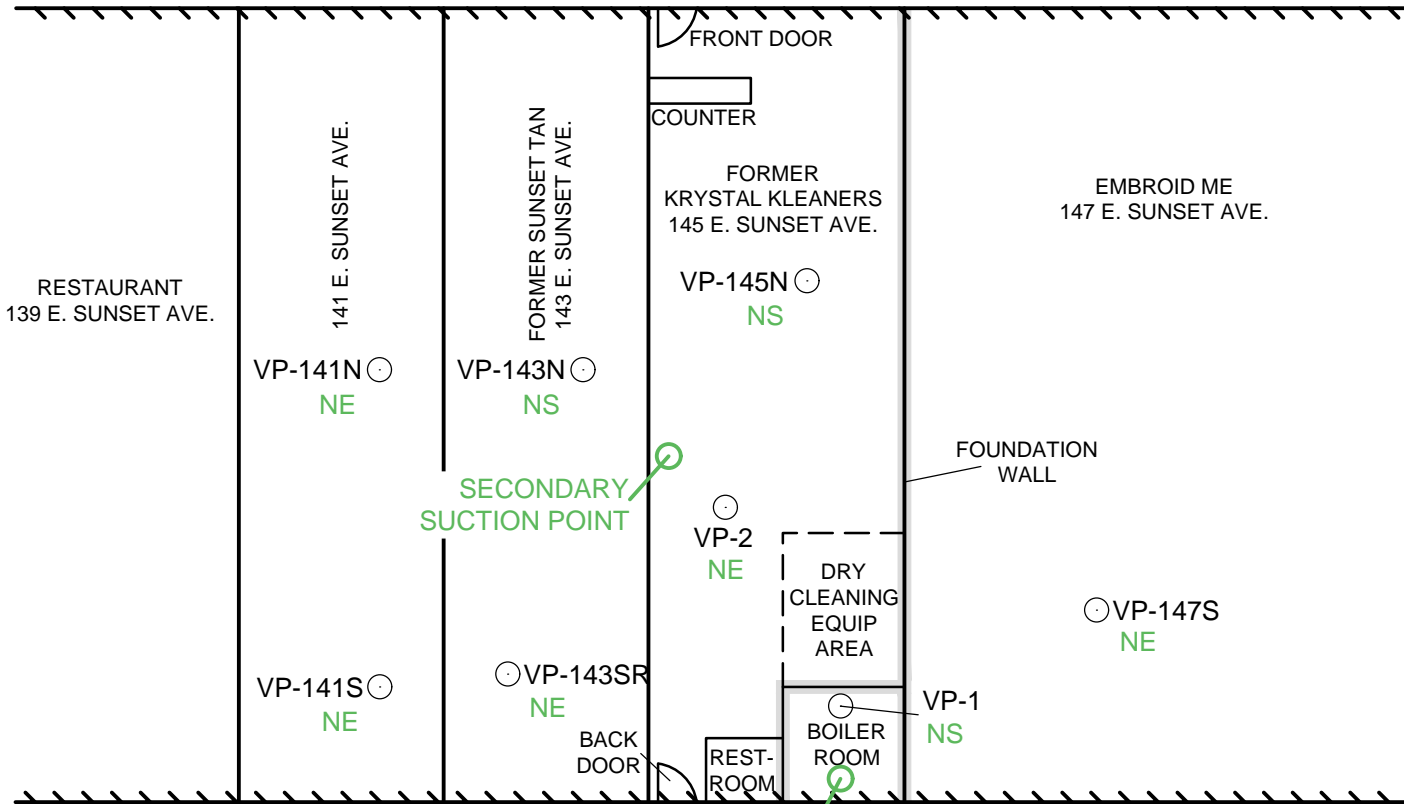
**PCE IN GROUNDWATER (8/26/20)**  
 02-68-576741 KRYSTAL KLEANERS  
 145 E. SUNSET DRIVE  
 WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**  
 6871 S. Lovers Lane  
 Franklin, WI 53132

Phone: (414) 427-1200 Fax: (414) 427-1259

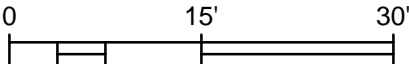
DRAWN BY: NWD	DATE: 07/19/2021	D.2.d
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006	

EDGE OF BUILDING  
 — X — FENCE  
 — C — UNDERGROUND COMMUNICATIONS/CONDUIT  
 — ELC — UNDERGROUND ELECTRIC LINE  
 — GAS — GAS LINE  
 ○ SUBSLAB VAPOR SAMPLING POINT LOCATION  
 NE - NO EXCEEDANCES OF SMALL COMMERCIAL SUB-SLAB REGIONAL SCREEING LEVEL  
 NS - NOT SAMPLED  
 NM - NOT MEASURED



MAIN SUCTION POINT

10" STORM SEWER



**NOTES:**

1. UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.

**VAPOR INTRUSION**

02-68-576741 KRYSTAL KLEANERS  
 145 E. SUNSET DRIVE  
 WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

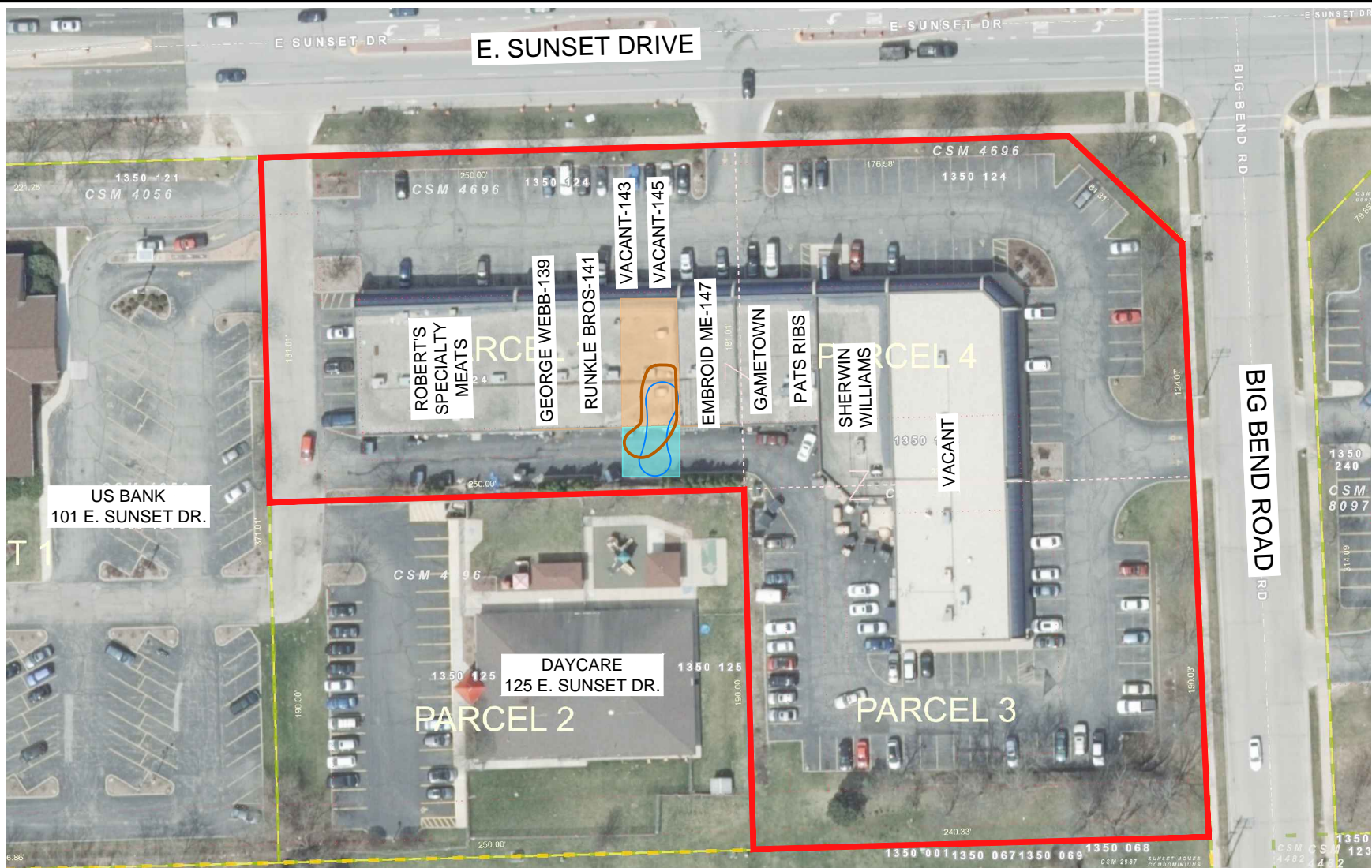
6871 S. Lovers Lane  
 Franklin, WI 53132

Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: NWD	DATE: 07/19/2021
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006

D.2.e

P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\02.e\_403-001-012-006 Vapor Intrusion.dwg



US BANK  
101 E. SUNSET DR.

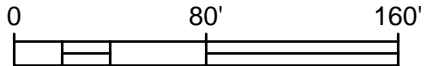
DAYCARE  
125 E. SUNSET DR.

PARCEL 2

PARCEL 3

PARCEL 4

- SUBJECT PROPERTY
- BUILDING CONCRETE SLAB-ON-GRADE BARRIER
- PAVEMENT BARRIER



## SITE PROTECTION BARRIER

02-68-576741 KRystal KLEANERS  
145 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
Franklin, WI 53132

Phone: (414) 427-1200

Fax: (414) 427-1259

DRAWN BY: NWD

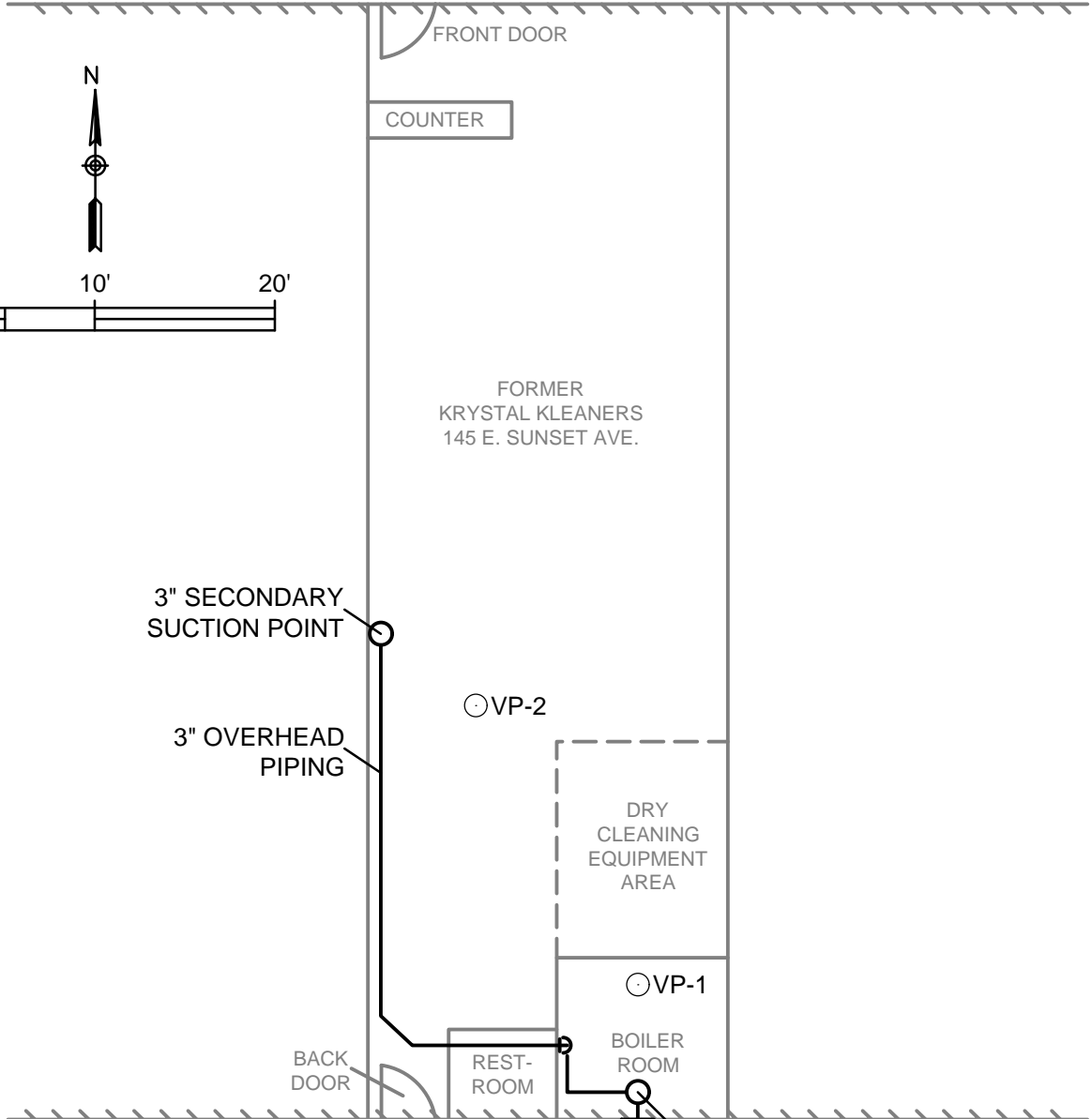
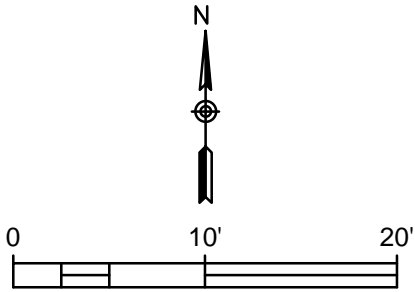
DATE: 09/23/2021

REVIEWED BY: RAC

PROJECT NO: 403-001-010

D.2.f

⊕ B-1



⊕ B-2

EDGE OF BUILDING  
 SOIL & GROUNDWATER SAMPLE LOCATION  
 SUBSLAB VAPOR SAMPLING POINT LOCATION  
**NOTE:**  
 INTERIOR FEATURES NOT TO SCALE BUT LOCATED BASED ON BEST ESTIMATE.

### SUB-SLAB MITIGATION SYSTEM

131 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

## Endpoint Solutions

6871 S. Lover's Lane  
Franklin, WI 53132

Phone: (414) 427-1200

Fax: (414) 427-1259

DRAWN BY: NWD

DATE: 05/16/19

REVIEWED BY: RAC

PROJECT NO: 403-001-010

D.2.g

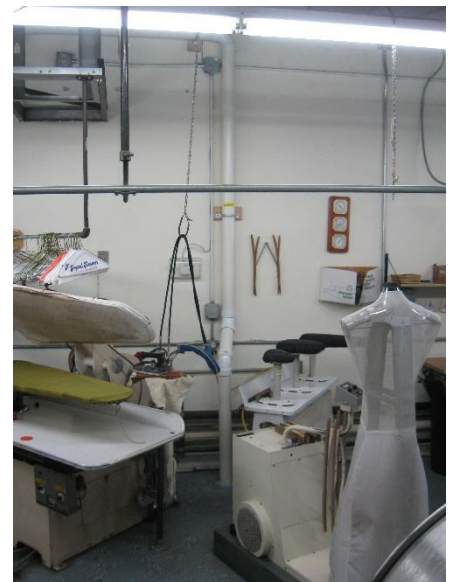
P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-010 Closure Figures\D.2.g\_403-001-010 Mitigation System.dwg

SOURCE:



1. 3" secondary suction pipe penetration.

2. 3" secondary suction pipe routing.



3. 3" secondary suction pipe overhead routing.

**D.3 - SITE PHOTOGRAPHS**

145 E SUNSET DRIVE

WAUKESHA, WI 53186

PROJECT NO:  
403-001-006

**Endpoint**



4. 3" secondary suction pipe overhead routing.

5. Manometer on 3" main suction pipe after fan install.



6. Exterior fan installation.

**D.3 - SITE PHOTOGRAPHS**

145 EAST SUNSET DRIVE

WAUKESHA, WISCONSIN 53186

PROJECT NO:  
403-001-006

**Endpoint**



8/22/2018

Waukesha, Wisconsin - Google Maps



10. South side of building looking East. The back door of Krystal Kleeners (on left) and asphalt protective barrier with MW-1, PZ-1 (foreground), MW2 (right) and MW-2 (in background).

8/22/2018

Waukesha, Wisconsin - Google Maps



11. Protective barrier of asphalt in parking lot. MW-1 and PZ-1 outside the back door of Krystal Kleeners.

**D.3 - SITE PHOTOGRAPHS**

145 EAST SUNSET DRIVE

WAUKESHA, WISCONSIN 53186

PROJECT NO:  
403-001-006

**Endpoint**

**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 Open 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 <b>Krystal Kleeners</b>	BRRTS No. <b>02-68-576741</b>
-------------------------------------------------	----------------------------------

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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N

{Click to Add/Edit Image}

Date added:

Title:

{Click to Add/Edit Image}

Date added:

Title:

**Notice:** 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 vapor-related 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.].

**Directions:** This form was developed to provide the results of a site inspection of a vapor related continuing obligation, typically a vapor mitigation system. 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. The closure letter may be found in the database, [BRRTS on the Web](#), by searching for the site using the BRRTS ID number, and then looking in the "Action" section, for code 56.

Activity (Site) Name: Krystal Kleeners

BRRTS No. 02-68-576741

Date of Inspection: \_\_\_\_\_


When submittal of this form is required, submit an electronic version or a scanned copy of this completed form to the [RR Submittal Portal](#).


**HOW TO USE THIS FORM**

The Activity (Site) Name, BRRTS No. and Date of Inspection entered below will auto-populate the table. Complete only the applicable rows/components. Check "Not Applicable" for components that do not apply. For example, if there is no sump sealed and vented as part of the system, check "Not Applicable" in the "NOTES" section for that component.

**Multiple components:** For systems with multiple components (e.g., two manometers or two fans), add an additional row for that component by clicking the "+" (plus) symbol at the end of the row. After a system component row is added, a "-" (minus) symbol is shown so the added row may be deleted.

**Photos:** Click on the placeholder photo shown in each row to replace it with your own site-specific photo. Site-specific photos are optional but strongly recommended. Enter specific details and observations within the "NOTES" section to assist the DNR in understanding status of the system components.

SYSTEM COMPONENT		WHAT DO I CHECK?	WHAT SHOULD I SEE?	DATE:
NAME	WHAT DOES IT DO?			WHAT TO FIX?
<b>Manometer or Differential Pressure Gauge</b>	Measures differential pressure between vacuum side of vent pipe and indoor space.  This measurement confirms there is a vacuum being pulled by the fan.	Liquid Level on Manometer or Gauge	Liquid level in manometer should be offset (not level with each other).	A change in liquid level indicates a change in the vacuum below foundation. This could be caused by failure of fan, blockage of vent pipe, change in water level below building, or other conditions.  Hire a professional to identify cause and repair if needed.
PHOTO		<b>NOTES:</b> (Record the reading on the gauge. Identify specific building and location description:) <input type="checkbox"/> Not Applicable		
				

SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p><b>Manometer or Differential Pressure Gauge</b></p>	<p>Measures differential pressure between vacuum side of vent pipe and indoor space.</p> <p>This measurement confirms there is a vacuum being pulled by the fan.</p>	<p>Liquid Level on Manometer or Gauge</p>	<p>Liquid level in manometer should be offset (not level with each other).</p>	<p>A change in liquid level indicates a change in the vacuum below foundation. This could be caused by failure of fan, blockage of vent pipe, change in water level below building, or other conditions.</p> <p>Hire a professional to identify cause and repair if needed.</p>
<p>PHOTO</p> 			<p><b>NOTES:</b> (Record the reading on the gauge. Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	

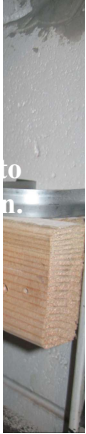
SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p style="text-align: center;"><b>Fan</b></p>	<p>Fan creates a vacuum and lowers pressure below foundation.</p> <p>The fan also removes soil gases from below foundation for discharge to atmosphere.</p>	<p>Fan Operation Fan Location  Motor Noise</p>	<p>Fan is on. Fan mounted outside &amp; secure. Fan motor is quiet (loud motor may indicate problem).</p>	<p>Replace the fan immediately once the fan stops running. Fans typically run for 10-20 years, but it may be less. Replacement fan to have similar specifications as original with respect to flow and vacuum. After a fan is replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.</p> <p><b>Original Fan Make and Model:</b></p>

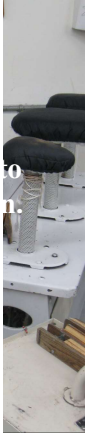
PHOTO



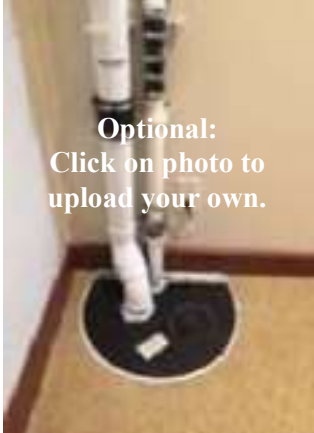
**NOTES:** (Identify specific building and location description:)


Not Applicable


SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p><b>Suction Drop Point w/ Vent Pipe</b></p>	<p><b>Suction Point</b> : Soil gases are collected in a void space below the foundation, and tight seal prevents soil gas from getting inside the home.  <b>Vent Pipe</b>: Pipe conveys the vacuum from the fan, and collects soil gases for discharge to the atmosphere.</p>	<p>Suction Point Seal  Vent Pipe Condition</p>	<p>Seal is air tight around pipe penetration.  Vent pipe is connected to fan, has not cracked.</p>	<p>Suction point seal or vent pipe may need to be sealed or replaced if cracks or leaks appear.  If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.</p>
<p>PHOTO</p> 			<p><b>NOTES:</b> (Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	


SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p><b>Suction Drop Point w/ Vent Pipe</b></p>	<p><b>Suction Point</b> : Soil gases are collected in a void space below the foundation, and tight seal prevents soil gas from getting inside the home.  <b>Vent Pipe</b>: Pipe conveys the vacuum from the fan, and collects soil gases for discharge to the atmosphere.</p>	<p>Suction Point Seal  Vent Pipe Condition</p>	<p>Seal is air tight around pipe penetration.  Vent pipe is connected to fan, has not cracked.</p>	<p>Suction point seal or vent pipe may need to be sealed or replaced if cracks or leaks appear.  If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.</p>
<p>PHOTO</p> 			<p><b>NOTES:</b> (Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	



SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p><b>Sealed Sump w/Vent Pipe</b></p>	<p><b>Sump Cover:</b> Soil gases are collected in sump and the cover prevents soil gas from getting inside home.</p> <p><b>Vent Pipe:</b> Pipe transports the soil gas from the sump for discharge to the atmosphere.</p>	<p>Suction Point Seal</p> <p>Vent Pipe Seal Condition</p>	<p>Seal is airtight to floor.</p> <p>Vent pipe is connected to the sump cover and is not cracked.</p>	<p>Sump cover or vent pipe may need to be sealed or replaced if cracks or leaks appear.</p> <p>If any piping or sealing of the system is altered or replaced, the system should be evaluated by a plumber or a mitigation professional to verify effectiveness, which includes pressure readings.</p>
<p>PHOTO</p>  <p>Optional: Click on photo to upload your own.</p>			<p><b>NOTES:</b> (Identify specific building and location description:)</p> <p><input checked="" type="checkbox"/> Not Applicable</p>	

SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p><b>Outdoor Vent Pipe</b></p>	<p>Pipe transports the soil gas from beneath the foundation for discharge to the atmosphere.</p>	<p>Vent Pipe Condition</p> <p>Vent Pipe Location</p>	<p>Vent pipe remains connected to fan.</p> <p>End of pipe free from obstructions.</p> <p>The exhaust is more than 15 feet from windows or air intakes.</p>	<p>Vent pipe may require replacement, or cleaning to remove ice or debris.</p> <p>If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.</p>
<p>PHOTO</p> <div data-bbox="344 472 428 906" style="text-align: center;">  </div>			<p><b>NOTES:</b> (Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	

SYSTEM COMPONENT		WHAT DO I CHECK?	WHAT SHOULD I SEE?	DATE:
NAME	WHAT DOES IT DO?			WHAT TO FIX?
<b>Foundation Floor</b>	Foundation is a barrier that minimizes soil gas entry into building, and helps fan to work efficiently.	Foundation Condition  Foundation Footprint	No penetrating cracks or holes in foundation.  Check if there have been alterations or additions to building or footprint.	Seal cracks or other penetrations as you would to prevent water from entering.  If building floor plan has changed, notify DNR and contact a mitigation professional to evaluate if modifications to the vapor mitigation system are necessary.
PHOTO			<b>NOTES:</b> (Identify specific building and location description:)	
 <p>Optional: Click on photo to upload your own.</p>			<input type="checkbox"/> Not Applicable	

SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
Sub Slab Vapor Port	This is a sample port to measure vacuum or take sample of soil gas if needed. It needs to remain sealed when not in use to prevent soil gas entry into the home.	Port Seal/Cap  Port Condition	If able to measure the vacuum with a micromanometer, the pressure differential should be at least 0.004 inches of H <sub>2</sub> O or at least one Pascal.  Port is sealed and capped when not in use.	Repair or replace the seal and cover as needed.  Permanently seal hole if sample port is ever removed.
PHOTO  <p>Optional: Click on photo to upload your own.</p>			<p><b>NOTES:</b> (If taken, record the pressure differential reading. Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	



October 6, 2021

Don Scherf  
Scherf Properties Trust II  
1700 Howlett Lane  
Waukesha, Wisconsin 53186

Subject: Remaining Actions Needed for Case Closure under Wis. Adm. Code chs. NR 700-754  
Krystal Kleeners, 145 E. Sunset Drive, Waukesha, WI  
BRRTS # 02-68-576741, FID # 268280430

Dear Don Scherf:

On August 28, 2021, the Department of Natural Resources (DNR) reviewed your request for closure of the case described above. The DNR reviews environmental remediation cases for compliance with applicable local, state and federal laws. The following actions are required prior to the DNR granting you case closure in compliance with Wis. Stat. ch. 292 and Wis. Adm. Code chs. NR 700-754. Upon completion of these actions, closure approval will be provided. Pursuant to Wis. Adm. Code § NR 726.09 (2) (g), you are required to provide this information to the DNR within 120 days of the date of this letter.

### **Remaining Actions Needed**

#### Monitoring Well or Remedial System Piping Filling and Sealing

The monitoring wells at the site must be properly filled and sealed in accordance with Wis. Adm. Code ch. NR 141. Documentation of filling and sealing for all wells and boreholes must be submitted to the DNR electronic submittal portal on DNR Form 3300-005. To download the form, go online at [dnr.wi.gov](http://dnr.wi.gov) and search “form 3300-005”.

#### Documentation

When the required actions are completed, submit the appropriate documentation within 120 days of the date of this letter, to verify completion. In separate emails, the DNR requested documentation revisions to the case closure submittal. After the closure packet documentation revisions and monitoring well forms have been received and reviewed for completeness, your closure request can be approved, and your case can be closed.

See *Guidance for Electronic Submittals for the Remediation and Redevelopment Program, RR- 690* for additional information. To view the document online, go to [dnr.wi.gov](http://dnr.wi.gov) and search “RR 690”.

### **Listing on Database**

This site will be listed on the DNR’s Bureau for Remediation and Redevelopment Tracking System on the Web (BOTW) and RR Sites Map, to provide public notice of remaining contamination and continuing obligations. The continuing obligations will be specified in the final case closure approval letter sent to you. Information that was submitted with your closure request application will be included on BOTW, located online at [dnr.wi.gov](http://dnr.wi.gov) and search “BOTW”.

## Conclusion

We appreciate your efforts to restore the environment at this site. This remedial action project is nearing completion. I look forward to working with you to complete all remaining actions that are necessary to achieve case closure.

If you have any questions regarding this letter, please contact the DNR Project Manager, Joseph Martinez, at 414-218-6042 or [joseph.martinez@wisconsin.gov](mailto:joseph.martinez@wisconsin.gov).

Sincerely,



Michele R. Norman  
Southeast Team Supervisor  
Remediation & Redevelopment Program

cc: Bob Cigale – Endpoint Solutions Corp.

**SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN**

**Notice:** Pursuant to ch. 292, Wis. Stats., and chs. NR 726 and 746, Wis. Adm. Code, this form is required to be completed for case closure requests. The closure of a case means that the Department of Natural Resources (DNR) has determined that no further response is required at that time based on the information that has been submitted to the DNR. All sections of this form must be completed unless otherwise directed by the Department. DNR will consider your request administratively complete when the form and all sections are completed, all attachments are included, and the applicable fees required under ch. NR 749, Wis. Adm. Code, are included, and sent to the proper destinations. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.). Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided.

Site Information			
BRRTS No.	VPLE No.		
02-68-576741			
Parcel ID No.			
1350124			
FID No.	WTM Coordinates		
268280430	X 664703	Y 281000	
BRRTS Activity (Site) Name	WTM Coordinates Represent:		
Krystal Kleeners	<input type="checkbox"/> Source Area <input checked="" type="checkbox"/> Parcel Center		
Site Address	City	State	ZIP Code
145 E. Sunset Drive	Waukesha	WI	53186
Acres Ready For Use	3.01		

Responsible Party (RP) Name			
Don Scherf			
Company Name			
Scherf Properties Trust II			
Mailing Address	City	State	ZIP Code
1700 Howlett Lane	Waukesha	WI	53186
Phone Number	Email		
(414) 550-2229	mdjscherf@msn.com		

Check here if the RP is the owner of the source property.

Environmental Consultant Name			
Robert A. Cigale			
Consulting Firm			
Endpoint Solutions Corp.			
Mailing Address	City	State	ZIP Code
6871 S. Lovers Lane	Franklin	WI	53132
Phone Number	Email		
(414) 427-1200	bob@endpointcorporation.com		

**Fees and Mailing of Closure Request**

1. **Send a copy of page one** of this form and the applicable ch. NR 749, Wis. Adm. Code, fee(s) to the DNR Regional EPA (Environmental Program Associate) at <http://dnr.wi.gov/topic/Brownfields/Contact.html#tabx3>. Check all fees that apply:

- \$1,050 Closure Fee
- \$350 Database Fee for Groundwater or Monitoring Wells (Not Abandoned)
- \$300 Database Fee for Soil
- Total Amount of Payment \$ \_\_\_\_\_
- Resubmittal, Fees Previously Paid

2. **Send one paper copy and one e-copy on compact disk of the entire closure package** to the Regional Project Manager assigned to your site. Submit as *unbound, separate documents* in the order and with the titles prescribed by this form. For electronic document submittal requirements, see <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>.

## Site Summary

*If any portion of the Site Summary Section is not relevant to the case closure request, you must fully explain the reasons why in the relevant section of the form. All information submitted shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected.*

### 1. General Site Information and Site History

- A. **Site Location:** Describe the physical location of the site, both generally and specific to its immediate surroundings.  
The subject property is located in Waukesha County, Wisconsin. The subject property consists of a single parcel (Tax Key #WAKC1350124) totaling 3.01 acres with an approximate 31,131 square foot multi-tenant retail center. The addresses associated with the subject property include 131 to 159 East Sunset Drive (odd numbers only) and 1420-1424 Big Bend Road. The subject property is located in a mixed commercial and residential area of Waukesha County. Dry cleaning operations were historically performed in the tenant space identified as 145 East Sunset Drive.
- B. **Prior and current site usage:** Specifically describe the current and historic occupancy and types of use.  
Historically, the 145 East Sunset Drive tenant space has been operated as a dry cleaning facility under the following company names: 1991-1996 - One Hour Martinizing; 2001 to 2006 - Martinizing One Hour Cleaners West; 2006 to 2010 - Carriage Cleaners; and, 2010 to 2018 - Krystal Kleeners.
- C. **Current zoning** (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).  
The subject property is located in a mixed commercial and residential area of Waukesha County. Commercial properties are located to the north and east while, residential neighborhoods are located to the south, southwest, northwest and northeast of the site.
- D. **Describe how and when site contamination was discovered.**  
In November 2015, Endpoint Solutions Corp. (Endpoint) conducted a Phase I Environmental Site Assessment (ESA) of the property located at 131 East Sunset Drive in the City of Waukesha, Waukesha County, Wisconsin (the Site). The results of the Phase I ESA indicated a dry cleaning operation (most recently Krystal Kleeners) has operated at the Site since the Site was developed in 1988 in the tenant space identified as 145 East Sunset Drive. Although the conditions observed at the dry cleaning operation did not indicate releases of dry cleaning chemicals to the environment were currently occurring, it was not possible to determine whether releases had historically occurred based solely on visual observations. As such, the historical presence of the dry cleaning operation at the Site was classified as a recognized environmental condition (REC) with the only way to confirm or deny the release of dry cleaning chemicals to the subsurface at the Site being through the collection and analysis of samples as part of a Phase II Environmental Assessment (EA).
- E. **Describe the type(s) and source(s) or suspected source(s) of contamination.**  
The results of the Phase II EA activities completed in December 2015, indicated the presence of low-concentrations of dry cleaning solvents (TCE and PCE) in the soil and groundwater near the south door of the 145 East Sunset Drive tenant space and significantly elevated concentrations of dry cleaning solvents in the sub-slab vapors beneath the 145 East Sunset Drive tenant space.
- F. **Other relevant site description information** (or enter Not Applicable).  
Based on a review of the USGS Muskego Wisconsin Quadrangle Topographic Map, the subject property is situated approximately 945 feet above mean sea level. The nearest surface water body is Pebble Creek located approximately 3,000 feet southeast of the subject property. Also, with the exception of Waukesha Municipal well #5, no public or private potable wells were determined to be within 1,200 feet of the Site. Municipal Well #5 is located on the southwest corner of East Sunset Drive and South East Street, approximately 900 feet west of the Site. The horizontal extent of the groundwater plume does not extend off Site to the west in the direction of Municipal Well #5. In addition, the groundwater sample collected from PZ-1 did not indicate downward migration of the contaminants.
- G. **List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.**  
OPEN ERP, 02-68-576741 / Krystal Kleeners.
- H. **List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.**  
CLOSED LUST (Completed Cleanup), 03-68-385743 / Penske Auto Center Waukesha, 120 E Sunset Drive, Site B. NO ACTION REQUIRED, 09-68-291771 / K-Mart Corp., 120 E Sunset Drive. CLOSED LUST, 03-68-385926 / KMart, 120 E Sunset Drive.

### 2. General Site Conditions

- A. **Soil/Geology**
- i. **Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.**  
In order to define the soil profile eight (8) soil borings were advanced. In general, the soil profile consists of silty clay and stone fill beneath the asphalt paved surface from (0-8 ft bgs) with natural soils consisting of fine to coarse sand from (8-12 ft bgs).
- ii. **Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.**  
A layer of fill was observed in the soil borings from below the asphalt paved surface to approximately 8.5 ft bgs, which consists of a silty clay and stone.



iii. Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation. Bedrock was not encountered during Endpoint's site investigation activities. According to the USGS, bedrock beneath the subject property consists of Paleozoic Silurian dolomite and is assumed to be 50 to 100 feet below ground surface (bgs).

iv. Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).

The subject property consists of a single parcel totaling 3.01 acres with an approximate 31,131 square foot multi-tenant retail center building on the site. The majority of the site is covered with either the retail center building or an asphalt surface interspersed with small landscape areas. A narrow grassy area with trees is present between the site parking lot and the two roadways - Sunset Drive to the north and Big Bend Road to the east. In addition, a line of cedar trees is also present along the southeastern property line.

**B. Groundwater**

i. Discuss depth to groundwater and piezometric elevations. Describe and explain depth variations, including high and low water table elevation and whether free product affects measurement of water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.

The shallow groundwater at the site was encountered between approximately four and one-half (4.5) and ten (10) ft bgs within either the silty clay and stone layer of fill or the native fine to coarse sand below.

ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.

The groundwater elevations collected in April 2021 indicate a west-southwesterly flow. The depth to groundwater in the six (6) water table monitoring wells ranged between 6.55 and 8.19 ft bgs during the April 2021 groundwater sampling event.

iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.

The horizontal gradient in April 2021 was determined to be approximately 0.014 ft/ft. A comparison of the groundwater elevations measured in monitoring MW-1 and piezometer PZ-1 during the April 2021 groundwater sampling event indicate an upward groundwater gradient. The groundwater elevation measured in monitoring MW-1 on April 7, 2021 was 883.37 ft (NAVD88), while the groundwater elevation measured in piezometer PZ-1 was 884.87 ft (NAVD88). PZ-1 was installed with a five-foot (5') section of screen located between 25 and 30 ft bgs. Based on these measurements, the vertical groundwater gradient was 0.038 ft/ft upward.

The depth to groundwater in the six (6) water table monitoring wells ranged between 6.55 and 8.19 ft bgs during the April 2021 groundwater sampling event.

iv. Identify and describe locations/distance of potable and/or municipal wells within 1200 feet of the site. Include general summary of well construction (geology, depth of casing, depth of screened or open interval).

With the exception of Waukesha Municipal Well #5, no public or private potable wells were determined to be within 1,200 feet of the Site. Municipal Well #5 is located on the southwest corner of East Sunset Drive and South East Street, approximately 900 feet west of the Site.

**3. Site Investigation Summary**

**A. General**

i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.

In November 2015, Endpoint Solutions Corp. (Endpoint) conducted a Phase I Environmental Site Assessment (ESA) of the property located at 131 East Sunset Drive in the City of Waukesha, Waukesha County, Wisconsin (the Site). The results of the Phase I ESA indicated a dry cleaning operation (most recently Krystal Kleeners) has operated at the Site at the tenant address of 145 East Sunset Drive since the Site was developed in 1988. Although the conditions observed at the dry cleaning operation did not indicate releases of dry cleaning chemicals to the environment were occurring, it was not possible to determine whether releases had historically occurred based solely on visual observations. As such, the historical presence of the dry cleaning operation at the Site was classified as a recognized environmental condition (REC). The only way to confirm or deny the release of dry cleaning chemicals to the subsurface at the Site was through the collection and analysis of samples.

Therefore, Endpoint performed Phase II Environmental Assessment activities (EA) to evaluate whether the REC identified during the Phase I ESA had caused environmental contamination at the Site. Two (2) soil borings (B-1 and B-2) were advanced for the collection of soil and groundwater samples for laboratory analysis and two (2) sample points were installed for the collection of sub-slab vapor samples from within the 145 East Sunset Drive tenant space for laboratory analysis. The results of the Phase II EA activities indicated the presence of low-concentrations of dry cleaning solvents in the soil and groundwater near the south door of the 145 East Sunset Drive tenant space and

significantly elevated concentrations of dry cleaning solvents in the sub-slab vapors beneath the 145 East Sunset Drive tenant space. The results of the Phase II ESA were reported to the WDNR in a Report of Investigation Results, dated December 15, 2015.

As such, a Site Investigation work plan was performed. In February 2016, three (3) soil borings were advanced to 12 feet below the ground surface (ft bgs) to the south of the 145 East Sunset Drive tenant space. The soil borings were identified as MW-1, MW-2 and MW-3. All three (3) of the soil borings were converted to permanent groundwater monitoring wells.

At the MW-1 soil boring location, an estimated concentration (0.162 milligrams per kilogram [mg/kg]) of tetrachloroethene (PCE) was detected in the six (6) to eight (8) ft bgs soil sample. The concentration was estimated because the result was above the limit of detection (LOD), but below the limit of quantitation (LOQ) of the laboratory instrument. The estimated concentration of PCE in this sample exceeds the soil-to-groundwater residual contaminant level (RCL) but is below the non-industrial direct contact RCL. Detectable concentrations of PCE, TCE and Toluene was observed in the groundwater in MW-1 and MW-3.

In May 2016, investigation activities included the installation of two (2) additional soil borings (B-4 and B-5), advanced to eight (8) ft bgs to the west of the B2/MW-1 location. Both of the soil borings were converted to permanent groundwater monitoring wells (MW-4 and MW-5). In addition, a piezometer (PZ-1) was installed adjacent to the MW-1 location. The piezometer was installed to a depth of 30 ft bgs with a five (5) foot section of screen set from 25 to 30 ft bgs.

No VOC constituents were detected in the any of the soil samples submitted from the MW-4 and MW-5 soil boring locations. PZ-1 was installed adjacent to the previously sampling B-2/MW-1 boring location. Therefore, no soil samples were submitted for analysis from PZ-1. The results of this phase of investigation were reported to the WDNR in a Summary Report of Site Investigation Activities dated May 26, 2016.

Two (2) shallow sub-slab soil samples were collected from each of the 141, 143 and 145 East Sunset Drive tenant spaces. Due to the presence of greater than 18 inches of clear stone base course beneath the slab in the southern portion of the 147 East Sunset Drive tenant space, only one (1) sub-slab soil sample was collected from the north end of the 147 East Sunset Drive tenant space. None of the samples contained detectable concentrations of any VOC constituents with the exception of the southern sample collected from the 145 East Sunset Drive tenant space. This sample contained an estimated concentration of tetrachloroethene (PCE) of 0.046 milligrams per kilogram (mg/kg). This result was reported as an estimate because the concentration was between the limit of detection (LOD) and the limit of quantitation (LOQ). Although the result was reported as an estimate, the estimated concentration exceeds the soil-to-groundwater residual contaminant level (RCL) established by the WDNR. However, the results of the sub-slab soil sampling indicate the horizontal extent of the CVOC contamination does not extend beyond the footprint of the 145 East Sunset Drive tenant space.

Groundwater samples collected from monitoring wells MW-1 and MW-4 contained concentrations of PCE which exceed its ES of 5 µg/L. The groundwater samples collected from monitoring wells MW-2, MW-3 and MW-5 contained PCE concentrations in excess of its PAL (0.5 µg/L), but less than its ES. The groundwater samples collected from monitoring wells MW-1 and MW-4 also contained concentrations of TCE which exceed its PAL (0.5 µg/L). No VOCs were detected which exceeded PALs in the groundwater sample collected from piezometer PZ-1.

In addition to the soil borings and monitoring wells implemented in the investigation, two (2) sub-slab vapor monitoring points were also installed; one (1) in the 147 East Sunset Drive tenant space to the east and one (1) in the 143 East Sunset Drive tenant space to the west of the 145 East Sunset Drive tenant space in February, 2016. Both sub-slab vapor monitoring points contained detections of VOC constituents. However, only the monitoring point in the Sunset Tan tenant space contained concentrations of PCE and TCE that exceeded sub-slab regional screening levels established by the USEPA.

An additional sub-slab vapor monitoring point was also installed in the 141 East Sunset Drive tenant space. The sub-slab sample collected contained detections of numerous VOC constituents; however, none of the detections approached sub-slab regional screening levels established by the USEPA.

Based on review of the 2016 Site Investigation Report, the WDNR requested four (4) quarters of groundwater monitoring and two (2) additional sub-slab vapor monitoring points be installed on the northern half of the 143 and 145 East Sunset Drive tenant units to better define sub-slab vapor conditions. No VOCs were detected in the sub-slab soil vapor sample points installed in the northern half of the 143 and 145 East Sunset Drive tenant spaces. The results of these sampling activities were reported to the WDNR in a Remedial Design and Installation Results report dated April 5, 2017.

Following the denial of a case closure request submitted in July 2019, the WDNR requested additional soil samples be collected from beneath the floor of the 145 tenant space with one (1) of the soil borings being converted to a small diameter monitoring well (MW-6), the installation of an additional sub-slab vapor monitoring point in the northern

portion of the 141 tenant space and the collection of indoor air samples from the 141, 143, 145 and 147 tenant spaces.

Minimal concentrations of contaminants were detected in the sub-slab soil samples collected from the 145 tenant space. The groundwater sample collected from the newly installed monitoring well MW-6 contained the highest concentration of PCE detected in the groundwater at the site to-date. Concentrations of VOCs in the sub-slab vapors were comparable to previous sample results and none of the indoor air samples contained concentrations of VOCs in excess of Indoor Air Vapor Action Levels based on a Small Commercial scenario. The results of this sampling event were reported to the WDNR in a Report of Additional Site Investigation Activities dated January 13, 2021.

Based on the results of the additional sampling reported in January 2021, the WDNR requested a second set of groundwater samples be collected from monitoring wells MW-1, MW-3, MW-4 and MW-6, collect a second set of indoor air samples from the 141, 143, 145 and 147 tenant spaces, collect sub-slab differential pressure measurements and evaluate the site for the potential for the presence of emerging contaminants. The results of this additional sampling indicated comparable VOC concentrations in the groundwater in April 2021 compared to the concentrations detected during the August 2020 sampling event. The groundwater gradient was determined to be to the west-southwest and the indoor air samples did not contain concentrations of VOCs in excess of Indoor Air Vapor Action Levels for the small commercial scenario. The results of these most recent investigation activities were reported to the WDNR in an Additional Site Investigation Report of Results dated May 17, 2021.

- ii. Identify whether contamination extends beyond the source property boundary, and if so describe the media affected (e.g., soil, groundwater, vapors and/or sediment, etc.), and the vertical and horizontal extent of impacts.

Based on the groundwater monitoring results from 2016 to 2021, it is our opinion that it is unlikely that onsite contamination extends beyond the property boundaries.

- iii. Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.

The adjacent multi-tenant commercial building on the subject property did not act as an impediment to investigation or remediation. Several sub-slab soil borings were advanced through the floor, one (1) monitoring well (MW-6) was installed within the footprint of the building and several sub-slab vapor monitoring points were installed in several of the tenant spaces.

#### B. Soil

- i. Describe degree and extent of soil contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways.

The extent of soil contamination was evaluated with six (6) soil borings to the south of the site building (B-2, MW-1, MW-2, MW-3, MW-4 and MW-5), one (1) soil boring to the north of the soil building (B-1), two (2) soil borings within the 145 tenant space (B-3 and MW-6) and six (6) shallow sub-slab samples collected from the 141, 143, 145 and 147 tenant spaces. With the exception of PCE concentrations detected in the soil samples collected from the five (5) to eight (8) ft bgs interval at the MW-1, B-1 and B-3 locations and the shallow sub-slab soil sample collected from the northern portion of the 145 tenant space, no other soil samples contained elevated concentrations of PCE. While each of the aforementioned PCE detections exceeded its soil-to-groundwater pathway residual contaminant level (RCL), none of the elevated concentrations exceeded its non-industrial direct contact RCL. As such, the extent of soils which exceed the soil-to-groundwater RCL for PCE appear to be located beneath the southern one-half (1/2) of the 145 tenant space and extend approximately 15 feet to the southwest of the 145 tenant space beneath the paved rear drive area of the site.

- ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column.  
The shallow sub-slab soil sample collected from the southern end of the 145 tenant space (145S) contained an estimated PCE concentration of 0.045 milligrams per kilogram (mg/kg). The estimated concentration of PCE at this location exceeds the soil-to-groundwater RCL, but is approximately three (3) orders of magnitude less than the non-industrial direct contact RCL of 33 mg/kg. Furthermore, the soils in the upper four (4) feet of the soil column containing the elevated concentration of PCE are located beneath the concrete floor slab of the 145 tenant space.
- iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site. This includes a soil performance standard established in accordance with s. NR 720.08, a Residual Contaminant Level (RCL) established in accordance with s. NR 720.10 that is protective of groundwater quality, or an RCL established in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/information in Attachment C.

RCLs included in the WDNR default spreadsheets using the USEPA Region 3 Screening Level calculated were utilized. No site-specific RCLs were developed.

#### C. Groundwater

- i. Describe degree and extent of groundwater contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or interception with building foundation drain systems.

The most recent sampling event which included all of the monitoring wells (MW-1 through MW-6) was performed in August 2020. PCE was not detected in the groundwater samples collected from monitoring wells MW-1, MW-2, MW-4 and MW-5, a preventive action limit (PAL) exceedance (1.97 micrograms per liter [µg/L]) was detected in the sample collected from monitoring well MW-3 located approximately 25 feet due south of the 145 tenant space and an enforcement standard (ES) exceedance (176 µg/L) was detected in monitoring well MW-6 located within the 145 tenant space.

A subsequent partial sampling round consisting of monitoring wells MW-1, MW-3, MW-4 and MW-6 was performed in April 2021. Again PCE was not detected in the samples collected from monitoring wells MW-1 and MW-4, an estimated PAL exceedance for PCE (1.08 µg/L "J") was detected in the sample collected from monitoring well MW-3 and an ES exceedance (152 µg/L) was detected in the sample collected from monitoring well MW-6. A trichloroethene (TCE) ES exceedance (11.1 µg/L) was also detected in the sample collected from monitoring well MW-6.

The highest concentration of PCE in the groundwater is present beneath the 145 tenant space. As the site building is slab-on-grade construction, there are no foundation drain systems which could be acting as preferential pathways for migration. While a municipal water supply well is located approximately 900 feet to the west of the site, and shallow groundwater on the site has been determined to be flowing to the west-southwest, downgradient monitoring wells MW-4 and MW-5 do not currently contain detectable concentrations of PCE. While the groundwater at the monitoring well MW-4 location contained PCE ES exceedances between May 2016 and September 2017, PCE concentrations in the groundwater at the monitoring well MW-4 location have been less than the PAL since December 2017, which somewhat coincides with the change-over at Krystal Kleeners from chlorinated-based solvents to aqueous-based solvents. Please note, Krystal Kleeners no longer operates a dry cleaning facility on the site and no dry cleaning equipment remains.

- ii. Describe the presence of free product at the site, including the thickness, depth, and locations. Identify the depth and location of the smear zone.

No NAPL has been measured at the site.

#### D. Vapor

- i. Describe how the vapor migration pathway was assessed, including locations where vapor, soil gas, or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.

Sub-slab vapor samples were collected from seven (7) locations within the 141, 143, 145 and 147 tenant spaces. Sub-slab vapor samples were collected during five (5) different events in the months of March, June, August, September and December. Prior to the installation of a sub-slab depressurization system (SSDS) in the 145 tenant space, concentrations of PCE and TCE exceeding their respective sub-slab regional screening level for the small commercial scenario were detected in the 143 and 145 tenant spaces. However, since the SSDS system became operational, concentrations of PCE and TCE in the sub-slab vapors have not exceeded sub-slab regional screening levels for the residential scenario.

In addition to the sub-slab vapor samples, indoor air samples were collected from the 141, 143, 145 and 147 tenant spaces in August 2020 and March 2021. An outdoor air sample was also collected during the March 2021 sampling event. None of the indoor air samples contained concentrations of PCE or TCE which exceeded their respective indoor air vapor level based on a small commercial scenario. The concentration of PCE in the indoor air sample collected from the 147 tenant space during the March 2021 sampling event was measured at 119 micrograms per cubic meter (µg/m<sup>3</sup>). 4. The 147 tenant space is occupied by a business identified as EmbroidMe. According to their website, besides embroidery services, they also perform onsite screen printing. The screen printing process includes the use of solvents and emulsions to create the screens and inks and solvents in the actual printing process. According to our technical consultant who performed the indoor air sampling, inks and solvents were observed inside the 147 tenant space related to the screen printing operation, and the indoor air contained an odor of inks and solvents. While anecdotal evidence was found listing the use of chlorinated solvents in the inks and solvents used in the screen printing process, research into commonly used materials did not identify chlorinated solvents as ingredients. However, many of the solvents, inks and emulsions used in the screen printing process were identified as containing proprietary ingredients which could contain small quantities of such. Furthermore, based on the concentrations of PCE detected in the indoor air in the 147 tenant space, it is our opinion the materials in question likely contain small quantities of chlorinated solvents below that requiring disclosure on the product labels or Safety Data Sheets (SDSs), but in sufficient quantities to cause elevated indoor air concentrations in an active screen printing facility.

The 147 tenant space is located immediately to the east of the former Krystal Cleaner tenant space at 145 East Sunset Drive. It should be noted the former Krystal Cleaners tenant space is currently vacant and has been vacant since the operator of Krystal Cleaners left over one (1) year ago. As such, the former Krystal Cleaners tenant space does not receive inputs of fresh air from the opening of doors to the space when compared to the occupied 147 tenant space. The concentration of PCE measured in the indoor air in the former Krystal Cleaners tenant space sampled at the same time was 16.2 µg/m<sup>3</sup>, compared to 119 µg/m<sup>3</sup> in the 147 tenant space. Therefore, it is our opinion the data does not support the theory that vapors in the indoor air in the 145 tenant space are migrating to the indoor air in the 147 tenant space. The sub-slab vapor samples collected in August 2020 from the 145 and 147 tenant spaces are of the same order of

magnitude (30.9 µg/m<sup>3</sup> in the 145 tenant space and 13 µg/m<sup>3</sup> in the 147 tenant space). Therefore, the data does not support the theory of vapor intrusion into the indoor air of the 147 tenant space from the sub-slab.

Finally, sub-slab vacuum measurements indicate the existing SSDS is creating negative pressure in the sub-slab space within the 141, 143, 145 and 147 tenant spaces.

- ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).

The sub-slab vapor and indoor air results have been compared to the generic Wisconsin sub-slab regional screening levels and indoor air vapor action levels based on a small commercial use scenario.

While exceedances of the Wisconsin generic sub-slab regional screening levels based on a small commercial use scenario were detected for TCE, PCE and naphthalene during the initial site investigation activities, once the SSDS was installed and commenced operation, no exceedances to Wisconsin generic sub-slab regional screening levels based on a small commercial use have been detected.

E. Surface Water and Sediment

- i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.

No surface water is present; and therefore, no impacts to the surface water and/or sediments is present on the site.

- ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.

Not applicable

**4. Remedial Actions Implemented and Residual Levels at Closure**

- A. General: Provide a brief summary of the remedial action history. List previous remedial action report submittals by name and date. Identify remedial actions undertaken since the last submittal for this project and provide the appropriate documentation in Attachment C.

A SSDS system was installed . The Remedial Design and Installation Results Report dated April 5, 2017, Endpoint Solutions, summarizes the results of the tasks taken to design and implement a SSDS at the site. In addition, Endpoint Solutions has also submitted the following reports/documents in reference to the remedial and monitoring activities taken to date, Status of Remediation, September 25, 2017, Status of Remediation - Supplemental Report and Closure Request dated June 27, 2018 attached in Attachment C).

- B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.

A sub-slab depressurization system consisting of a main and secondary suction points was installed within the 145 tenant space, connected to a single blower located on the south exterior wall of the 145 tenant space with the exhaust stack located above the roofline.

- C. Describe the *active* remedial actions taken at the source property, including: type of remedial system(s) used for each media affected; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.

On February 24 and 27, 2017, SWAT Environmental and Endpoint installed a SSDS in the 145 tenant space. Based on the results of the sub-slab communication test discussed above, it was determined that sufficient extraction could be achieved through the installation of a three-inch (3") main suction point within the boiler room of the 145 East Sunset Drive tenant space with a secondary three-inch (3") suction point along the west wall of the 145 East Sunset Drive tenant space. The 3" secondary line was manifolded to the 3" main line prior to exiting the south wall of the 145 East Sunset Drive tenant space. To complete the system design, a single high static pressure fan was installed on the exterior wall of the 145 East Sunset Drive tenant space with a 2" vent line extending three-feet (3 ft) above the roof line.

Vacuum readings collected from the main suction point and four (4) of the five (5) installed sub-slab vapor monitoring points following the installation of the SSDS indicated up to -0.21 inches of water vacuum in VP-1. The SSDS has operated continuously since it was installed in February 2017.

- D. Describe the alternatives considered during the Green and Sustainable Remediation evaluation in accordance with NR 722.09 and any practices implemented as a result of the evaluation.

None

- E. Describe the nature, degree and extent of residual contamination that will remain at the source property or on other affected properties after case closure.

Soil sampling at the site included samples from six (6) exterior locations south of the site building, one (1) exterior location north of the site building, seven (7) shallow sub-slab samples from the 141, 143, 145 and 147 tenant spaces and shallow (2 - 4 ft bgs) and deeper (5 - 8 ft bgs) intervals from two (2) locations internal to the 145 tenant space. No direct contact exceedances were noted in any of the soil samples. Estimated concentrations of PCE which exceeded the soil-to-groundwater RCL were detected in the 0.5 - 1 ft bgs interval at the 145S sub-slab sample location, in the 6 - 7 ft bgs interval at the B-2 location and in the 6 to 8 ft bgs interval at the MW-1 location. Samples collected from the B-3 location contained soil-to-groundwater RCL exceedances for cis-1,2-dichloroethene, trans-1,2-dichloroethene and TCE in the 2 - 4 ft bgs interval and cis-1,2-dichloroethene and PCE in the 5 - 6 ft bgs interval. The sample collected from the 2 - 4 ft bgs interval at the MW-6 location contained a soil-to-groundwater RCL exceedance for cis-1,2-dichloroethene. Based on these findings, residual contamination in the soil which exceeds soil-to-groundwater RCLs will remain beneath the southern one-half (1/2) of the 145 tenant space and extends less than 15 feet to the southwest of the 145 tenant space.

Groundwater conditions at the site were evaluated five (5) monitoring wells (MW-1 through MW-5) installed to the south of the site building, one (1) piezometer (PZ-1) installed to the south of the site building and one (1) small diameter monitoring well (MW-6) installed within the 145 tenant space. With the exception of PZ-1, elevated concentrations of PCE and/or TCE were detected in all of the monitoring wells. However, since August 2017, when Krystal Cleaners vacated the 145 tenant space, groundwater samples collected from monitoring wells MW-1, MW-2, MW-4 and MW-5 have not contained detectable concentrations of PCE and/or TCE. During the most recent groundwater sampling event performed in April 2021, MW-3 and MW-6 were the only monitoring wells which contained elevated concentrations of PCE and/or TCE. The groundwater sample collected from monitoring well MW-3 in April 2021 contained an estimated concentration of PCE (1.08 µg/L) which exceeds its preventive action limit (PAL), and the groundwater sample collected from monitoring well MW-6 contained concentrations of cis-1,2-dichloroethene (4.2 µg/L) which was below its PAL and TCE (11.1 µg/L) and PCE (152 µg/L), which all both their respective enforcement standards (ESs). Based on this, contaminated groundwater has not been shown to have migrated off of the Krystal Kleeners site.

- F. Describe the residual soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds RCLs established under s. NR 720.12, Wis. Adm. Code, for protection of human health from direct contact.

There were no soil samples containing concentrations of any VOC constituent which exceeded its non-industrial direct contact RCL at the site whether within or below four (4) feet of the ground surface (direct contact zone).

- G. Describe the residual soil contamination that is above the observed low water table that attains or exceeds the soil standard(s) for the groundwater pathway.

Soils containing concentrations of contaminants above soil-to-groundwater RCLs were detected at four (4) locations: MW-1/B-2 to the south of the 145 tenant space and the B-3, 145S and MW-6 locations within the 145 tenant space. The MW-1/B-2 location is located beneath the asphalt-paved rear drive on the property while the remainder of the locations are located beneath the concrete floor slab of the site building.

- H. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.

Soils containing RCL exceedances were detected to the south of the existing site building as well as below the 145 tenant space. Exceedances outside of the building were limited to estimated concentrations which exceeded soil-to-groundwater RCLs beneath the asphalt-paved drive. Soil-to-groundwater RCL exceedances were also detected in soils present beneath the concrete floor slab of the 145 tenant space. As none of the soil samples contained significant concentrations of contaminants that would be considered source materials, it is our opinion active remediation of the soil contamination present beneath the existing building is not economically viable, nor will active remediation result in a significant reduction in the concentrations detected in the groundwater and sub-slab vapors. Therefore, we recommend the soils be left in place, allowing the low-level contamination to degrade over time.

Groundwater contamination is predominantly located beneath the 145 tenant space as evidenced by the most recent sample collected from monitoring well MW-6. With the exception of an estimated concentration of PCE which exceeded its PAL, none of the other monitoring wells continued to contain elevated concentrations of PCE and/or TCE. It should be noted, historically, samples collected from the MW-1, MW-2, MW-4 and MW-5 locations contained elevated concentrations of PCE and/or TCE. However, since August 2017 when the Krystal Kleeners tenant space was vacated, concentrations of PCE and/or TCE at these locations have decreased to non-detectable. Furthermore, the concentration of PCE detected in the groundwater at the MW-3 location has decreased from a maximum of 6.2 µg/L in September 2016 to an estimated concentration of 1.08 µg/L in April 2021. It is our opinion the barrier provided by the existing building's roof and slab-on-grade will continue to prevent the migration of contaminants from the area beneath the building in a downgradient direction to the west-southwest. Additionally, based on the decrease in the concentration of PCE in the groundwater at the MW-3 location, especially since August 2017 when the Krystal Kleeners tenant space was vacated, the concentration of PCE at the MW-3 location will be below the PAL in near future without any active remedial methods.

Initially, significant concentrations of PCE and/or TCE were detected in the sub-slab vapors within the 143 and 145 tenant spaces. However, since a SSDS was installed and made operational in February 2017, the concentrations detected in the

sub-slab vapors have decreased to less than sub-slab regional screening levels based on the small commercial scenario. As active remediation of the soils and groundwater beneath the existing building would it be economically feasible. Therefore, continued operation of the SSDS should be expected for the long-term.

- I. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration (e.g., stable or receding groundwater plume). Because chlorinated solvents such as PCE and TCE degrade reductively, typical non-parametric statistical analyses (Mann-Whitney) cannot be relied on alone to determine whether natural attenuation is effective. However, with the exception of the MW-6 location, daughter products, such as cis- and trans-1,2-dichloroethene have not been detected in the samples collected. Based on the most recent groundwater sampling event, detectable concentrations of CVOCs were only detected in samples collected from monitoring wells MW-3 and MW-6. At the MW-6 location, PCE was the only constituent detected at an estimated concentration of 1.08 µg/L. As no daughter products were detected at the MW-3 location, the concentrations of PCE detected between September 29, 2016 and April 7, 2021 were input into the Mann-Whitney U Statistical Test (Form 4400-216). The results of the statistical analysis of the PCE concentrations in monitoring well MW-3 resulted in a U Statistic of 2.0 which indicates a decreasing trend.

In the case of monitoring wells MW-6, PCE, TCE and cis- and trans-dichloroethene have been detected. As such, the use of Mann-Whitney is not the most valid method to determine whether natural degradation was occurring. Additionally, only two (2) consecutive groundwater monitoring events have been completed at the MW-6 location; therefore, the population of data is insufficient for a statistical evaluation. However, by comparing the total CVOC concentration in the samples collected from monitoring well MW-6, a 14.8% reduction in total CVOC concentration was observed between August 2020 and April 2021. As drycleaning operations are no longer performed in the 145 tenant space, it is our opinion the total CVOC concentration at the MW-6 will continue to decrease, or become stable over time. However, without the addition of new source material, it is unlikely the total CVOC concentrations at the MW-6 location would increase.

Furthermore, although the apparent release to the environment occurred several years ago, the overall concentrations detected in the samples historically collected from the monitoring wells are relatively low (with the exception of MW-6 were generally less than 25 µg/L). In addition, over the period the monitoring wells were sampled (2016 to 2021), dry-cleaning operations ceased at the Site, and the concentrations of contaminants in the majority of the monitoring wells decreased to nearly zero, indicating the plume of contaminants did not, and will not, migrate off the Site.

- J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s). There were no direct contact RCL exceedances detected in any of the soil samples collected and analyzed. Therefore, there is no known risk of direct contact exposures to soils at the site. Furthermore, the entire area of soil contamination is covered by asphalt paving to the south of the site building and concrete slab-on-grade within the building.

The extent of groundwater contamination has been determined to be limited to the area beneath the 145 tenant space. Analytical results from samples collected from piezometer PZ-1 indicate the plume of contamination is not migrating vertically to a deeper aquifer. As the site is provided with municipal water which is currently obtained from municipal wells, there is no risk associated with the shallow plume of contamination impacting a private well. Furthermore, the municipal wells are cased to several hundred feet to prevent surficial contamination from impacting the City water supply. Finally, the City of Waukesha is in the process of acquiring potable water from the City of Milwaukee to replace the groundwater obtained from the City wells due to elevated concentrations of radium.

Sub-slab vapors in excess of sub-slab regional screening levels based on a small commercial scenario were detected beneath the 143 and 145 tenant spaces at the beginning of the investigation process. Since a SSDS was installed within the 145 tenant space in February 2017, the sub-slab concentrations have consistently been below the sub-slab regional screening levels based on a small commercial scenario. Indoor air sampling performed following initiation of the SSDS did not detect the presence of CVOCs in the indoor air above Indoor Air Vapor Action Levels based on a small commercial scenario.

- K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain. The SSDS will remain operational for an indefinite amount of time or until it is deemed to be no longer necessary. An operation, maintenance and monitoring plan for the final system is included with this document and may be found in Attachment D.
- L. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances. PAL exemption for PCE at MW-3, and ES exemptions for PCE and TCE at MW-6.
- M. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.

Sub-slab soil vapors which exceed regional screening levels are limited to the 143 and 145 tenant spaces.

A SSDS remains operational at the site and has worked very well to remove and reduce the residual CVOCs in the sub-

surface soils as monitored across seven (7) vapor extraction points. Further, the source of contamination has been removed as Krystal Kleeners at the 145 East Sunset Drive tenant space, is no longer in operation since August 2017.

N. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.

Not applicable.

**5. Continuing Obligations: Includes all affected properties and rights-of-way (ROWs). In certain situations, maintenance plans are also required, and must be included in Attachment D.**

Directions: For each of the 3 property types below, check all situations that apply to this closure request.

(NOTE: Monitoring wells to be transferred to another site are addressed in Attachment E.)

This situation applies to the following property or Right of Way (ROW):			Case Closure Situation - Continuing Obligation (database fees will apply, ii. - xiv.)	Maintenance Plan Required	
Property Type:					
Source Property	Affected Property (Off-Source)	ROW			
i.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	None of the following situations apply to this case closure request.	NA
ii.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual groundwater contamination exceeds ch. NR 140 ESs.	NA
iii.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination exceeds ch. NR 720 RCLs.	NA
iv.				Monitoring Wells Remain:	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	• Not Abandoned (filled and sealed)	NA
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	• Continued Monitoring (requested or required)	Yes
v.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cover/Barrier/Engineered Cover or Control for (soil) direct contact pathways (includes vapor barriers)	Yes
vi.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Cover/Barrier/Engineered Cover or Control for (soil) groundwater infiltration pathway	Yes
vii.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Structural Impediment: impedes completion of investigation or remedial action (not as a performance standard cover)	NA
viii.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination meets NR 720 industrial soil RCLs, land use is classified as industrial	NA
ix.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	Vapor Mitigation System (VMS) required due to exceedances of vapor risk screening levels or other health based concern	Yes
x.	<input type="checkbox"/>	<input type="checkbox"/>	NA	Vapor: Dewatering System needed for VMS to work effectively	Yes
xi.	<input type="checkbox"/>	<input type="checkbox"/>	NA	Vapor: Compounds of Concern in use: full vapor assessment could not be completed	NA
xii.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	Vapor: Commercial/industrial exposure assumptions used.	NA
xiii.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vapor: Residual volatile contamination poses future risk of vapor intrusion	NA
xiv.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Site-specific situation: (e. g., fencing, methane monitoring, other) ( <i>discuss with project manager before submitting the closure request</i> )	Site specific

**6. Underground Storage Tanks**

A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action?  Yes  No

B. Do any upgraded tanks meeting the requirements of ch. ATCP 93, Wis. Adm. Code, exist on the property?  Yes  No

C. If the answer to question 6.B. is yes, is the leak detection system currently being monitored?  Yes  No



## General Instructions

All information shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected. For each attachment (A-G), provide a Table of Contents page, listing all 'applicable' and 'not applicable' items by Closure Form titles (e.g., A.1. Groundwater Analytical Table, A.2. Soil Analytical Results Table, etc.). If any item is 'not applicable' to the case closure request, you must fully explain the reasons why.

## Data Tables (Attachment A)

### Directions for Data Tables:

- Use **bold** and italics font for information of importance on tables and figures. Use **bold** font for ch. NR 140, Wis. Adm. Code ES attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, PAL attainments or exceedances.
- Use **bold** font to identify individual ch. NR 720 Wis. Adm. Code RCL exceedances. Tables should also include the corresponding groundwater pathway and direct contact pathway RCLs for comparison purposes. Cumulative hazard index and cumulative cancer risk exceedances should also be tabulated and identified on Tables A.2 and A.3.
- Do not use shading or highlighting on the analytical tables.
- Include on Data Tables the level of detection for results which are below the detection level (i.e., do not just list as no detect (ND)).
- Include the units on data tables.
- Summaries of all data must include information collected by previous consultants.
- Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15 (3)(c), Wis. Adm. Code, in the format required in s. NR 716.15(4)(e), Wis. Adm. Code.
- Include in Attachment A all of the following tables, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: A.1. Groundwater Analytical Table; A.2. Soil Analytical Results Table, etc.).
- For required documents, each table (e.g., A.1., A.2., etc.) should be a separate Portable Document Format (PDF).

### A. Data Tables

- A.1. **Groundwater Analytical Table(s):** Table(s) showing the analytical results and collection dates for all groundwater sampling points (e.g., monitoring wells, temporary wells, sumps, extraction wells, potable wells) for which samples have been collected.
- A.2. **Soil Analytical Results Table(s):** Table(s) showing **all** soil analytical results and collection dates. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated).
- A.3. **Residual Soil Contamination Table(s):** Table(s) showing the analytical results of only the residual soil contamination at the time of closure. This table shall be a subset of table A.2 and should include only the soil sample locations that exceed an RCL. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated). Table A.3 is optional only if a total of fewer than 15 soil samples have been collected at the site.
- A.4. **Vapor Analytical Table(s):** Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.
- A.5. **Other Media of Concern (e.g., sediment or surface water):** Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, and time period for sample collection.
- A.6. **Water Level Elevations:** Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.
- A.7. **Other:** This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

## Maps, Figures and Photos (Attachment B)

### Directions for Maps, Figures and Photos:

- Provide on paper no larger than 11 x 17 inches, unless otherwise directed by the Department. Maps and figures may be submitted in a larger electronic size than 11 x 17 inches, in a PDF readable by the Adobe Acrobat Reader. However, those larger-size documents must be legible when printed.
- Prepare visual aids, including maps, plans, drawings, fence diagrams, tables and photographs according to the applicable portions of ss. NR 716.15(4), 726.09(2) and 726.11(3), (5) and (6), Wis. Adm. Code.
- Include all sample locations.
- Contour lines should be clearly labeled and defined.
- Include in Attachment B all of the following maps and figures, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: B.1. Location Map; B.2. Detailed Site Map, etc.).
- For the electronic copies that are required, each map (e.g., B.1.a., B.2.a, etc.,) should be a separate PDF.
- Maps, figures and photos should be dated to reflect the most recent revision.

### B.1. Location Maps

- B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a United States Geological Survey (U.S.G.S.) topographic map or plat map in sufficient detail to permit easy location of all affected and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.
- B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for all affected properties, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination attaining or exceeding a ch. NR 140 ES, and/or in relation to the boundaries of soil contamination attaining or exceeding a RCL. Provide parcel identification numbers for all affected properties.
- B.1.c. **RR Sites Map:** From RR Sites Map ([http://dnrmaps.wi.gov/sl/?Viewer=RR\\_Sites](http://dnrmaps.wi.gov/sl/?Viewer=RR_Sites)) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

## B.2. Soil Figures

- B.2.a. **Soil Contamination:** Figure(s) showing the location of **all** identified unsaturated soil contamination. Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720.Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedances (0-4 foot depth).
- B.2.b. **Residual Soil Contamination:** Figure(s) showing only the locations of soil samples where unsaturated soil contamination remains at the time of closure (locations represented in Table A.3). Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720 Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedance (0-4 foot depth).

## B.3. Groundwater Figures

- B.3.a. **Geologic Cross-Section Figure(s):** One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:
- Source location(s) and vertical extent of residual soil contamination exceeding an RCL. Distinguish between direct contact and the groundwater pathway RCLs.
  - Source location(s) and lateral and vertical extent if groundwater contamination exceeds ch. NR 140 ES.
  - Surface features, including buildings and basements, and show surface elevation changes.
  - Any areas of active remediation within the cross section path, such as excavations or treatment zones.
  - Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1.b.)
- B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, PAL and/or an ES. Indicate the date and direction of groundwater flow based on the most recent sampling data.
- B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two groundwater flow maps showing the maximum variation in flow direction.
- B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been abandoned.

## B.4. Vapor Maps and Other Media

- B.4.a. **Vapor Intrusion Map:** Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway in relation to residual soil and groundwater contamination, including sub-slab, indoor air, soil vapor, soil gas, ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.
- B.4.b. **Other media of concern (e.g., sediment or surface water):** Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.
- B.4.c. **Other:** Include any other relevant maps and figures not otherwise noted above. (This section may remain blank).

- B.5. **Structural Impediment Photos:** One or more photographs documenting the structural impediment feature(s) which precluded a complete site investigation or remediation at the time of the closure request. The photographs should document the area that could not be investigated or remediated due to a structural impediment. The structural impediment should be indicated on Figures B.2.a and B.2.b.

## Documentation of Remedial Action (Attachment C)

### Directions for Documentation of Remedial Action:

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc.).
- If the documentation requested below has already been submitted to the DNR, please note the title and date of the report for that particular document requested.
  - C.1. **Site investigation documentation**, that has not otherwise been submitted with the Site Investigation Report.
  - C.2. **Investigative waste** disposal documentation.
  - C.3. Provide a **description of the methodology** used along with all supporting documentation if the RCLs are different than those contained in the Department's RCL Spreadsheet available at: <http://dnr.wi.gov/topic/Brownfields/Professionals.html>.
  - C.4. **Construction documentation** or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.
  - C.5. **Decommissioning of Remedial Systems.** Include plans to properly abandon any systems or equipment.
  - C.6. **Other.** Include any other relevant documentation not otherwise noted above (This section may remain blank).

## Maintenance Plan(s) and Photographs (Attachment D)

### Directions for Maintenance Plans and Photographs:

Attach a maintenance plan for each affected property (source property, each off-source affected property) with continuing obligations requiring future maintenance (e.g., direct contact, groundwater protection, vapor intrusion). See Site Summary section 5 for all affected property(s) requiring a maintenance plan. Maintenance plan guidance and/or templates for: 1) Cover/barrier systems; 2) Vapor intrusion; and 3) Monitoring wells, can be found at: <http://dnr.wi.gov/topic/Brownfields/Professionals.html#tabx3>

- D.1. **Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required:**
- Provide brief descriptions of the type, depth and location of residual contamination.

- Provide a description of the system/cover/barrier/monitoring well(s) to be maintained.
  - Provide a description of the maintenance actions required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
  - Provide contact information, including the name, address and phone number of the individual or facility who will be conducting the maintenance.
- D.2. **Location map(s) which show(s):** (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) all property boundaries.
- D.3. **Photographs** for site or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system, include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features shall be visible and discernible. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.
- D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter. The inspection and maintenance log is found at: <http://dnr.wi.gov/files/PDF/forms/4400/4400-305.pdf>.

**Monitoring Well Information (Attachment E)**

**Directions for Monitoring Well Information:**

For all wells that will remain in use, be transferred to another party, or that could not be located; attach monitoring well construction and development forms (DNR Form 4400-113 A and B: [http://dnr.wi.gov/topic/groundwater/documents/forms/4400\\_113\\_1\\_2.pdf](http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf))

**Select One:**

- No monitoring wells were installed as part of this response action.
- All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site
- Select One or More:**
  - Not all monitoring wells can be located, despite good faith efforts. Attachment E must include a description of efforts made to locate the wells.
  - One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason (s) the well(s) will remain in use. When one or more monitoring wells will remain in use this is considered a continuing obligation and a maintenance plan will be required and must be included in Attachment D.
  - One or more monitoring wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s). Provide documentation from the party accepting future responsibility for monitoring well(s).

**Source Legal Documents (Attachment F)**

**Directions for Source Legal Documents:**

Label documents with the specific closure form titles (e.g., F.1. Deed, F.2. Certified Survey Map, etc.). Include all of the following documents, in the order listed:

- F.1. **Deed:** The most recent deed with legal description clearly listed.  
*Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- F.2. **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- F.3. **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- F.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties. This section applies to the source property only. Signed statements for Other Affected Properties should be included in Attachment G.

**Notifications to Owners of Affected Properties (Attachment G)**

**Directions for Notifications to Owners of Affected Properties:**

Complete the table on the following page for sites which require notification to owners of affected properties pursuant to ch. 292, Wis. Stats. and ch. NR 725 and 726, Wis. Adm. Code. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31- 19.39, Wis. Stats.]. The DNR's "Guidance on Case Closure and the Requirements for Managing Continuing Obligations" (PUB-RR-606) lists specific notification requirements <http://dnr.wi.gov/files/PDF/pubs/rr/RR606.pdf>.

State law requires that the responsible party provide a 30-day, written advance notification to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned. Use form 4400-286, Notification of Continuing Obligations and Residual Contamination, at <http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf>

Include a copy of each notification sent and accompanying proof of delivery, i.e., return receipt or signature confirmation.

Include the following documents for each property, keeping each property's documents grouped together and labeled with the letter G and the corresponding ID number from the table on the following page. (Source Property documents should only be included in Attachment F):

- **Deed:** The most recent deed with legal descriptions clearly listed for all affected properties.  
*Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes the attached legal description(s) accurately describe(s) the correct contaminated property or properties.



**Signatures and Findings for Closure Determination**

*This page has been updated as of February 2019 to comply with the requirements of Wis. Admin. Code ch. NR 712.*

Check the correct box for this case closure request and complete the corresponding certification statement(s) listed below to demonstrate that the requirements of Wis. Admin. Code ch. NR 712 have been met. The responsibility for signing the certification may not be delegated per Wis. Admin. Code § NR 712.09 (1). Per Wis. Admin. Code § 712.05 (1), the work must be conducted or supervised by the person certifying.

- The investigation and/or response action(s) for this site evaluated and/or addressed groundwater (including natural attenuation remedies). Both a professional engineer and a hydrogeologist must sign this document per Wis. Admin. Code ch. NR 712.
- The investigation and the response action(s) for this site did not evaluate or address groundwater. A professional engineer must sign this document per Wis. Admin. Code ch. NR 712.

**Engineering Certification**

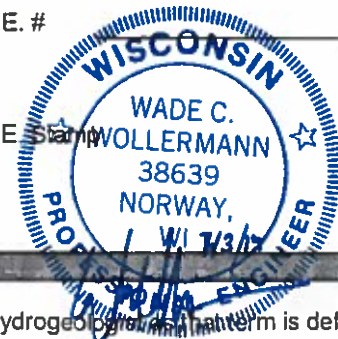
I, Wade C. Wollermann, hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this document has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Signature 

P. E. # \_\_\_\_\_

Title Principal Consultant

P.E. Stamp



**Hydrogeologist Certification**

I, Robert A. Cigale, hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, am registered in accordance with the requirements of ch. GHSS 2, Wis. Adm. Code, or licensed in accordance with the requirements of ch. GHSS 3, Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Signature 

Title Principal Consultant

Date July 20, 2021



## **ATTACHMENT A**

- A.1 Groundwater Analytical Results
- A.2 Soil Analytical Results
- A.3 Residual Soil Contamination
- A.4.a Sub-Slab Vapor Analytical Results
- A.4.b Indoor Air Vapor Analytical Results - 092221
- A.4.c Differential Pressure Measurements
- A.5 Other Media of Concern
- A.6 Water Level Measurements
- A.7 Other

**TABLE A.1  
Groundwater Analytical Results**

145 East Sunset Drive  
Waukesha, Wisconsin  
02-68-576741 / 268280430

PARAMETER	NR 140 Table 1		Sample ID / Collection Date																							
	ES	PAL	B-1	B-2	MW-1								MW-2													
			12/4/2015	12/4/2015	2/16/2016	5/5/2016	9/29/2016	12/12/2016	3/22/2017	DUP 3/17	6/8/2017	9/11/2017	12/12/2017	8/26/2020	4/7/2021	2/16/2016	5/5/2016	9/29/2016	12/12/2016	DUP 12/16	3/22/2017	6/8/2017	9/11/2017	12/12/2017	8/26/2020	
VOC (µg/L)																										
Benzene	5	<u>0.5</u>	<2.2	<0.44	<0.454	<0.44	<0.44	<0.44	<0.17	<0.17	<0.17	<0.17	<0.33	<0.38	<0.454	<0.44	<0.44	<0.44	<0.44	<0.44	<0.17	<0.17	<0.17	<0.17	<0.33	
Bromobenzene	-----	-----	<2.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.43	<0.43	<0.43	<0.43	<0.26	<0.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.43	<0.43	<0.43	<0.43	<0.26	
Bromodichloromethane	0.6	<u>0.06</u>	<2.3	<0.46	<0.46	<0.46	<0.46	<0.46	<0.31	<0.31	<0.31	<0.31	<0.33	<0.47	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.31	<0.31	<0.31	<0.31	<0.33	
Bromoform	4.4	<u>0.44</u>	<2.3	<0.46	<0.46	<0.46	<0.46	<0.46	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.49	<0.49	<0.49	<0.49	<0.65	
tert-Butylbenzene	-----	-----	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<0.39	<0.39	<0.39	<0.39	<0.39	<0.61	<0.45	<1.1	<1.1	<1.1	<1.1	<1.1	<0.39	<0.39	<0.39	<0.39	<0.61	
sec-Butylbenzene	-----	-----	<6	<1.2	<1.2	<1.2	<1.2	<1.2	<0.24	<0.24	<0.24	<0.24	<0.24	<0.32	<0.31	<1.2	<1.2	<1.2	<1.2	<1.2	<0.24	<0.24	<0.24	<0.24	<0.32	
n-Butylbenzene	-----	-----	<5	<1	<1	<1	<1	<1	<0.34	<0.34	<0.34	<0.34	<0.34	<0.28	<0.46	<1	<1	<1	<1	<1	<0.34	<0.34	<0.34	<0.34	<0.28	
Carbon Tetrachloride	5	<u>0.5</u>	<2.55	<0.51	<0.51	<0.51	<0.51	<0.51	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.51	<0.51	<0.51	<0.51	<0.51	<0.51	<0.21	<0.21	<0.21	<0.21	<0.31	
Chlorobenzene	100	<u>20</u>	<2.3	<0.46	<0.46	<0.46	<0.46	<0.46	<0.27	<0.27	<0.27	<0.27	<0.27	<0.39	<0.38	<0.46	<0.46	<0.46	<0.46	<0.46	<0.27	<0.27	<0.27	<0.27	<0.39	
Chloroethane	400	<u>80</u>	<3.25	<0.65	<0.65	<0.65	<0.65	<0.65	<0.5	<0.5	<0.5	<0.5	<0.5	<1.1	<0.78	<0.65	<0.65	<0.65	<0.65	<0.65	<0.5	<0.5	<0.5	<0.5	<1.1	
Chloroform	6	<u>0.6</u>	<2.15	<0.43	<0.43	<0.43	<0.43	<0.43	<0.96	<0.96	<0.96	<0.96	<0.96	<0.44	<0.4	<0.43	<0.43	<0.43	<0.43	<0.43	<0.96	<0.96	<0.96	<0.96	<0.44	
Chloromethane	30	<u>3</u>	<9.5	<1.9	<1.9	<1.9	<1.9	<1.9	<1.3	<1.3	<1.3	<1.3	<1.3	<0.8	<0.84	<1.9	<1.9	<1.9	<1.9	<1.9	<1.3	<1.3	<1.3	<1.3	<0.8	
2-Chlorotoluene	-----	-----	<2	<0.4	<0.4	<0.4	<0.4	<0.4	<0.36	<0.36	<0.36	<0.36	<0.36	<0.32	<0.36	<0.4	<0.4	<0.4	<0.4	<0.4	<0.36	<0.36	<0.36	<0.36	<0.32	
4-Chlorotoluene	-----	-----	<3.15	<0.63	<0.63	<0.63	<0.63	<0.63	<0.35	<0.35	<0.35	<0.35	<0.35	<0.3	<0.4	<0.63	<0.63	<0.63	<0.63	<0.63	<0.35	<0.35	<0.35	<0.35	<0.3	
1,2-Dibromo-3-chloropropane	0.2	<u>0.02</u>	<7	<1.4	<1.4	<1.4	<1.4	<1.4	<1.88	<1.88	<1.88	<1.88	<1.88	<0.82	<0.54	<1.4	<1.4	<1.4	<1.4	<1.4	<1.88	<1.88	<1.88	<1.88	<0.82	
Dibromodichloromethane	-----	-----	<2.25	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.23	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.23	
1,4-Dichlorobenzene	75	<u>15</u>	<2.45	<0.49	<0.49	<0.49	<0.49	<0.49	<0.42	<0.42	<0.42	<0.42	<0.42	<0.36	<0.48	<0.49	<0.49	<0.49	<0.49	<0.49	<0.42	<0.42	<0.42	<0.42	<0.36	
1,3-Dichlorobenzene	600	<u>120</u>	<2.6	<0.52	<0.52	<0.52	<0.52	<0.52	<0.45	<0.45	<0.45	<0.45	<0.45	<0.31	<0.38	<0.52	<0.52	<0.52	<0.52	<0.52	<0.45	<0.45	<0.45	<0.45	<0.31	
1,2-Dichlorobenzene	600	<u>60</u>	<2.3	<0.46	<0.46	<0.46	<0.46	<0.46	<0.34	<0.34	<0.34	<0.34	<0.34	<0.32	<0.44	<0.46	<0.46	<0.46	<0.46	<0.46	<0.34	<0.34	<0.34	<0.34	<0.32	
Dichlorodifluoromethane	1000	<u>200</u>	<4.35	<0.87	<0.87	<0.87	<0.87	<0.87	<0.38	<0.38	<0.38	<0.38	<0.38	<0.45	<0.55	<0.87	<0.87	<0.87	<0.87	<0.87	<0.38	<0.38	<0.38	<0.38	<0.45	
1,2-Dichloroethane	5	<u>0.5</u>	<2.4	<0.48	<0.48	<0.48	<0.48	<0.48	<0.45	<0.45	<0.45	<0.45	<0.45	<0.39	<0.44	<0.48	<0.48	<0.48	<0.48	<0.48	<0.45	<0.45	<0.45	<0.45	<0.39	
1,1-Dichloroethane	850	<u>85</u>	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<0.42	<0.42	<0.42	<0.42	<0.42	<0.46	<0.48	<1.1	<1.1	<1.1	<1.1	<1.1	<0.42	<0.42	<0.42	<0.42	<0.46	
1,1-Dichloroethene	7	<u>0.7</u>	<3.25	<0.65	<0.65	<0.65	<0.65	<0.65	<0.46	<0.46	<0.46	<0.46	<0.46	<0.5	<0.55	<0.65	<0.65	<0.65	<0.65	<0.65	<0.46	<0.46	<0.46	<0.46	<0.5	
cis-1,2-Dichloroethene	70	<u>7</u>	<2.25	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.41	<0.41	<0.41	<0.41	<0.39	<0.39	<0.45	<0.45	<0.45	<0.45	<0.45	<0.41	<0.41	<0.41	<0.41	<0.39	
trans-1,2-Dichloroethene	100	<u>20</u>	<2.7	<0.54	<0.54	<0.54	<0.54	<0.54	<0.35	<0.35	<0.35	<0.35	<0.35	<0.37	<0.6	<0.54	<0.54	<0.54	<0.54	<0.54	<0.35	<0.35	<0.35	<0.35	<0.37	
1,2-Dichloropropane	5	<u>0.5</u>	<2.15	<0.43	<0.43	<0.43	<0.43	<0.43	<0.39	<0.39	<0.39	<0.39	<0.39	<0.38	<0.38	<0.43	<0.43	<0.43	<0.43	<0.43	<0.39	<0.39	<0.39	<0.39	<0.38	
2,2-Dichloropropane	-----	-----	<15.5	<3.1	<3.1	<3.1	<3.1	<3.1	NA	NA	NA	NA	NA	NA	NA	<3.1	<3.1	<3.1	<3.1	<3.1	NA	NA	NA	NA	NA	
1,3-Dichloropropane	-----	-----	<2.1	<0.42	<0.42	<0.42	<0.42	<0.42	<0.49	<0.49	<0.49	<0.49	<0.49	<0.35	<0.4	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.35	
trans-1,3-Dichloropropene	0.4	<u>0.04</u>	NA	NA	NA	NA	NA	NA	<0.42	<0.42	<0.42	<0.42	<0.42	<0.3	<0.45	NA	NA	NA	NA	NA	<0.42	<0.42	<0.42	<0.42	<0.3	
cis-1,3-Dichloropropene	0.4	<u>0.04</u>	NA	NA	NA	NA	NA	NA	<0.21	<0.21	<0.21	<0.21	<0.21	<0.36	<0.51	NA	NA	NA	NA	NA	<0.21	<0.21	<0.21	<0.21	<0.36	
Di-isopropyl ether	-----	-----	<2.2	<0.44	<0.44	<0.44	<0.44	<0.44	<0.26	<0.26	<0.26	<0.26	<0.26	<0.34	<0.47	<0.44	<0.44	<0.44	<0.44	<0.44	<0.26	<0.26	<0.26	<0.26	<0.34	
1,2-Dibromoethane (EDB)	0.05	<u>0.005</u>	<3.15	<0.63	<0.63	<0.63	<0.63	<0.63	<0.34	<0.34	<0.34	<0.34	<0.34	<0.24	<0.47	<0.63	<0.63	<0.63	<0.63	<0.63	<0.34	<0.34	<0.34	<0.34	<0.24	
Ethylbenzene	700	<u>140</u>	<3.55	<0.71	<0.71	<0.71	<0.71	<0.71	<0.2	<0.2	<0.2	<0.2	<0.2	<0.32	<0.37	<0.71	<0.71	<0.71	<0.71	<0.71	<0.2	<0.2	<0.2	<0.2	<0.32	
Hexachlorobutadiene	-----	-----	<11	<2.2	<2.2	<2.2	<2.2	<2.2	<1.47	<1.47	<1.47	<1.47	<1.47	<0.72	<0.75	<2.2	<2.2	<2.2	<2.2	<2.2	<1.47	<1.47	<1.47	<1.47	<0.72	
Isopropylbenzene	-----	-----	<4.1	<0.82	<0.82	<0.82	<0.82	<0.82	<0.29	<0.29	<0.29	<0.29	<0.29	<0.32	<0.3	<0.82	<0.82	<0.82	<0.82	<0.82	<0.29	<0.29	<0.29	<0.29	<0.32	
p-Isopropyltoluene	-----	-----	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<0.28	<0.28	<0.28	<0.28	<0.28	<0.47	<0.43	<1.1	<1.1	<1.1	<1.1	<1.1	<0.28	<0.28	<0.28	<0.28	<0.47	
Methylene Chloride	5	<u>0.5</u>	<6.5	<1.3	<1.3	<1.3	<1.3	<1.3	<0.94	<0.94	<0.94	<0.94	<0.94	<1.32	<0.89	<1.3	<1.3	<1.3	<1.3	<1.3	<0.94	<0.94	<0.94	<0.94	<1.32	
Methyl-tert-butyl-ether (MTBE)	60	<u>12</u>	<5.5	<1.1	<1.1	<1.1	<1.1	<1.1	<0.82	<0.82	<0.82	<0.82	<0.82	<0.47	<0.46	<1.1	<1.1	<1.1	<1.1	<1.1	<0.82	<0.82	<0.82	<0.82	<0.47	
Naphthalene	100	<u>10</u>	<8	<1.6	<1.6	<1.6	<1.6	<1.6	<2.17	<2.17	<2.17	<2.17	<2.17	<1.1	<1.4	<1.6	<1.6	<1.6	<1.6	<1.6	<2.17	<2.17	<2.17	<2.17	<1.1	
n-Propylbenzene	-----	-----	<3.85	<0.77	<0.77	<0.77	<0.77	<0.77	<0.19	<0.19	<0.19	<0.19	<0.19	<0.33	<0.44	<0.77	<0.77	<0.77	<0.77	<0.77	<0.19	<0.19	<0.19	<0.19	<0.33	
1,1,2,2-Tetrachloroethane	0.2	<u>0.02</u>	<2.6	<0.52	<0.52	<0.52	<0.52	<0.52	<0.69	<0.69	<0.69	<0.69	<0.69	<0.37	<0.36	<0.52	<0.52	<0.52	<0.52	<0.52	<0.69	<0.69	<0.69	<0.69	<0.37	

















**Table A.4.c**  
**Differential Pressure Measurements**

145 E. Sunset Dr.  
Waukesha, Wisconsin  
02-68-576741 / 268280430

Vacuum Point	Date	Vacuum Reading inches of water ("H <sub>2</sub> O)
Main Suction Point	8/26/2020	-2.45
	4/16/2021	-2.30
	4/28/2021	-2.30
Secondary Suction Point	8/26/2020	-1.15
	4/16/2021	-1.00
	4/28/2021	-1.00
VP-1	8/26/2020	-0.27
	4/16/2021	-0.27
	4/28/2021	-0.124
VP-2	8/26/2020	-0.13
	4/16/2021	-0.12
	4/28/2021	-0.046
VP-141N	8/26/2020	-0.08
	4/16/2021	0.00
	4/28/2021	-0.011
VP-141S	8/26/2020	0.00
	4/16/2021	-0.01
	4/28/2021	-0.012
VP-143N	8/26/2020	NA **
	4/16/2021	NA **
	4/28/2021	NA **
VP-143SR	8/26/2020	-0.02
	4/16/2021	0.00
	4/28/2021	-0.041
VP-145N	8/26/2020	0.00
	4/16/2021	0.00
	4/28/2021	-0.079
VP-147S	8/26/2020	0.00
	4/16/2021	0.00
	4/28/2021	-0.060

Notes:

NA = Vapor Point Not Available

NA \*\* = Vapor Point Not Available, Confirmed that fan is running



**Table A.4.c**  
**Differential Pressure Measurements**

145 E. Sunset Dr.  
Waukesha, Wisconsin  
02-68-576741 / 268280430

Vacuum Point	Date	Vacuum Reading inches of water ("H <sub>2</sub> O)
Main Suction Point	4/28/2021	-2.30
Secondary Suction Point	4/28/2021	-1.00
VP-1	4/28/2021	-0.124
VP-2	4/28/2021	-0.046
VP-141N	4/28/2021	-0.011
VP-141S	4/28/2021	-0.012
VP-143N	4/28/2021	could not access
VP-143SR	4/28/2021	-0.041
VP-145N	4/28/2021	-0.079
VP-147S	4/28/2021	-0.060

## A. DATA TABLES

### A.5. OTHER MEDIA OF CONCERN

NO OTHER MEDIA OF CONCERN HAS BEEN IDENTIFIED AT THE SITE.

**Table A.6  
Water Level Elevations**

145 E. Sunset Dr.  
Waukesha, Wisconsin  
02-68-576741 / 268280430

Well	Date	Ground Surface Elevation	TOC Elevation	Depth to Water	Groundwater Elevation	Depth Below Ground Surface
MW-1	2/16/2016	891.28	890.86	6.63	884.23	7.05
	5/5/2016			5.28	885.58	5.70
	9/29/2016			7.38	883.48	7.80
	12/12/2016			7.51	883.35	7.93
	3/22/2017			6.21	884.65	6.63
	6/8/2017			4.12	886.74	4.54
	9/11/2017			7.63	883.23	8.05
	12/12/2017			8.75	882.11	9.17
	8/26/2020			5.84	885.02	6.26
4/7/2021	7.49	883.37	7.91			
MW-2	2/16/2016	892.15	891.79	7.58	884.21	7.94
	5/5/2016			6.12	885.67	6.48
	9/29/2016			8.31	883.48	8.67
	12/12/2016			8.48	883.31	8.84
	3/22/2017			7.11	884.68	7.47
	6/8/2017			6.01	885.78	6.37
	9/11/2017			8.56	883.23	8.92
	12/12/2017			9.71	882.08	10.07
	8/26/2020			8.06	883.73	8.42
4/7/2021	7.83	883.96	8.19			
MW-3	2/16/2016	891.90	891.57	7.46	884.11	7.79
	5/5/2016			6.05	885.52	6.38
	9/29/2016			8.17	883.40	8.50
	12/12/2016			8.39	883.18	8.72
	3/22/2017			7.08	884.49	7.41
	6/8/2017			5.88	885.69	6.21
	9/11/2017			8.52	883.05	8.85
	12/12/2017			8.52	883.05	8.85
	8/26/2020			7.94	883.63	8.27
4/7/2021	7.72	883.85	8.05			
MW-4	5/5/2016	890.64	890.22	5.26	884.96	5.68
	9/29/2016			7.12	883.10	7.54
	12/12/2016			7.31	882.91	7.73
	3/22/2017			6.07	884.15	6.49
	6/8/2017			5.14	885.08	5.56
	9/11/2017			7.52	882.70	7.94
	12/12/2017			8.54	881.68	8.96
	8/26/2020			6.88	883.34	7.30
4/7/2021	6.78	883.44	7.20			
MW-5	5/5/2016	889.85	889.42	4.89	884.53	5.32
	9/29/2016			6.67	882.75	7.10
	12/12/2016			6.31	883.11	6.74
	3/22/2017			5.45	883.97	5.88
	6/8/2017			4.64	884.78	5.07
	9/11/2017			7.02	882.40	7.45
	12/12/2017			7.94	881.48	8.37
	8/26/2020			4.58	884.84	5.01
4/7/2021	6.12	883.30	6.55			
PZ-1	5/5/2016	891.24	890.86	6.77	884.09	7.15
	9/29/2016			8.85	882.01	9.23
	12/12/2016			7.72	883.14	8.10
	3/22/2017			6.26	884.60	6.64
	6/8/2017			5.18	885.68	5.56
	9/11/2017			7.76	883.10	8.14
	12/12/2017			8.90	881.96	9.28
	8/26/2020			5.86	885.00	6.24
4/7/2021	5.99	884.87	6.37			
MW-6	8/26/2020	890.92	891.04	7.74	883.30	7.62
	4/7/2021			6.92	884.12	6.80

**Notes:**

TOC = Top of casing  
Elevations established using the Waukesha County GIS system contours

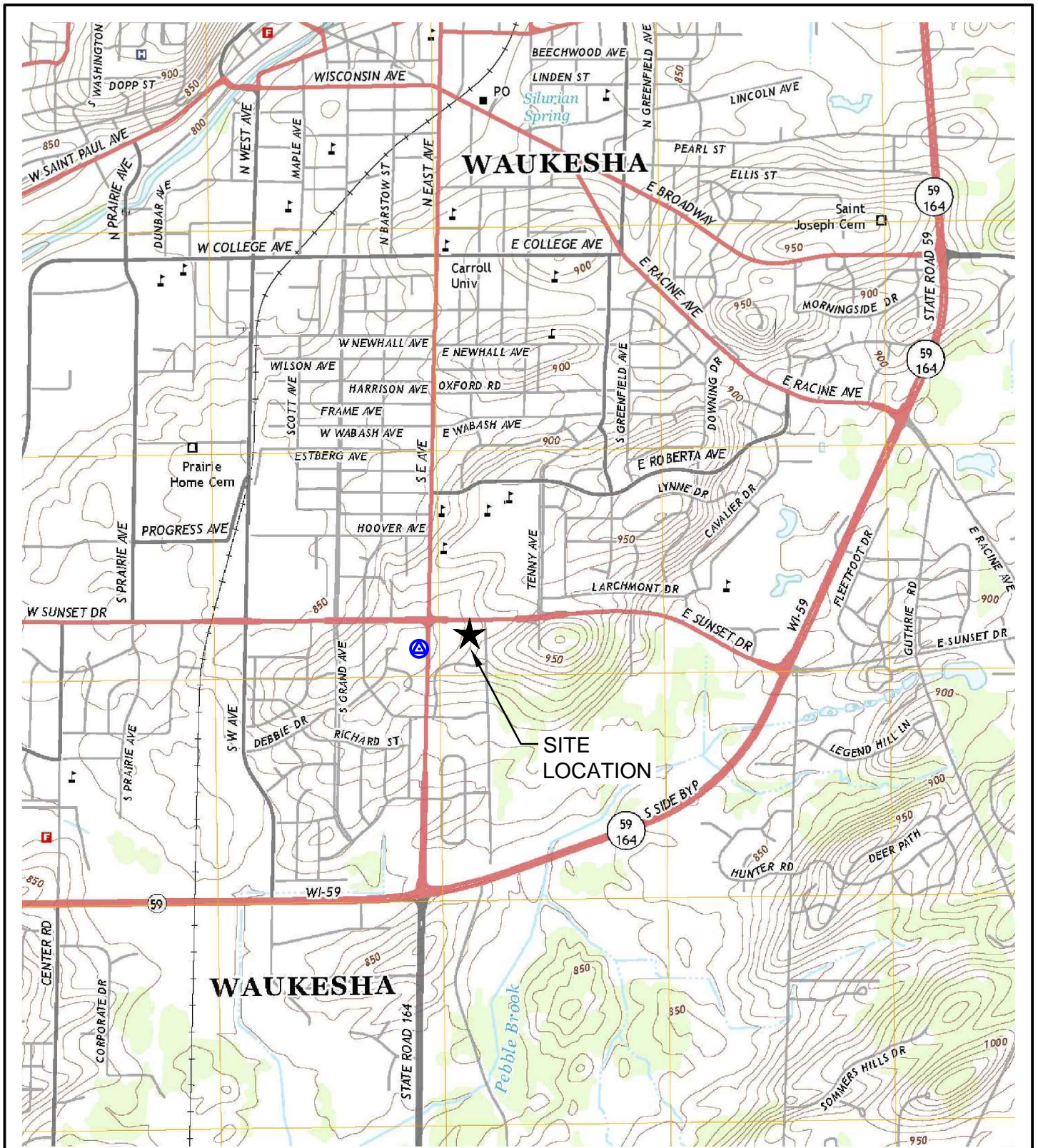
## A. DATA TABLES

A.7. OTHER

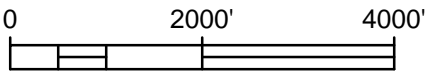
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## **ATTACHMENT B**

- B.1 Location Map
- B.1.b.1 Detailed Site Map
- B.1.b.2 Detailed Site Map
- B.1.b.3 Underground Sewers
- B.1.c RR Sites Map
- B.2.a Soil Contamination
- B.2.b Residual Soil Contamination
- B.3.a Geologic Cross Sections
- B.3.b Groundwater Isoconcentration Map - 092321
- B.3.c Groundwater Flow Direction
- B.3.d Monitoring Well Locations
- B.4.a.1 Sub-Slab Vapors - 092321
- B.4.a.2 Indoor Air Results
- B.4.b Other Media of Concern
- B.4.c Other
- B.5 Structural Impediment Photos

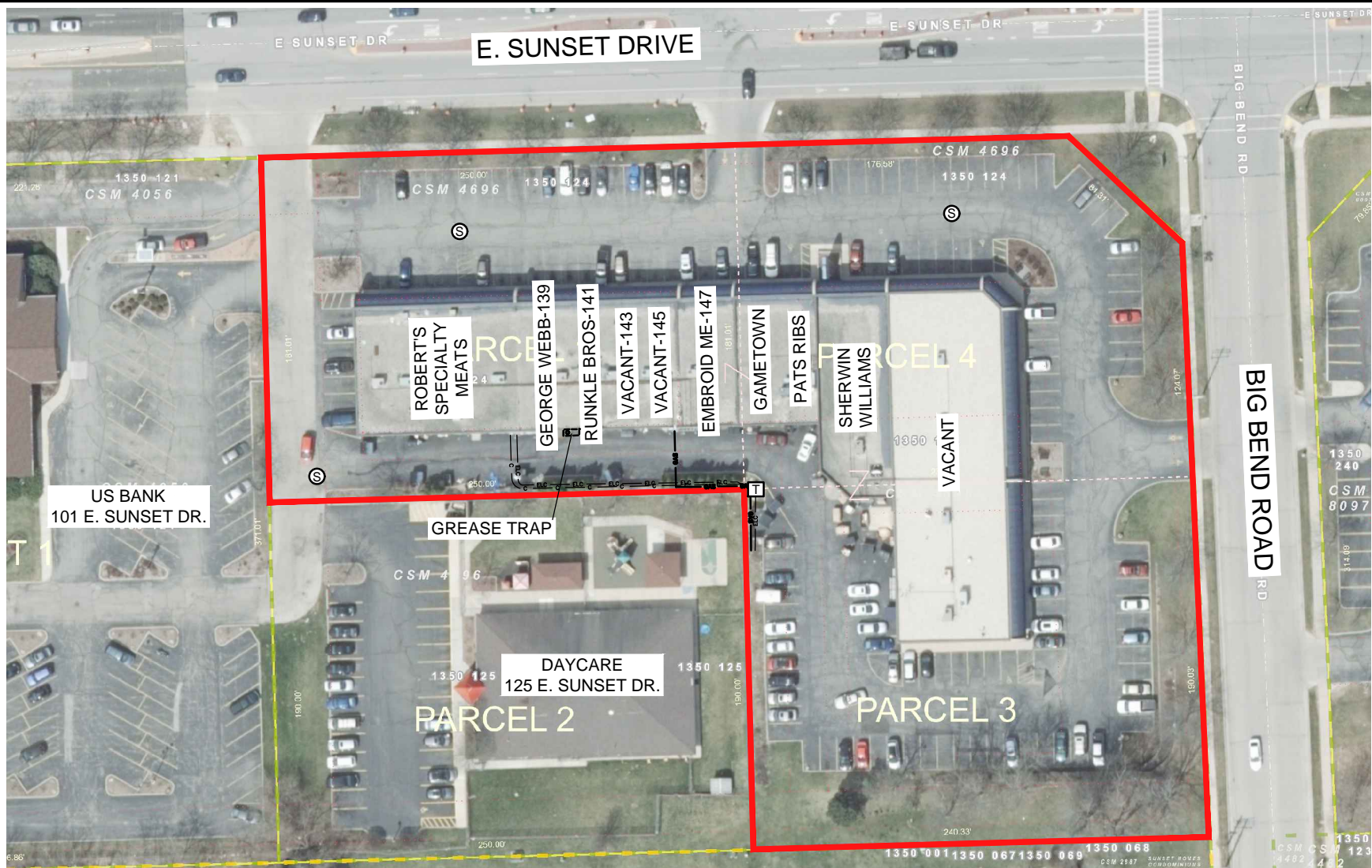


 WAUKESHA MUNICIPAL WELL #5 LOCATION



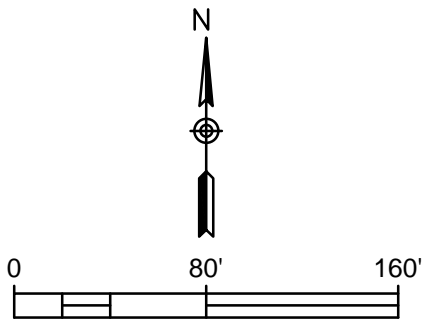
SOURCE: USGS

<b>LOCATION MAP</b>		
02-68-576741 KRystal KLEANERS 145 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b>Endpoint Solutions</b>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 09/11/19	B.1.a
REVIEWED BY: TJH	PROJECT NO: 403-001-010	



	SUBJECT PROPERTY
	UNDERGROUND COMMUNICATIONS/CONDUIT
	UNDERGROUND ELECTRIC LINE
	GAS LINE
	STORM INLET
	TRANSFORMER

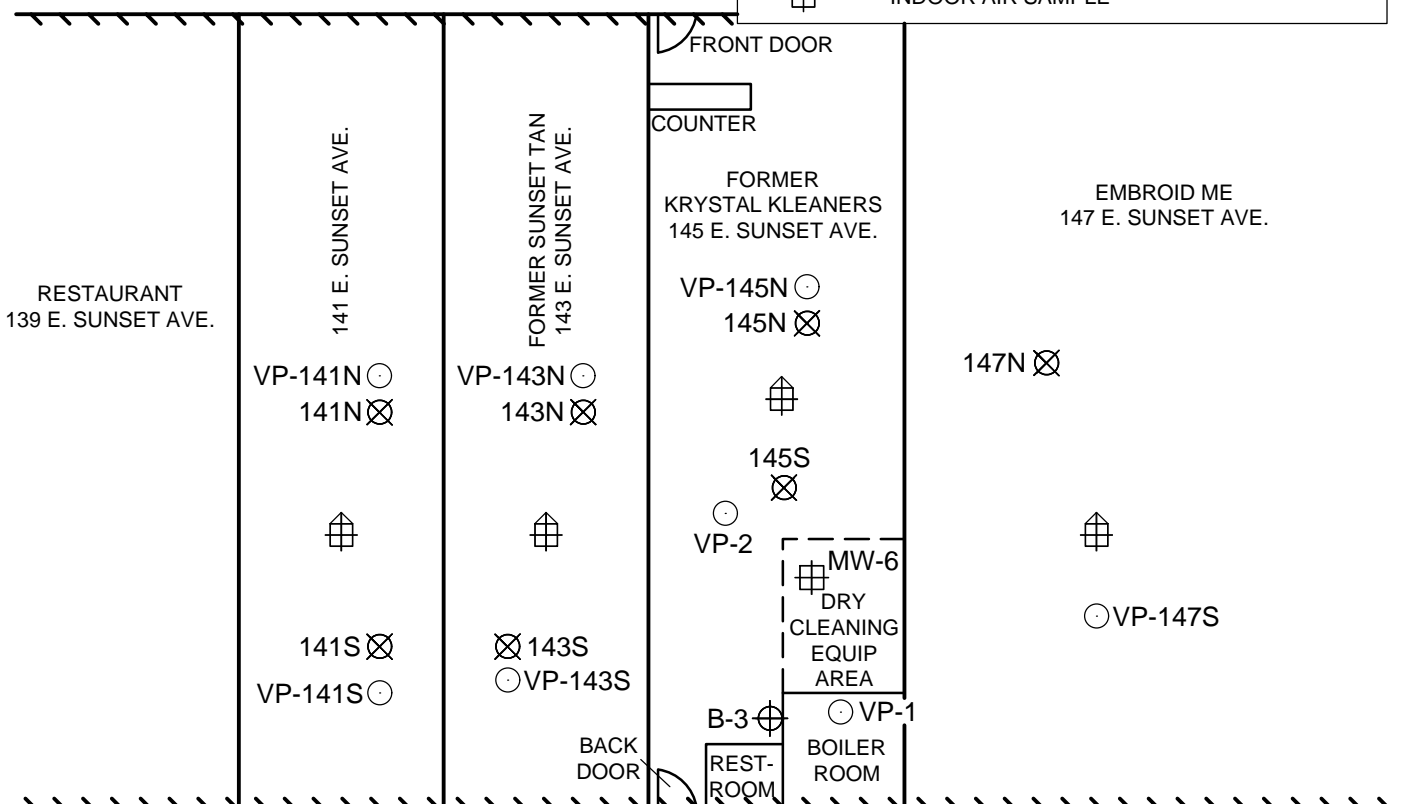
- NOTES:**
1. UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE.
  2. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.



<b>DETAILED SITE MAP</b>		
02-68-576741 KRystal Kleaners 145 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b>Endpoint Solutions</b>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 09/11/19	B.1.b.1
REVIEWED BY: RAC	PROJECT NO: 403-001-010	

⊕ B-1

EDGE OF BUILDING
   
 — x — FENCE
   
 — c — UNDERGROUND COMMUNICATIONS/CONDUIT
   
 — ELC — UNDERGROUND ELECTRIC LINE
   
 — GAS — GAS LINE
   
 ⊕ SOIL & GROUNDWATER SAMPLE LOCATION
   
 ⊗ SHALLOW SOIL SAMPLE LOCATION AND IDENTIFIER
   
 ○ SUBSLAB VAPOR SAMPLING POINT LOCATION
   
 ⊕ MONITORING WELL/PIEZOMETER LOCATION
   
 ⊕ INDOOR AIR SAMPLE



P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\B.1.b.2\_403-001-012-006 Detailed Site Map.dwg

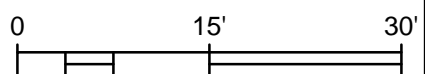
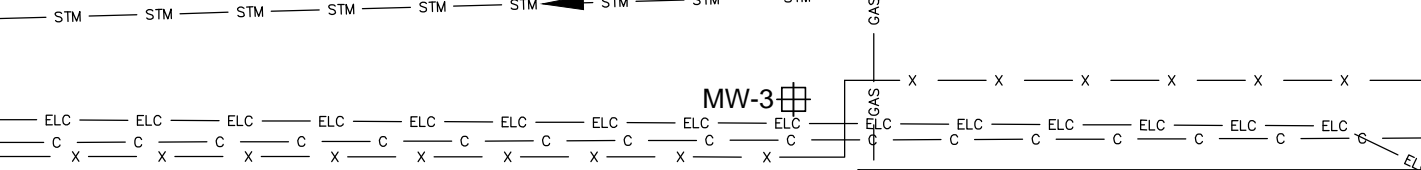
⊕ MW-5

⊕ MW-4

⊕ B-2  
⊕ MW-1 ⊕ PZ-1

⊕ MW-2

10" STORM SEWER



**NOTES:**

1. UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.

# DETAILED SITE MAP

02-68-576741 KRYSTAL KLEANERS  
 145 E. SUNSET DRIVE  
 WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
 Franklin, WI 53132

Phone: (414) 427-1200

Fax: (414) 427-1259

DRAWN BY: NWD

DATE: 01/08/2021

REVIEWED BY: RAC

PROJECT NO: 403-001-012-006

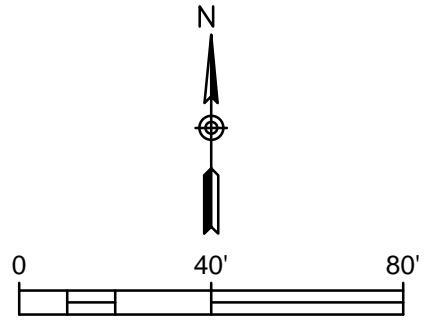
B.1.b.2





	SUBJECT PROPERTY
	UNDERGROUND COMMUNICATIONS/CONDUIT
	UNDERGROUND ELECTRIC LINE
	GAS LINE
	GRAVITY SANITARY SEWER
	GRAVITY STORM SEWER
	SANITARY MANHOLE
	STORM INLET/MANHOLE
	TRANSFORMER

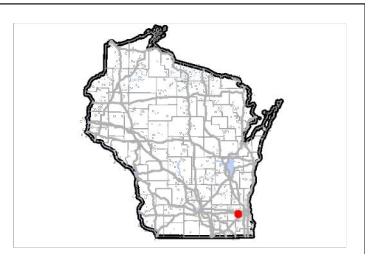
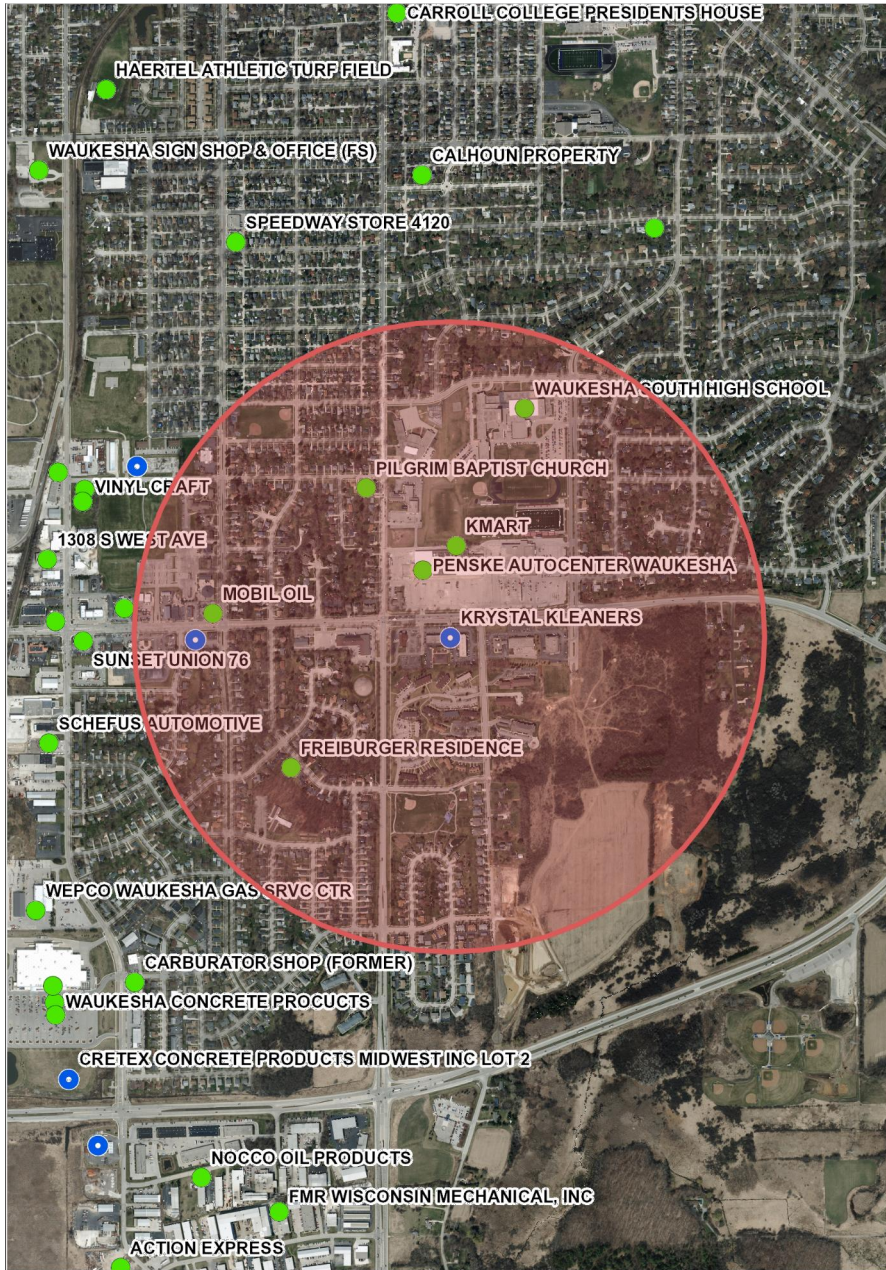
NOTE: ALL UNDERGROUND UTILITIES ARE SHOWN APPROXIMATE.



<b>SUBSURFACE UTILITIES</b>		
02-68-576741 KRystal Kleaners 145 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b>Endpoint Solutions</b>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200	Fax: (414) 427-1259	
DRAWN BY: NWD	DATE: 01/11/2021	B.1.b.3
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006	

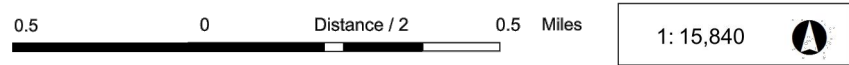


# RR SITES MAP



**Legend**

- Open Site (ongoing cleanup)
- Closed Site (completed cleanup)



NAD\_1983\_HARN\_Wisconsin\_TM

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Note: Not all sites are mapped.

**Notes**

<h2>RR SITES MAP</h2>		
02-68-576741 KRISTAL KLEANERS		
145 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<h3>Endpoint Solutions</h3>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 09/11/19	<b>B.1.c</b>
REVIEWED BY: TJH	PROJECT NO: 403-001-010	

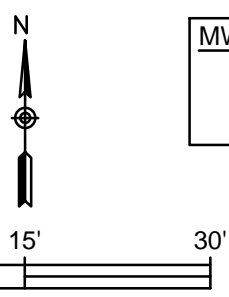
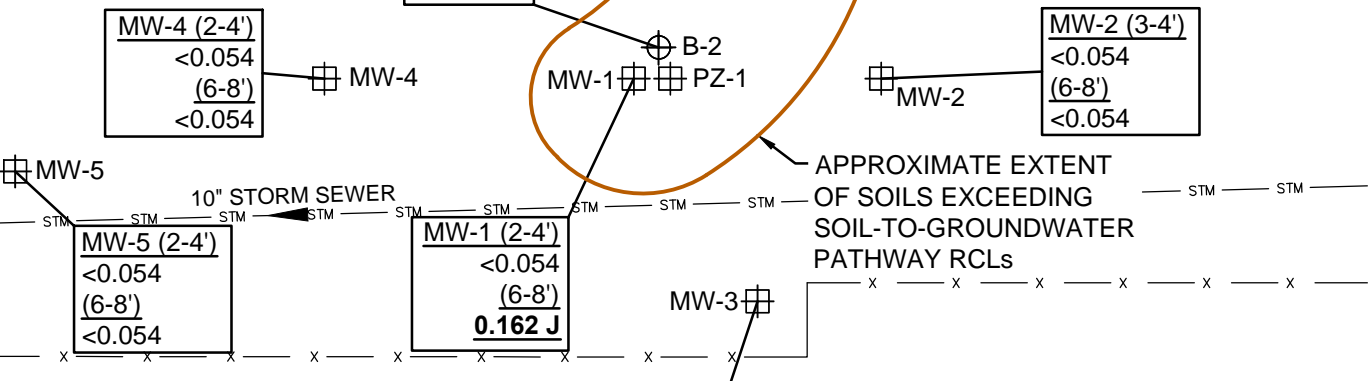
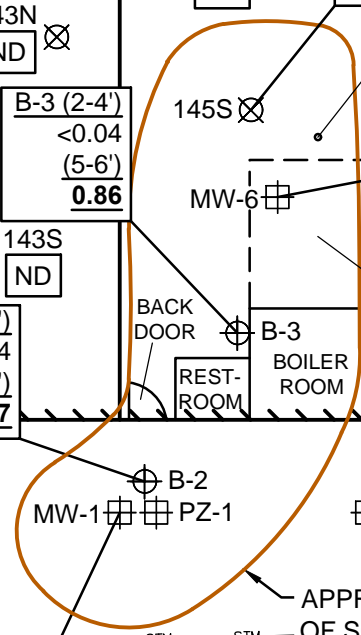
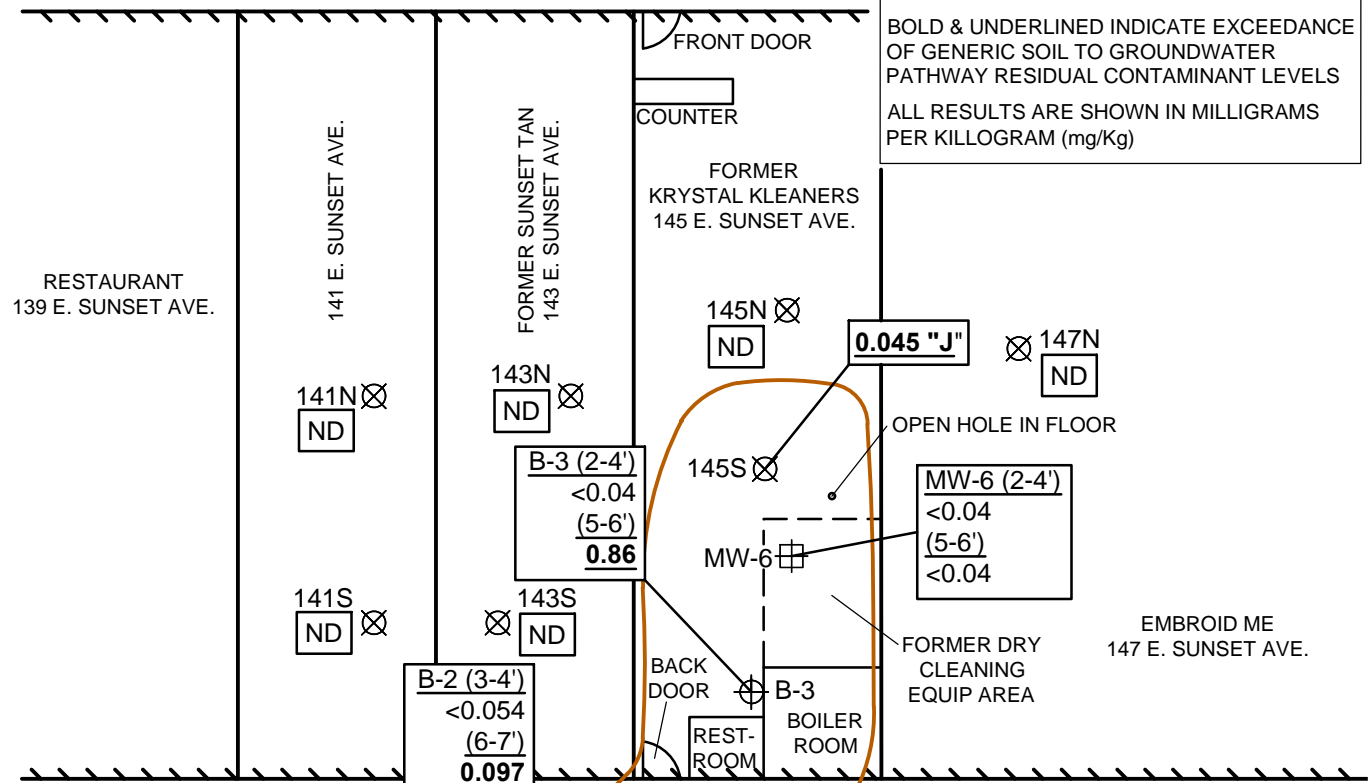
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SOURCE: WDNR

EDGE OF BUILDING  
 FENCE  
 SOIL BORING LOCATION  
 SHALLOW SOIL SAMPLE LOCATION AND IDENTIFIER  
 SOIL BORING W/ MONITORING WELL LOCATION

ND = NON-DETECT  
 PCE = TETRACHLOROETHENE  
 J = RESULT IS AN ESTIMATE BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION

**BOLD & UNDERLINED INDICATE EXCEEDANCE OF GENERIC SOIL TO GROUNDWATER PATHWAY RESIDUAL CONTAMINANT LEVELS**  
 ALL RESULTS ARE SHOWN IN MILLIGRAMS PER KILOGRAM (mg/Kg)



**SOIL PCE (mg/kg) CONTAMINATION**

02-68-576741 KRISTAL KLEANERS  
 145 E. SUNSET DRIVE  
 WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
 Franklin, WI 53132

Phone: (414) 427-1200      Fax: (414) 427-1259  
 DRAWN BY: NWD      DATE: 01/08/2021  
 REVIEWED BY: RAC      PROJECT NO: 403-001-012-006

B.2.a

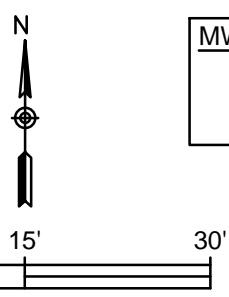
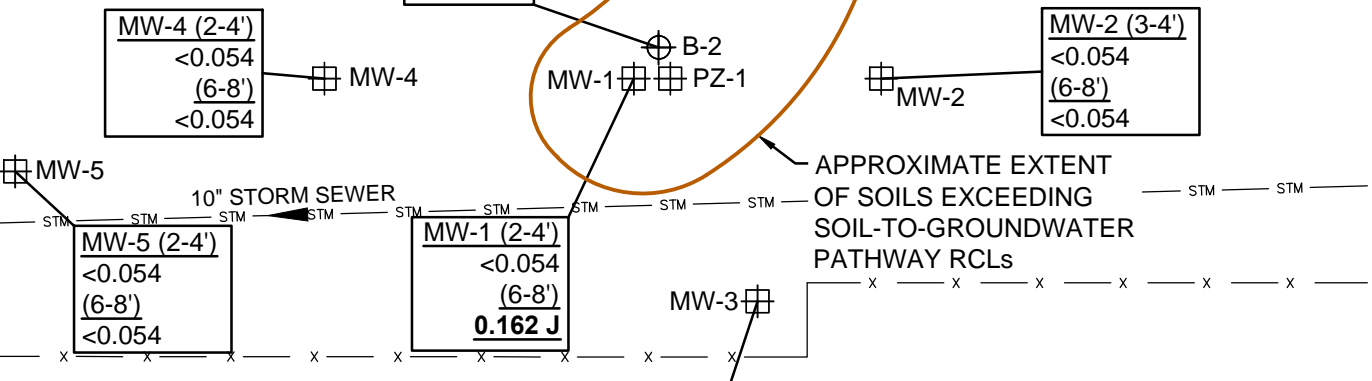
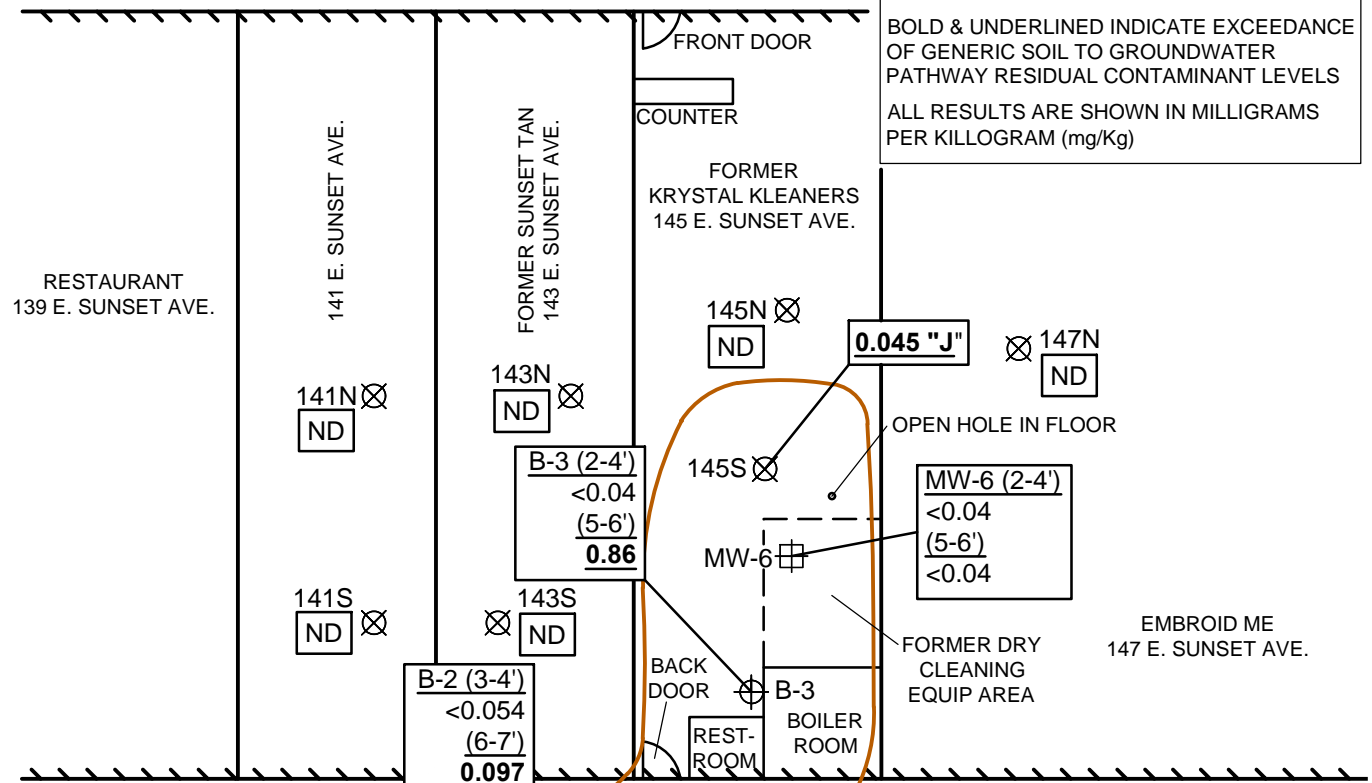
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SOURCE:

EDGE OF BUILDING  
 FENCE  
 SOIL BORING LOCATION  
 SHALLOW SOIL SAMPLE LOCATION AND IDENTIFIER  
 SOIL BORING W/ MONITORING WELL LOCATION

ND = NON-DETECT  
 PCE = TETRACHLOROETHENE  
 J = RESULT IS AN ESTIMATE BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION

**BOLD & UNDERLINED INDICATE EXCEEDANCE OF GENERIC SOIL TO GROUNDWATER PATHWAY RESIDUAL CONTAMINANT LEVELS**  
 ALL RESULTS ARE SHOWN IN MILLIGRAMS PER KILOGRAM (mg/Kg)



**RESIDUAL CONTAMINATION**

02-68-576741 KRYSTAL KLEANERS  
 145 E. SUNSET DRIVE  
 WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
 Franklin, WI 53132

Phone: (414) 427-1200      Fax: (414) 427-1259

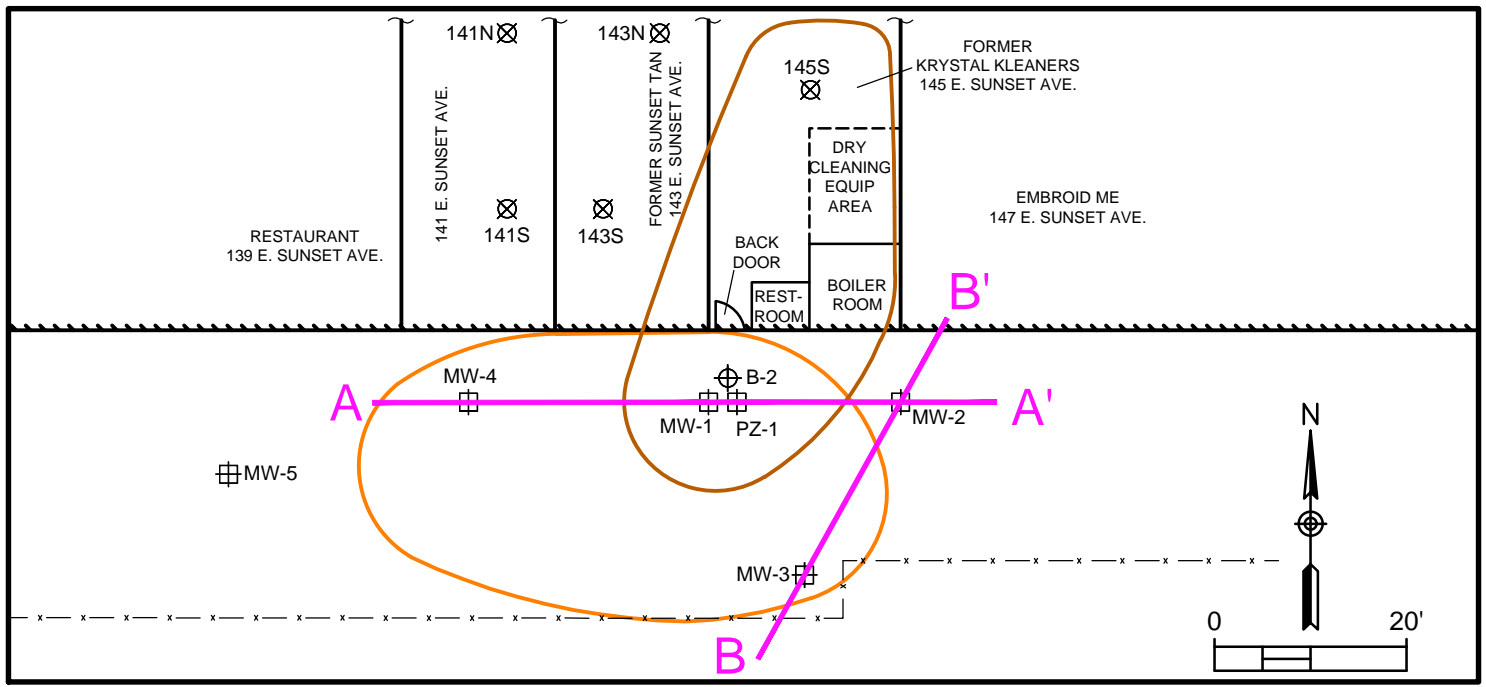
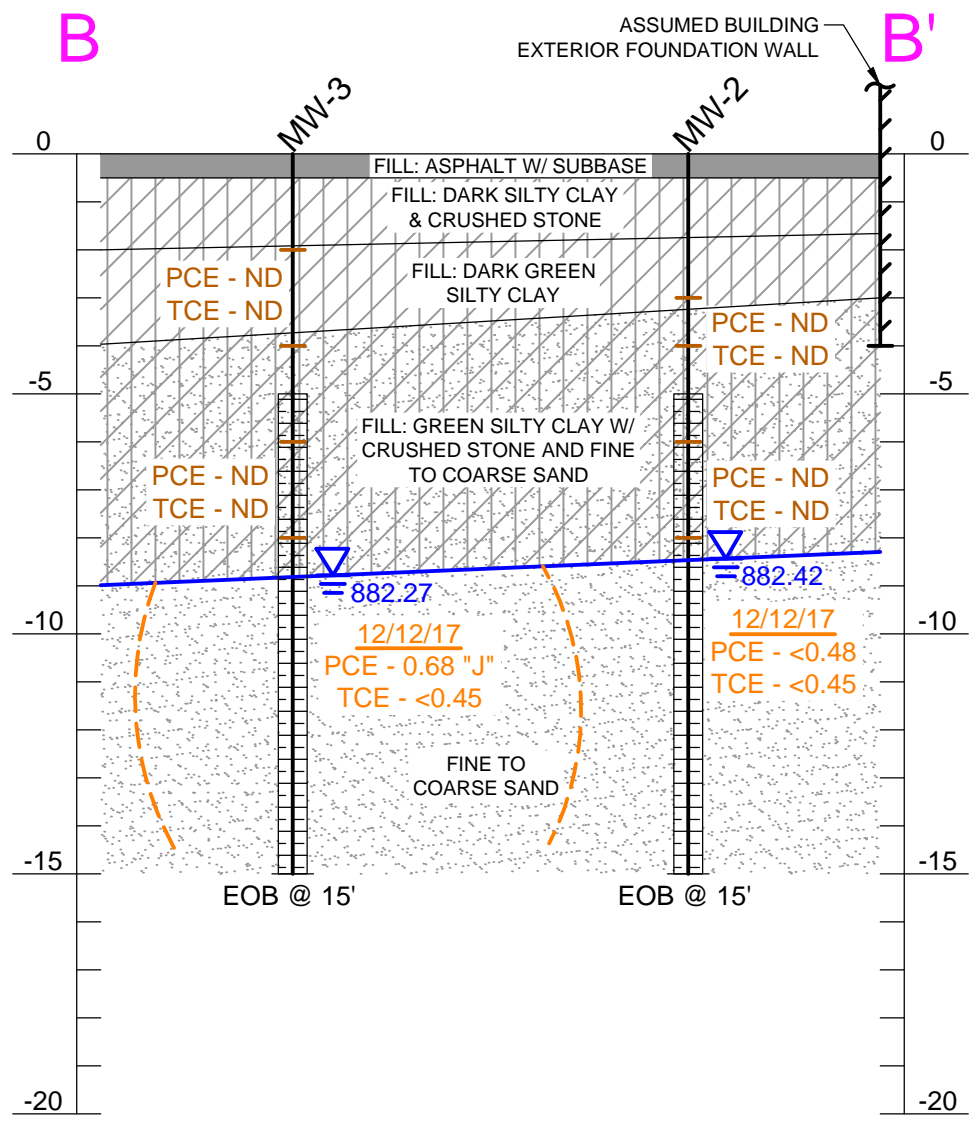
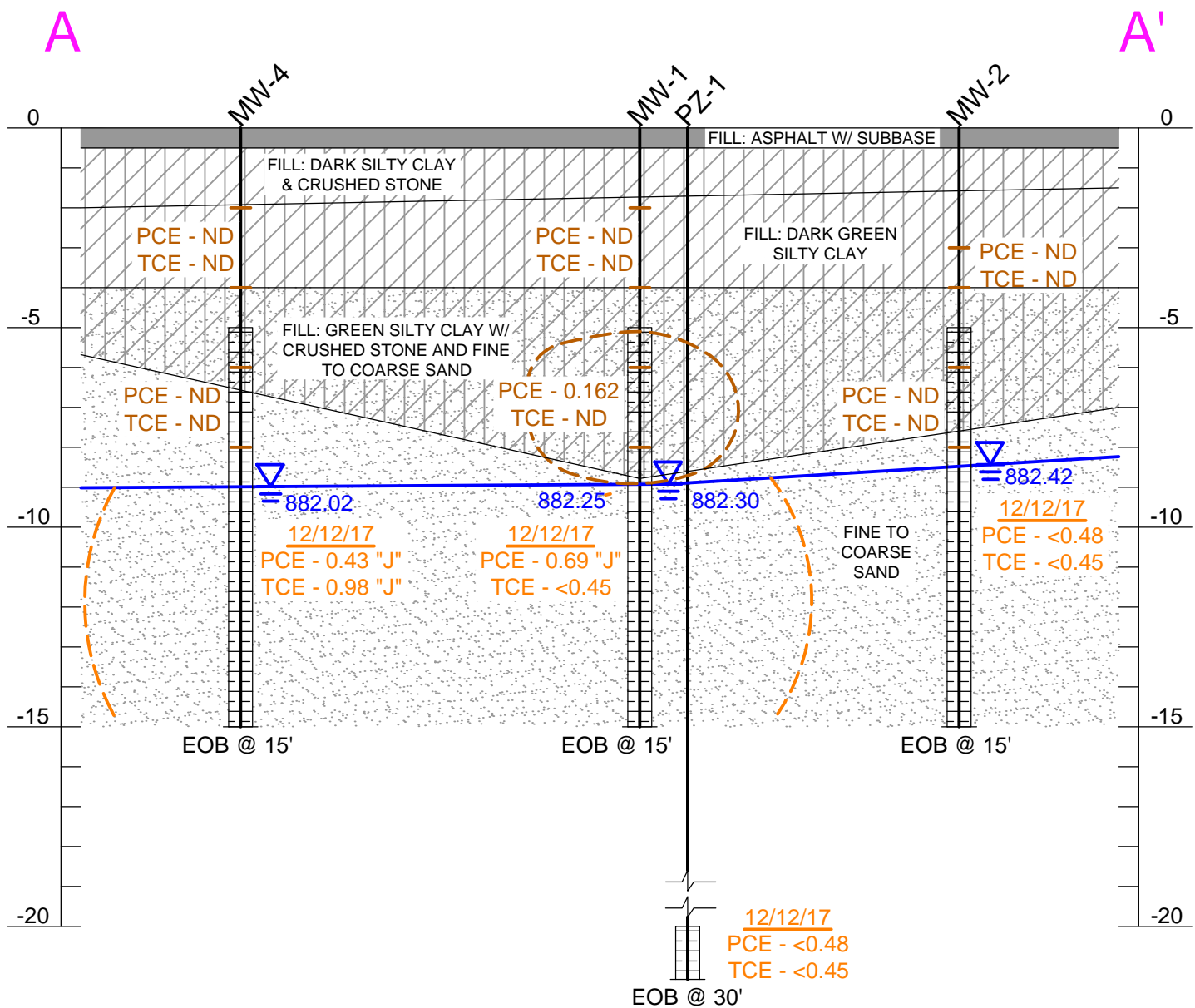
DRAWN BY: NWD	DATE: 07/19/2021
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006

**B.2.b**

P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\B.2.b\_403-001-012-006 Residual Contamination.dwg

SOURCE:

P:\Scherff Properties - 403\001 - 131 East Sunset Drive\CAD\001-010 Closure Figures\B.3.a\_403-001-010 Geologic Cross Sections.dwg

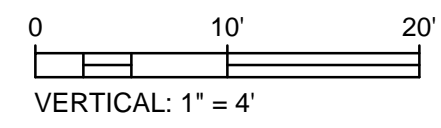


- EDGE OF BUILDING
- FENCE
- SOIL BORING LOCATION
- SHALLOW SOIL SAMPLE LOCATION AND IDENTIFIER
- SOIL BORING W/ MONITORING WELL LOCATION
- APPROXIMATE EXTENT OF SOILS EXCEEDING SOIL-TO-GROUNDWATER PATHWAY RCLs
- APPROXIMATE EXTENT OF GROUNDWATER WITH PAL EXCEEDANCES
- GROUNDWATER ELEVATION DECEMBER 2017
- MONITORING WELL SCREEN
- ASPHALT W/ SUBBASE
- FILL (SILTY CLAY)
- FILL (SANDY CLAY)
- NATIVE SAND

**SOIL RESULTS IN MILLIGRAMS PER KILOGRAM (mg/kg)**

**12/12/17 GROUNDWATER RESULTS IN MICROGRAMS PER LITER (ug/L)**

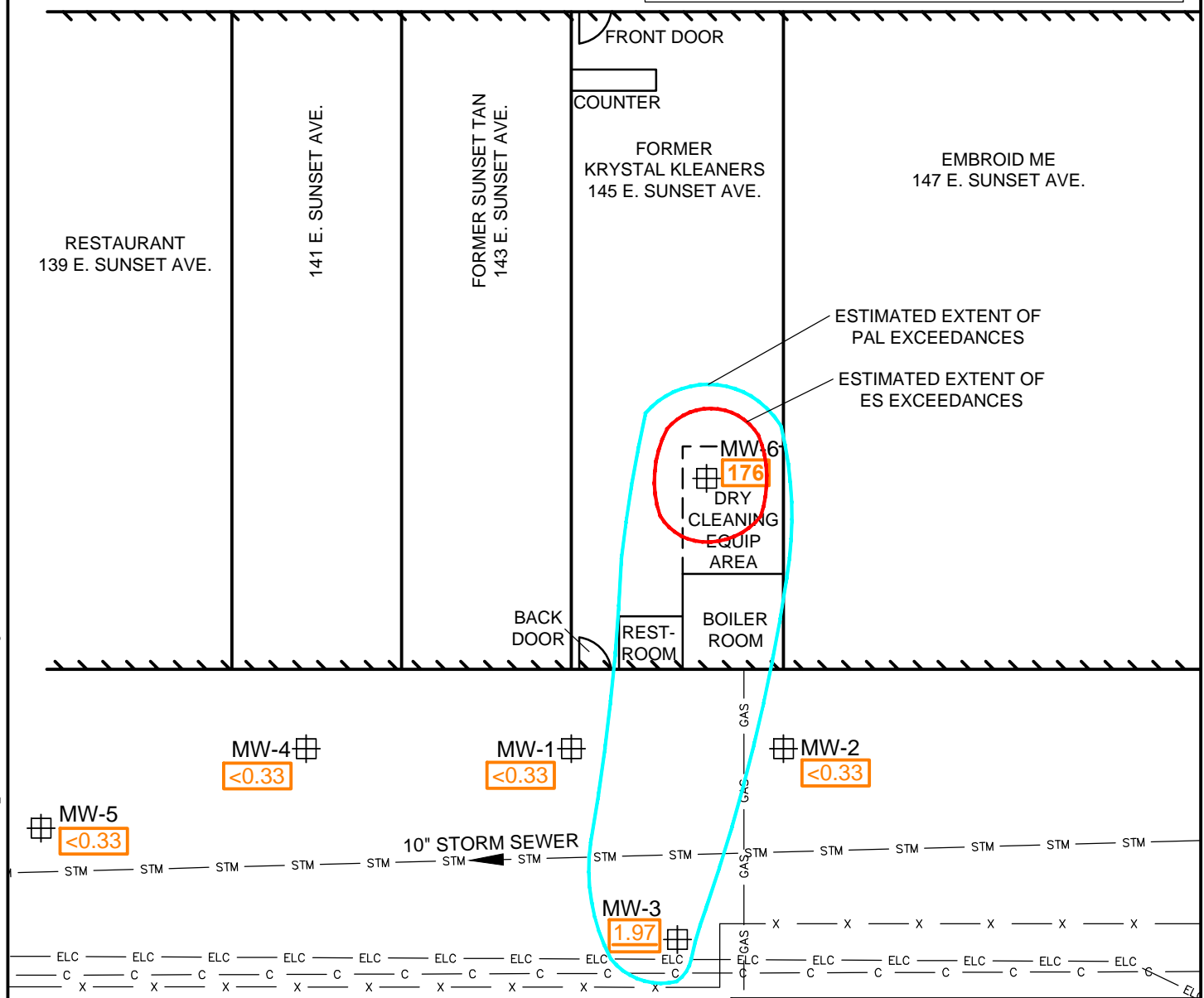
PCE - TETRACHLOROETHENE  
TCE - TRICHLOROETHENE  
ND - NOT DETECTED  
"J" - ESTIMATED RESULT BETWEEN THE LIMIT OF DETECTION (LOD) AND LIMIT OF QUANTITATION (LOQ)



GEOLOGIC CROSS-SECTION		
02-68-576741 KRISTAL KLEANERS 145 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b>Endpoint Solutions</b>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200	DATE: 11/12/19	Fax: (414) 427-1259
DRAWN BY: NWD	PROJECT NO: 403-001-010	B.3.a
REVIEWED BY: RAC		

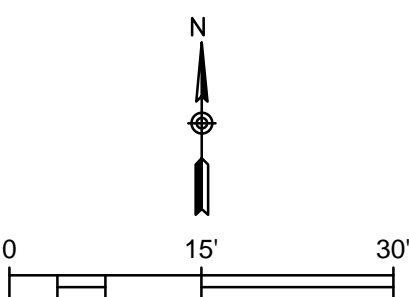
EDGE OF BUILDING
   
 — x — FENCE
   
 — c — UNDERGROUND COMMUNICATIONS/CONDUIT
   
 — ELC — UNDERGROUND ELECTRIC LINE
   
 — GAS — GAS LINE
   

 MONITORING WELL/PIEZOMETER LOCATION
   
 UNDERLINED RESULT INDICATES PREVENTIVE ACTION LIMIT (PAL) EXCEEDANCE
   
 BOLD RESULT INDICATES ENFORCEMENT STANDARD (ES) EXCEEDANCE
   
 ALL RESULTS IN MICROGRAMS PER LITER (ug/L)
   
 PCE - TETRACHLOROETHENE



P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\B.3.b\_403-001-012-006 PCE in GW.dwg

- NOTES:
- UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.



**PCE IN GROUNDWATER (8/26/20)**

02-68-576741 KRYSTAL KLEANERS  
145 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

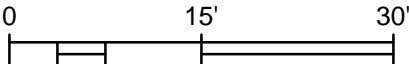
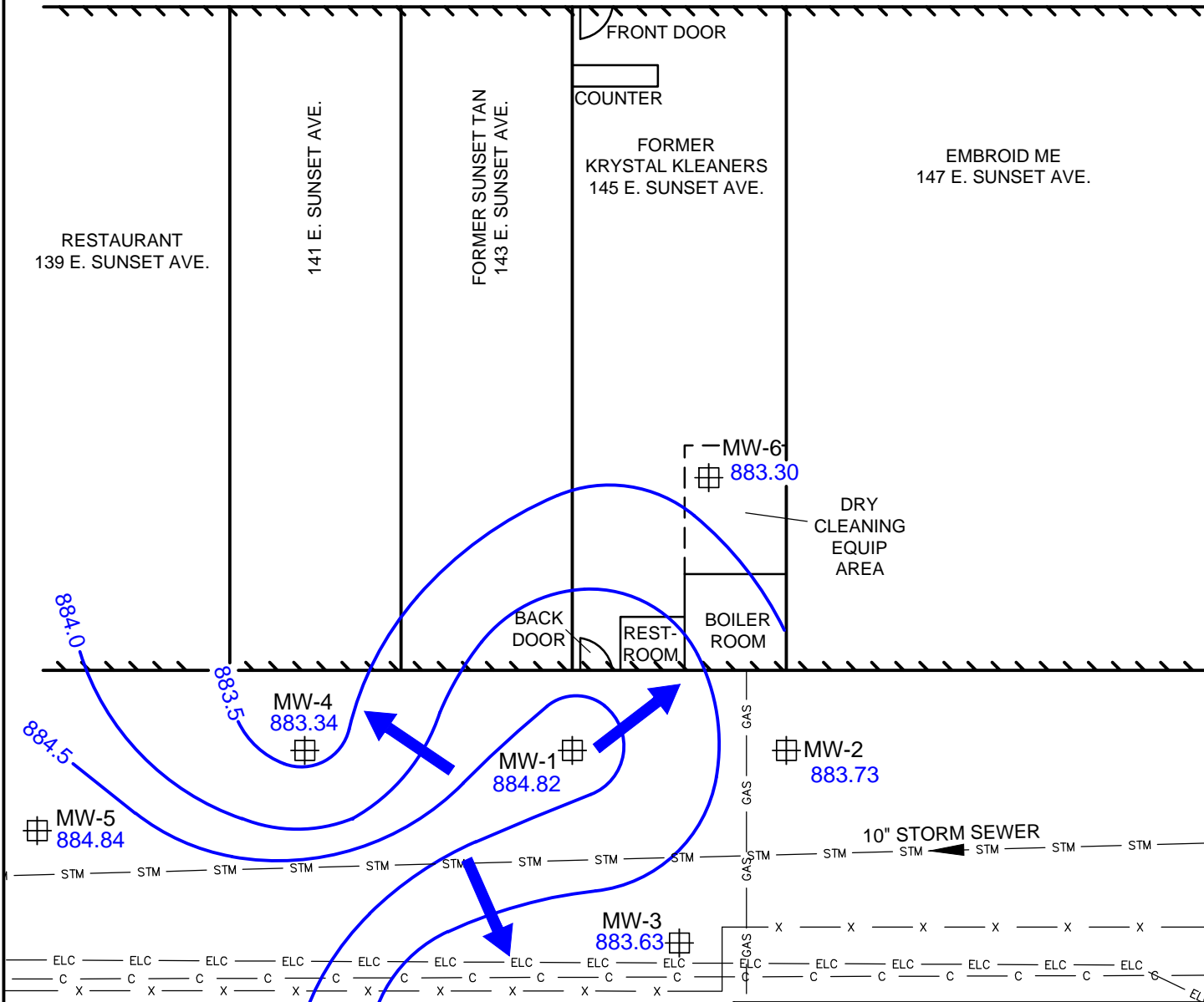
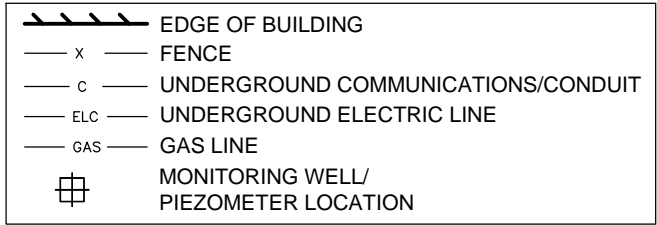
**Endpoint Solutions**

6871 S. Lovers Lane  
Franklin, WI 53132

Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: NWD	DATE: 09/23/2021	B.3.b
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006	

P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\B.3.c\_403-001-012-006 GW Flow Direction.dwg



- NOTES:**
1. UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.

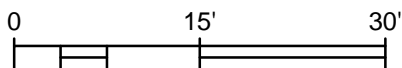
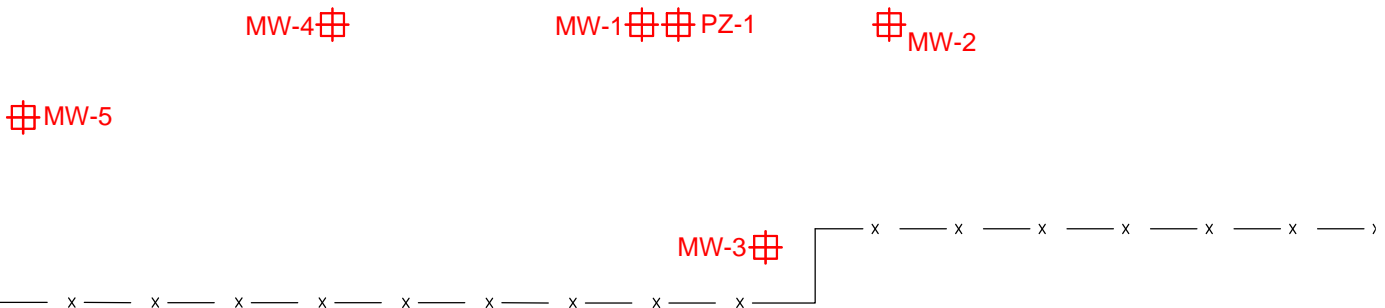
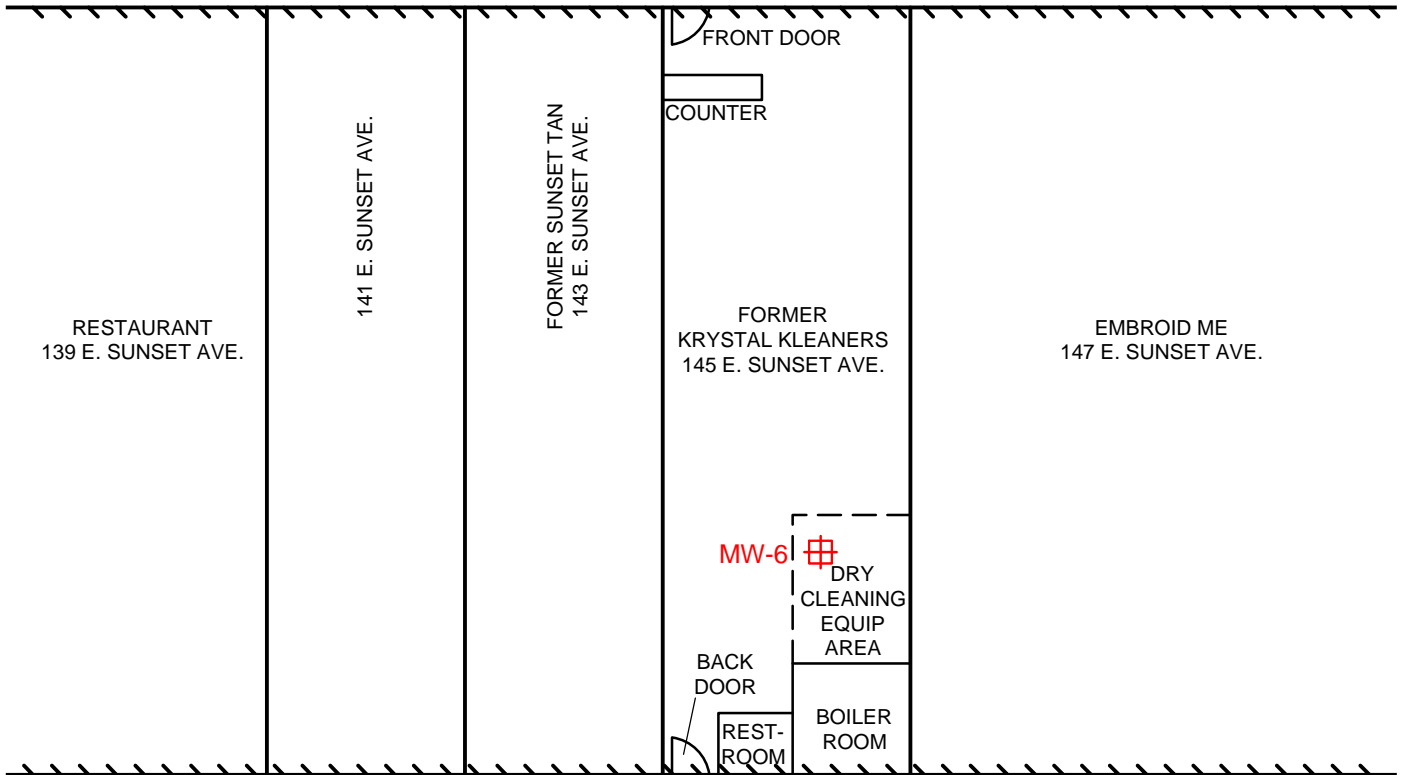
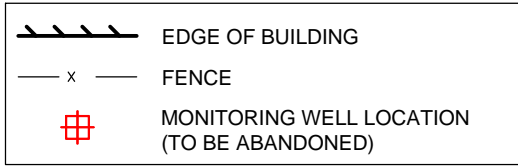
**GROUNDWATER FLOW DIRECTION (8/26/20)**

02-68-576741 KRYSTAL KLEANERS  
145 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
Franklin, WI 53132

Phone: (414) 427-1200	DATE: 01/13/2021	Fax: (414) 427-1259
DRAWN BY: NWD	PROJECT NO: 403-001-012-006	B.3.c
REVIEWED BY: RAC		



## MONITORING WELLS

02-68-576741 KRYSTAL KLEANERS  
145 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lover's Lane  
Franklin, WI 53132

Phone: (414) 427-1200

Fax: (414) 427-1259

DRAWN BY: NWD

DATE: 07/19/2021

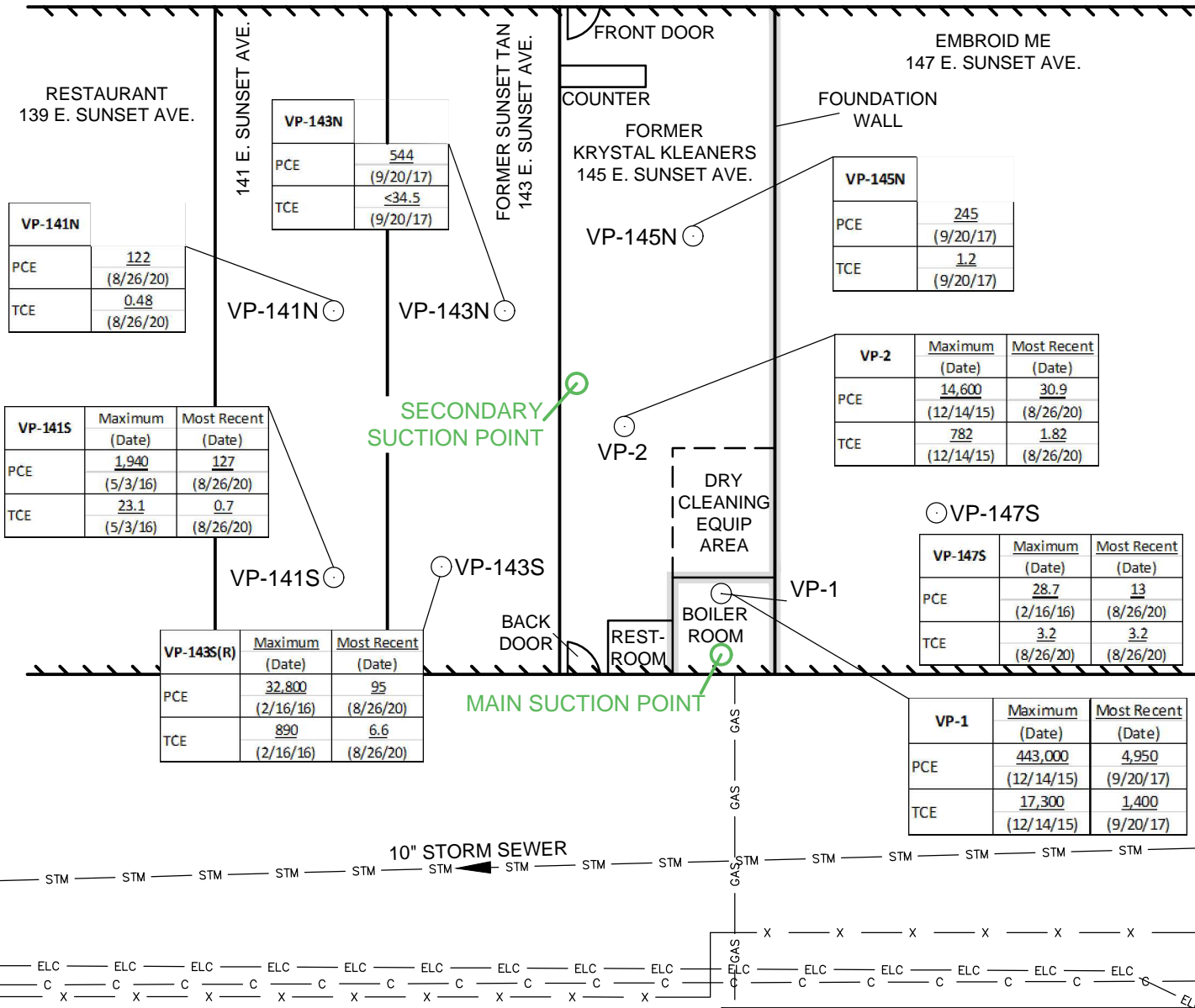
REVIEWED BY: RAC

PROJECT NO: 403-001-010

B.3.d



**EDGE OF BUILDING**  
 — X — FENCE  
 — C — UNDERGROUND COMMUNICATIONS/CONDUIT  
 — ELC — UNDERGROUND ELECTRIC LINE  
 — GAS — GAS LINE  
 ○ SUBSLAB VAPOR SAMPLING POINT LOCATION  
 VAPOR RESULTS REPORTED IN MICROGRAMS PER CUBIC METER (ug/m<sup>3</sup>)



**VP-141N**

PCE	122
	(8/26/20)
TCE	0.48
	(8/26/20)

**VP-143N**

PCE	544
	(9/20/17)
TCE	<34.5
	(9/20/17)

**VP-141S**

	Maximum (Date)	Most Recent (Date)
PCE	1,940 (5/3/16)	127 (8/26/20)
TCE	23.1 (5/3/16)	0.7 (8/26/20)

**VP-143S(R)**

	Maximum (Date)	Most Recent (Date)
PCE	32,800 (2/16/16)	95 (8/26/20)
TCE	890 (2/16/16)	6.6 (8/26/20)

**VP-145N**

PCE	245
	(9/20/17)
TCE	1.2
	(9/20/17)

**VP-2**

	Maximum (Date)	Most Recent (Date)
PCE	14,600 (12/14/15)	30.9 (8/26/20)
TCE	782 (12/14/15)	1.82 (8/26/20)

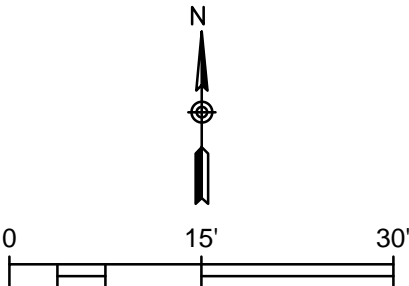
**VP-147S**

	Maximum (Date)	Most Recent (Date)
PCE	28.7 (2/16/16)	13 (8/26/20)
TCE	3.2 (8/26/20)	3.2 (8/26/20)

**VP-1**

	Maximum (Date)	Most Recent (Date)
PCE	443,000 (12/14/15)	4,950 (9/20/17)
TCE	17,300 (12/14/15)	1,400 (9/20/17)

- NOTES:**
- UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.



**SUB-SLAB VAPOR SAMPLE RESULTS (8/26/20)**

02-68-576741 KRystal Kleaners  
 145 E. SUNSET DRIVE  
 WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
 Franklin, WI 53132

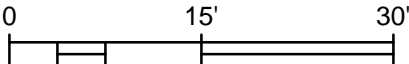
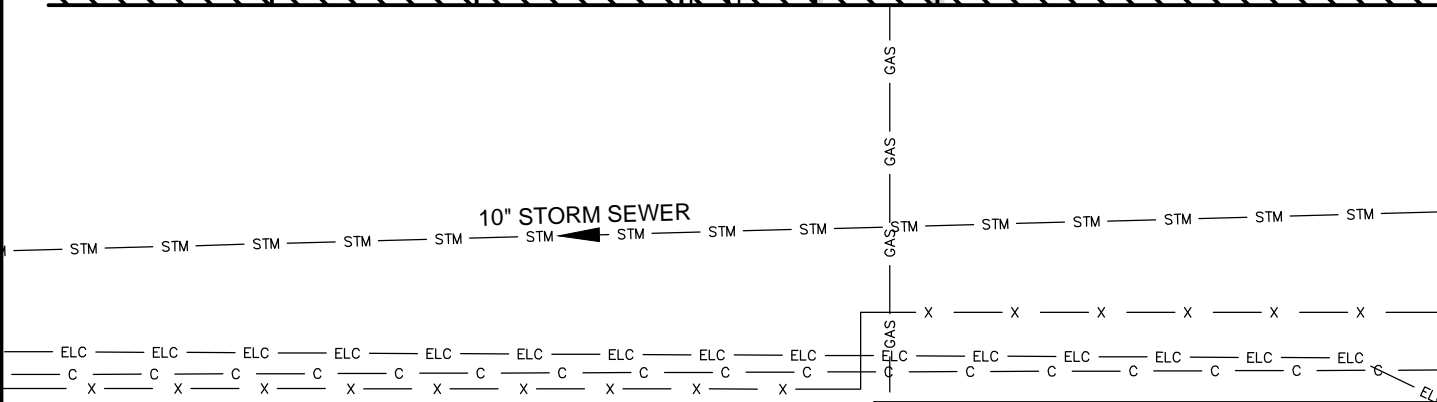
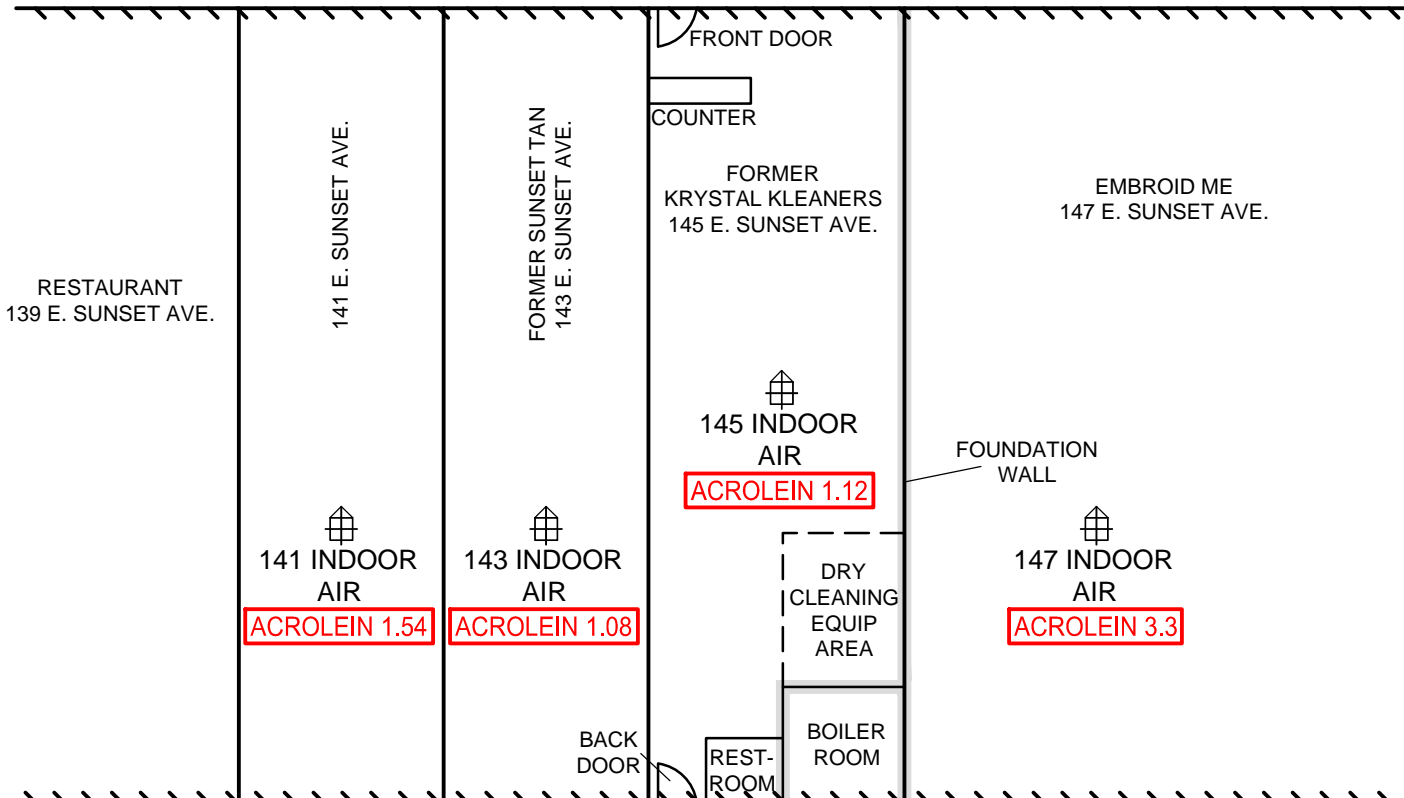
Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: NWD DATE: 09/23/2021  
 REVIEWED BY: RAC PROJECT NO: 403-001-012-006

B.4.a.1

P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\B.4.a.1\_403-001-012-006 Sub-Slab Vapor Sample Results.dwg

**EDGE OF BUILDING**  
**FENCE**  
**UNDERGROUND COMMUNICATIONS/CONDUIT**  
**UNDERGROUND ELECTRIC LINE**  
**GAS LINE**  
**INDOOR AIR SAMPLE**  
**1.54** EXCEEDANCE OF INDOOR AIR VAPOR ACTION LEVEL - SMALL COMMERCIAL  
**ALL RESULTS IN MICROGRAMS PER CUBIC METER (ug/M³)**



- NOTES:**
- UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.

**INDOOR AIR SAMPLE RESULTS**

02-68-576741 KRYSTAL KLEANERS  
145 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186



6871 S. Lovers Lane  
Franklin, WI 53132

Phone: (414) 427-1200 Fax: (414) 427-1259

DRAWN BY: NWD	DATE: 01/13/2021	B.4.a.2
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006	

P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\B.4.a.2\_403-001-012-006 Indoor Air Sample Results.dwg

## **B-4. VAPOR MAPS AND OTHER MEDIA**

### **B.4.B. OTHER MEDIA OF CONCERN**

NO OTHER MEDIA OF CONCERN HAS BEEN IDENTIFIED AT THE SITE.

## **B-4. VAPOR MAPS AND OTHER MEDIA**

B.4.C. OTHER

NOT APPLICABLE

## **B-5. STRUCTURAL IMPEDIMENT PHOTOS**

THE STRUCTURE WAS NOT AN IMPEDIMENT TO THE INVESTIGATION OR REMEDIATION OF THE CONTAMINATION PRESENT.

## **ATTACHMENT C**



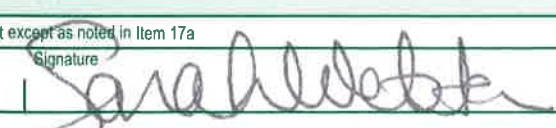
- C.1 Site Investigation Documentation
- C.2.1 Soil Disposal Manifest
- C.2.2 Groundwater Disposal Manifest
- C.3 Site-Specific RCL Description
- C.4 Construction Documentation
- C.5 Decommissioning of Remedial Systems
- C.6 Other

## **C. DOCUMENTATION OF REMEDIAL ACTION**

### C.1 – SITE INVESTIGATION DOCUMENTATION

ALL SITE INVESTIGATION DOCUMENTATION HAS PREVIOUSLY BEEN SUBMITTED TO THE WDNR.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

<b>NON-HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>800-424-9300</b>	4. Waste Tracking Number <b>052416SPT</b>	
5. Generator's Name and Mailing Address <b>Scherf Properties Trust II 131 East Sunset Drive Waukesha WI 53186</b>			Generator's Site Address (if different than mailing address) <b>Att: Don Scherf</b>			
6. Transporter 1 Company Name <b>Badger Disposal of WI, Inc.</b>			U.S. EPA ID Number <b>W I D 9 8 8 5 8 0 0 5 8</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Badger Disposal of WI, Inc. 5611 West Hemlock Street Milwaukee WI 53223</b>			U.S. EPA ID Number <b>W I D 9 8 8 5 8 0 0 5 8</b>			
Facility's Phone: <b>414 760-9175</b>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	
		No.	Type			
1.	<b>Non-regulated material</b>	<b>6</b>	<b>DM</b>	<b>330</b>	<b>G</b>	<b>NONE</b>
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information <b>1)WS045001 Soil Cuttings Emergency Contact: CHEMTREC #CCN708044</b>						
14. <b>GENERATOR'S CERTIFICATION:</b> I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.						
Generator's/Officer's Printed/Typed Name <b>Information for Scherf</b>			Signature 		Month Day Year <b>5 24 16</b>	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Mike Pawasun</b>			Signature 		Month Day Year <b>5 24 16</b>	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)			U.S. EPA ID Number			
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)					Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name <b>Sarah Webster</b>			Signature 		Month Day Year <b>5 24 16</b>	

GENERATOR

INTL

TRANSPORTER

DESIGNATED FACILITY



0341934 585602 1626071



# AZARDOUS MANIFEST

<b>NON-HAZARDOUS MANIFEST</b>	1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1	
3. Generator's Mailing Address: End Point Solutions/Scherf Properties 131 E. Sunset Dr. Waukesha, WI 53186		Generator's Site Address (if different than mailing): Trade Treatment & Recycling 5611 W. Hemlock St Milwaukee, WI 53223 <i>131 E Sunset Dr. Waukesha, WI 53186</i>		
4. Generator's Phone 414-858-1202		A. Manifest Number WMNA T 585602		
5. Transporter 1 Company Name Waste Management of WI Field Services		B. State Generator's ID		
6. US EPA ID Number WID988573648		C. State Transporter's ID 262-509-5641		
7. Transporter 2 Company Name		D. Transporter's Phone		
8. US EPA ID Number		E. State Transporter's ID		
9. Designated Facility Name and Site Address Trade Treatment and Recycling of WI LLC 5611 W. Hemlock St. Milwaukee, WI 53223		F. Transporter's Phone		
10. US EPA ID Number WID988580056		G. State Facility ID		
		H. State Facility Phone 866-271-0961		
GENERATOR	11. Description of Waste Materials		12. Containers	
			No.	Type
	a. Groundwater		1	DM
	WM Profile #		300	P
	b.			
WM Profile #				
c.				
WM Profile #				
d.				
WM Profile #				
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		
		Cell	Level	
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:		EMERGENCY CONTACT
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Tim Fritsch for Scherf</i>		Signature On Behalf of <i>Tim Fritsch on behalf of Scherf</i>		Month Day Year <i>12 20 2017</i>
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials			
	Printed Name <i>Dean Kelley</i>	Signature <i>Dean Kelley</i>	Month <i>12</i>	Day Year <i>20 17</i>
	18. Transporter 2 Acknowledgement of Receipt of Materials			
Printed Name		Signature	Month	Day Year
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.			
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.			
	Printed Name <i>Deise Michalski</i>	Signature <i>Deise Michalski</i>	Month <i>1</i>	Day Year <i>4 18</i>

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY

## **C. DOCUMENTATION OF REMEDIAL ACTION**

### C.3. SITE-SPECIFIC RCL DESCRIPTION

THE U.S. EPA'S REGIONAL SCREENING LEVEL (RSL) WEB-CALCULATOR AND THE RR PROGRAM'S SPREADSHEET OF RCLS  
WAS USED FOR THIS SITE.

C. **DOCUMENTATION OF REMEDIAL ACTION**

C.4. CONSTRUCTION DOCUMENTATION

A REMEDIAL DESIGN AND INSTALLATION RESULTS REPORT FOR THE SUB-SLAB DEPRESSURIZATION SYSTEM WAS SUBMITTED TO THE WDNR ON APRIL 5, 2017.

## **C. DOCUMENTATION OF REMEDIAL ACTION**

### C.5. DECOMMISSIONING OF REMEDIAL SYSTEMS

SUB-SLAB VAPOR MITIGATION SYSTEM WILL REMAIN IN OPERATION. THEREFORE, IT WILL NOT BE DECOMMISSIONED.

## **C. DOCUMENTATION OF REMEDIAL ACTION**

C.6. OTHER

NOT APPLICABLE, NO OTHER REMEDIAL ACTIONS HAVE OCCURED AT THE SITE.

## **ATTACHMENT D**

- D.1 Maintenance Plan - 092221
- D.2.a Site Map
- D.2.b Detailed Site Map
- D.2.c Residual Soil Contamination
- D.2.d Groundwater Isoconcentration
- D.2.e Vapor Intrusion
- D.2.f Site Protection Barrier - 092321
- D.2.g Mitigation System
- D.3 Site Photos
- D.4.a Inspection Log
- D.4.b Inspection Log - 092221

**PROTECTIVE BARRIER AND VAPOR MITIGATION SYSTEM MAINTENANCE AND OPERATION PLAN**  
**September 22, 2021**

**PROPERTY LOCATED AT:**  
**145 EAST SUNSET DRIVE**  
**WAUKESHA, WISCONSIN**

**FID #268280430**  
**WDNR BRRTS #02-68-576741**

**Legal Description:**

The subject property is located in the northwest ¼ of the northwest ¼ of Section 14, Township 06 North, Range 19 East in the City of Waukesha, County of Waukesha, State of Wisconsin. The subject property consists of a single parcel totaling 3.01 acre. The property contains a 31,131 square foot multi-tenant retail center. The location of the subject property is depicted on **Figure D.2.a – Site Map**.

The addresses associated with the subject property include 131 to 159 East Sunset Drive as separate tenant spaces/businesses. The specific address of the business that contains the referenced contamination is 145 East Sunset Drive, Waukesha, Wisconsin.

Tax Key #WAKC1350124  
Parcel ID #1350124

**Introduction**

This document is the maintenance plan for the barrier and associated vapor mitigation system at the above referenced property in accordance with s. NR 724.13(2), Wis. Admin. Code. The maintenance and operation activities relate to the existing barrier/cover and sub-slab depressurization system (SSDS) which addresses or occupies the area over the contaminated groundwater, soil and vapor.

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

- The case file in the (Wisconsin Department of Natural Resources (WDNR) Southeast regional office;
- [BRRTS on the Web](http://dnr.wi.gov/imf/imf.jsp?site=brrts2) (WDNR's internet-based data base of contaminated sites): <http://dnr.wi.gov/imf/imf.jsp?site=brrts2>; 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; and
- The WDNR project manager for the referenced site and/or Waukesha County (presently Mr. James Delwiche).

**D.1 Descriptions:**

**Background**

The subject property consists of a single parcel encompassing 3.01 acres. The property contains a 31,131 square foot multi-tenant retail center.

The addresses associated with the subject property include 131 to 159 East Sunset Drive as separate tenant spaces/businesses. The specific address of the business that contains the referenced contamination is 145 East Sunset Drive, Waukesha, Wisconsin. The site is supplied with municipal water and sanitary sewer services. There are no surface water bodies in close proximity to the site.

Historically the site has been used as a dry-cleaning operation for the most part under the following company names: From 1991-1996, a One Hour Martinizing Dry Cleaning. In 2001-2006 the space was occupied by Martinizing One Hour Cleaners West and from 2006-2010 it became Carriage Cleaners. The site has been most recently occupied by Krystal Kleeners from 2010-2017. A detailed view of the area of contamination is presented on **Figure D.2.b – Detailed Site Map**.

Investigation activities have been completed at the Site over the time period from 2015 to present and have included soil, groundwater and vapor sampling and analysis. Based on the work completed to date, the soil profile at the Site consists primarily of a silty clay fill followed by a tan fine to coarse sand between eight (8) and 12 ft bgs. Groundwater at the site was encountered at approximately seven (7) to eight (8) feet bgs and generally flows in a west southwesterly direction.

### **Description of Contamination**

#### Soil

The extent of soil contamination was delineated and is limited to the unsaturated soils beneath the south end of the 145 East Sunset Drive tenant space and the area surrounding the MW-1 and B-2 locations to the south of the subject property building. The soil contamination does not include any direct-contact exceedances; therefore, the direct-contact pathway is not complete and will not need to be addressed. The soil exceedances are limited to the soil-to-groundwater pathway. The extent of soil impacts exceeding generic groundwater pathway Residual Contaminant Levels (RCLs), is depicted on **Figure D.2.c – Residual Soil Contamination**. The extent of contaminated soil is also currently capped by the existing building or the existing asphalt parking lot.

#### Groundwater

The vertical and horizontal extent of groundwater contamination exceeding Wisconsin Administrative Code (WAC) Chapter NR 140 Enforcement Standards (ESs) and Preventative Action Limits (PALs) for specific VOCs have been defined on the site as shown on **Figure D.2.d – Groundwater Isoconcentration**. Groundwater containing elevated concentrations of VOCs is located at a depth of approximately seven (7) to eight (8) feet below ground surface (bgs). The lateral extent of the plume has been delineated to extend approximately 50 feet west-southwest from the 145 East Sunset Drive tenant space. While the groundwater elevation data indicates a downward vertical gradient, the groundwater sample collected from piezometer PZ-1 did not contain any detections of tetrachloroethene (PCE), trichloroethene (TCE) or their daughter products. The downgradient extent of the groundwater plume does not extend off the Site.

During the most recent groundwater sampling event conducted in April 2021, a PAL exceedance for PCE was detected in the sample collected from monitoring well MW-3, and ES exceedances for TCE and PCE were detected in the groundwater sample collected from MW-6.

#### Vapor

Sub-slab vapor samples were collected from the 141, 143, 145 and 147 East Sunset Drive tenant spaces. The results are as follows:



- 145 East Sunset Drive: Sub-slab vapor samples collected from VP-1 and VP-2 historically contained concentrations of PCE and TCE which exceeded their respective Small Commercial Sub-Slab Regional Screening Levels; however, following the installation and operation of the Sub-Slab Venting System, only the concentration of TCE at the VP-1 location continued to exceed its Small Commercial Sub-Slab Regional Screening Level.
- 143 East Sunset Drive: The original sub-slab vapor sample collected from the 143 East Sunset Drive tenant space contained concentrations of PCE and TCE which exceeded their respective Small Commercial Sub-Slab Regional Screening Levels; however, following the installation and operation of the Sub-Slab Venting System, neither the concentration of PCE or TCE continued to exceed their respective Small Commercial Sub-Slab Regional Screening Levels.

The most recent sub-slab vapor screening results are depicted on **Figure D.2.e – Vapor Intrusion**.

## **PROTECTIVE BARRIERS**

### Description and Purpose of the Protective Barriers/Cover to be Maintained

The concrete slab-on-grade building and the asphalt parking lot to the south of the 145 East Sunset Drive tenant spaces adequately cover the contaminated soil, groundwater and vapor, **Figure D.2.f – Site Protection Barrier**.

The slab-on-grade and paved parking lot will act as a barrier to minimize additional future soil-to-groundwater contaminant migration. Further, it provides a surface seal for the vapor mitigation system installed at the site, to capture and release to the atmosphere any harmful vapors before they can migrate to indoor air spaces and pose a potential health risk.

### Type

The barrier/cover consists of approximately three (3) inches of concrete inside the building (slab on grade). Outside and adjacent to the building, the cover consists of approximately 3 inches of bituminous asphalt. The barrier is expected to function adequately based on the current use of the site unless disturbed. Photographs of the Protective Barrier/Cover System may be found in **Attachment D.3**.

### Inspections

The barrier inside and outside the building should be inspected once a year, in the spring preferably, after all snow and ice is gone and evaluated for deterioration, cracks, displacement, settling or any other potential problems. The inspections will be performed by the property owner or their designated representative. Inspections will be performed to evaluate any damage due to settling, exposure to the weather, wear from traffic, age or other factors. Any areas that show damage in which soils are exposed or likely to become exposed or where infiltration from the surface could occur should be noted, subsequently repaired and documented.

A log of the inspections and repairs will be maintained by the Site owner. An example Inspection and Maintenance Log (WDNR Form 4400-305) is attached as **Attachment D.4.a**. The log will include recommendations for the repair of any areas of damaged cover, including any recommendations for improving Site conditions to avoid future damage to the cover. Once repairs are completed, they will be

documented in the inspection log. A copy of the inspection log will be kept at the address of the Site owner and available for submittal or inspection by the WDNR representatives upon their request.

#### Maintenance Activities

If problems are noted during the annual inspections or at any other time, repairs will be scheduled as soon as practical. The barrier will be restored to meet original conditions. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment (PPE).

The owner must also sample any soil excavated for the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with all applicable local, state and federal law.

The property owner, in order to maintain the integrity of the barrier, will maintain a copy of this Maintenance Plan either at the site or at the property owners address (if there is no acceptable place to keep it at the site). The property owner must make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

### **SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS) at 145 East Sunset Drive**

#### Description and Purpose of the SSDS System

Elevated concentrations of PCE and TCE above their respective Small Commercial Sub-Slab Regional Screening Level were detected beneath the 143 and 145 East Sunset Drive tenant spaces, see **Figure D.2.e - Vapor Intrusion**. Therefore, to address the presence of contaminants a Vapor Mitigation System or SSDS was designed.

The SSDS consists of solvent-glued PVC pipe which penetrates the slab-on-grade in two (2) locations. The layout of the SSDS is depicted on **Figure D.2.g – Mitigation System**. A rubberized latex caulk was utilized to seal the suction pipe penetrations through the slab-on-grade. A RadonAway HS Series fan was installed on the south exterior wall of the building to provide suction to the two (2) penetrations. Photographs of the installed mitigation system may be found in **Attachment D.3**.

#### Inspections

The operation of the SSDS system should be inspected at a minimum quarterly for the first year and once a year thereafter. The inspections are to be performed by the Site owner, informed tenant and/or a designated representative. The inspections will be performed to evaluate the system for proper operation and/or damage due to wear and tear. Any mechanical issues should be noted, repaired and documented accordingly.

A log of the inspections and repairs will be maintained by the Site owner. An example Inspection and Maintenance Log (WDNR Form 4400-321) is attached as **Attachment D.4.b**. The log will include recommendations for the repair of any areas of the SSDS, including any recommendations for improving Site conditions to avoid future damage to the system. Once repairs are completed, they will be

documented in the inspection log. A copy of the inspection log will be kept at the address of the Site owner and is required to be submitted to the WDNR on an annual basis.

The inspection should include at a minimum the following items:

- Check fan to make sure it is operating and listen for any unusual noises or vibrations;
- Verify through a manometer measurement that the system is operating properly. In order to do this properly, the meter should be read from the side of the gauge that is attached to the tubing (fan). The column of water on this side should be higher (indicating a vacuum or suction on the system) than the other side of the gauge (opposite that of the tubing) and should measure at least a 1.0 on the gauge while the fan is operating;
- Assess pipe connections and supports to make sure they are secure;
- Inspect the concrete slab-on-grade around the two (2) vapor suction points/pipes to ensure the pipes are sufficiently sealed to prevent short-circuiting of indoor air into the SSDS.
- Periodically inspect the exterior fan vent to make sure there is no damage or obstructions to the outward flow of air.

#### Maintenance Activities

If problems are noted during the annual inspections or at any other time of the SSDS, repairs will be scheduled as soon as practical. Maintenance actions, can include repairs or replacement of equipment. In the event that maintenance activities are necessary, the owner must inform maintenance workers of the exposure hazards and provide them with the appropriate PPE. The SSDS must be restored to meet original conditions if any repairs are necessary. Any replacement equipment will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor. The Site owner, in order to maintain the integrity of the system will maintain a copy of this Maintenance Plan at the Site and make it available to all interested parties for viewing.

#### Prohibition of Activities and Notification of DNR Prior to Actions Affecting an SSDS

Note, if Site uses or facility layouts change any components or operational abilities of the barrier system or the SSDS as describe herein, the Site 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

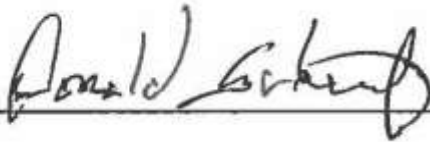
This Maintenance Plan can be amended or withdrawn by the Site owner and its successors with the written approval of the WDNR.

Contact Information

September 22, 2021

Site Owner: Mr. Don Scherf  
1700 Howlett Lane  
Waukesha, WI 53186  
(414) 550-2229

Signature: \_\_\_\_\_

A handwritten signature in black ink, appearing to read "Donald Scherf", is written over a horizontal line.

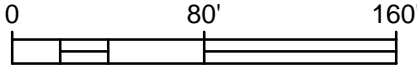
(WDNR may request signature of affected property owners, on a case-by-case basis)

Consultant: Endpoint Solutions Corp/Robert Cigale  
6871 S. Lovers Lane  
Franklin, WI 53132  
(414) 427-1200

WDNR: Mr. Joseph Martinez, Hydrogeologist  
Wisconsin Department of Natural Resources  
1027 West St. Paul Avenue  
Milwaukee, WI 53233  
(414) 218-6042  
[joseph.martinez@wisconsin.gov](mailto:joseph.martinez@wisconsin.gov)













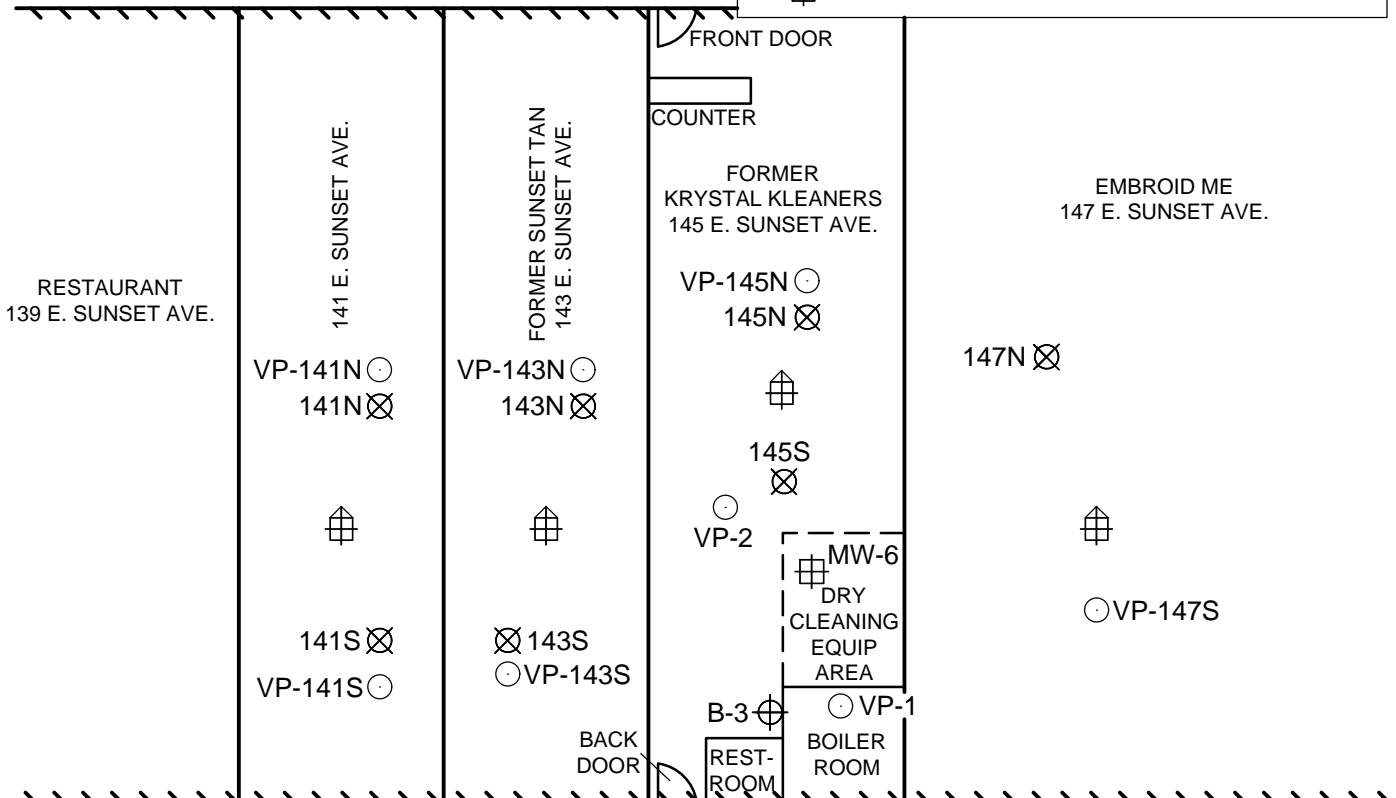
SUBJECT PROPERTY



<h2>SITE MAP</h2>		
131 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b>Endpoint Solutions</b>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 05/16/19	D.2.a
REVIEWED BY: RAC	PROJECT NO: 403-001-010	

⊕ B-1

-  EDGE OF BUILDING
-  FENCE
-  UNDERGROUND COMMUNICATIONS/CONDUIT
-  UNDERGROUND ELECTRIC LINE
-  GAS LINE
-  SOIL & GROUNDWATER SAMPLE LOCATION
-  SHALLOW SOIL SAMPLE LOCATION AND IDENTIFIER
-  SUBSLAB VAPOR SAMPLING POINT LOCATION
-  MONITORING WELL/PIEZOMETER LOCATION
-  INDOOR AIR SAMPLE



P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\02.b\_403-001-012-006 Detailed Site Map.dwg

MW-5

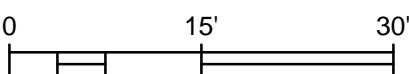
MW-4

⊕ B-2  
MW-1 PZ-1

MW-2

10" STORM SEWER

MW-3



**NOTES:**

1. UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.

# DETAILED SITE MAP

02-68-576741 KRYSTAL KLEANERS  
 145 E. SUNSET DRIVE  
 WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**

6871 S. Lovers Lane  
 Franklin, WI 53132

Phone: (414) 427-1200

Fax: (414) 427-1259

DRAWN BY: NWD

DATE: 07/19/2021

REVIEWED BY: RAC

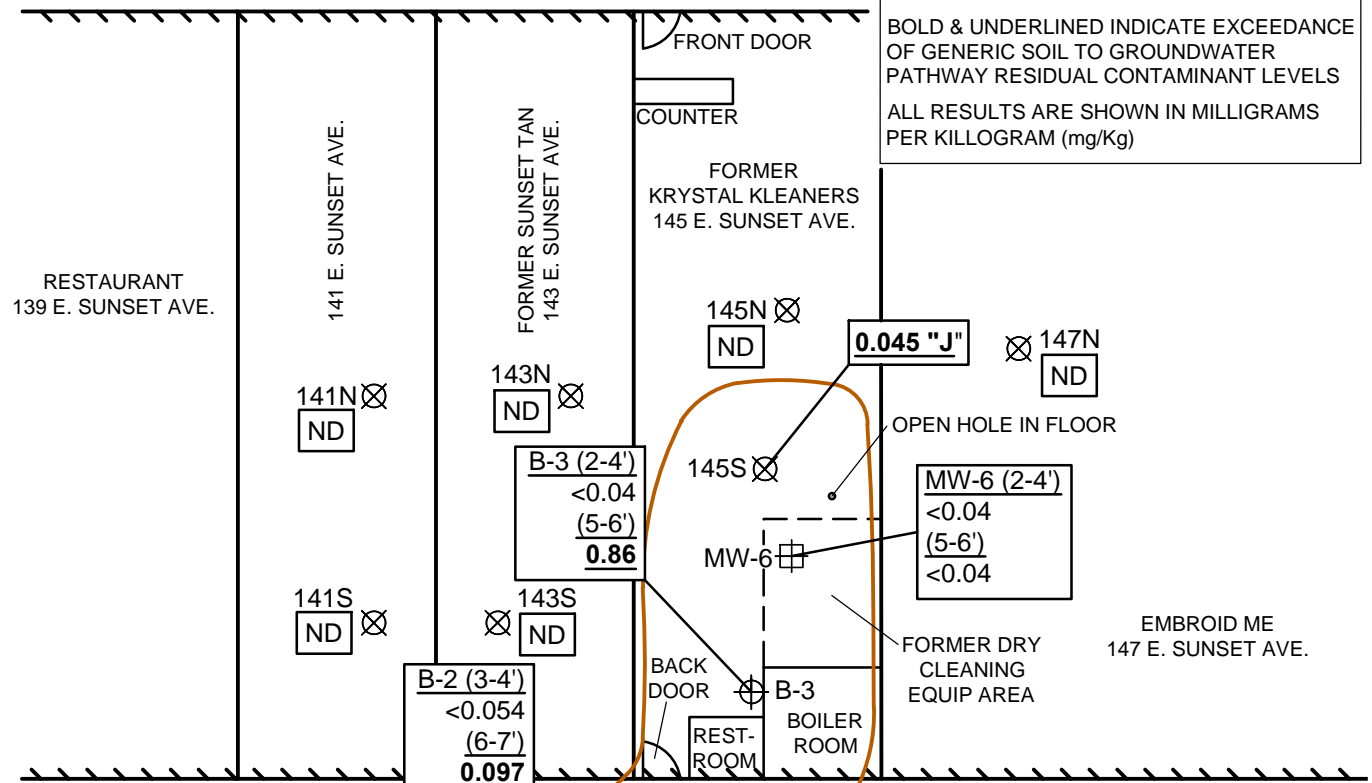
PROJECT NO: 403-001-012-006

D.2.b

EDGE OF BUILDING  
 FENCE  
 SOIL BORING LOCATION  
 SHALLOW SOIL SAMPLE LOCATION AND IDENTIFIER  
 SOIL BORING W/ MONITORING WELL LOCATION

ND = NON-DETECT  
 PCE = TETRACHLOROETHENE  
 J = RESULT IS AN ESTIMATE BETWEEN LIMIT OF DETECTION AND LIMIT OF QUANTITATION

**BOLD & UNDERLINED INDICATE EXCEEDANCE OF GENERIC SOIL TO GROUNDWATER PATHWAY RESIDUAL CONTAMINANT LEVELS**  
 ALL RESULTS ARE SHOWN IN MILLIGRAMS PER KILOGRAM (mg/Kg)



B-1  
 B-1 (3-4')  
 <0.054  
 (6-7')  
 <0.054

145N  
 ND

147N  
 ND

141N  
 ND

143N  
 ND

**0.045 "J"**

141S  
 ND

143S  
 ND

MW-6 (2-4')  
 <0.04  
 (5-6')  
 <0.04

B-3 (2-4')  
 <0.04  
 (5-6')  
**0.86**

B-2 (3-4')  
 <0.054  
 (6-7')  
**0.097**

EMBROID ME  
 147 E. SUNSET AVE.

MW-4 (2-4')  
 <0.054  
 (6-8')  
 <0.054

MW-2 (3-4')  
 <0.054  
 (6-8')  
 <0.054

MW-5 (2-4')  
 <0.054  
 (6-8')  
 <0.054

MW-1 (2-4')  
 <0.054  
 (6-8')  
**0.162 J**

APPROXIMATE EXTENT OF SOILS EXCEEDING SOIL-TO-GROUNDWATER PATHWAY RCLs

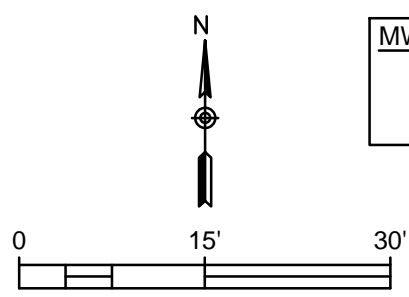
MW-3 (2-3')  
 <0.054  
 (6-8')  
 <0.054

**RESIDUAL SOIL CONTAMINATION**  
 02-68-576741 KRYSTAL KLEANERS  
 145 E. SUNSET DRIVE  
 WAUKESHA, WISCONSIN 53186

**Endpoint Solutions**  
 6871 S. Lovers Lane  
 Franklin, WI 53132

Phone: (414) 427-1200      Fax: (414) 427-1259

DRAWN BY: NWD	DATE: 01/08/2021	D.2.c
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006	



P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\02.c\_403-001-012-006 Residual Soil Contamination.dwg

SOURCE:

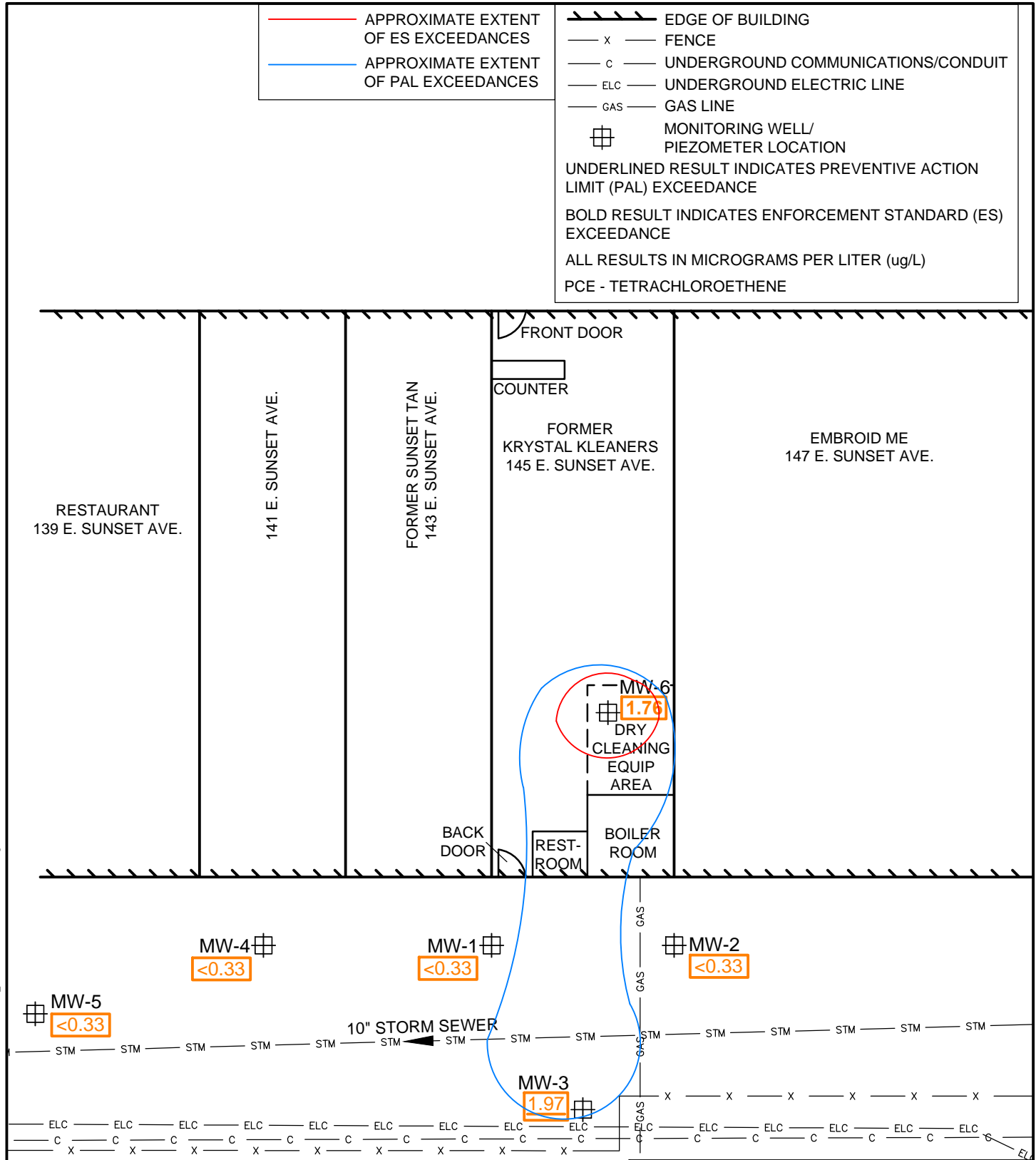
	APPROXIMATE EXTENT OF ES EXCEEDANCES		EDGE OF BUILDING
	APPROXIMATE EXTENT OF PAL EXCEEDANCES		FENCE
			UNDERGROUND COMMUNICATIONS/CONDUIT
			UNDERGROUND ELECTRIC LINE
			GAS LINE
			MONITORING WELL/ PIEZOMETER LOCATION

UNDERLINED RESULT INDICATES PREVENTIVE ACTION LIMIT (PAL) EXCEEDANCE

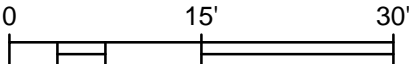
BOLD RESULT INDICATES ENFORCEMENT STANDARD (ES) EXCEEDANCE

ALL RESULTS IN MICROGRAMS PER LITER (ug/L)

PCE - TETRACHLOROETHENE



P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\02.dwg 403-001-012-006 PCE in GW.dwg

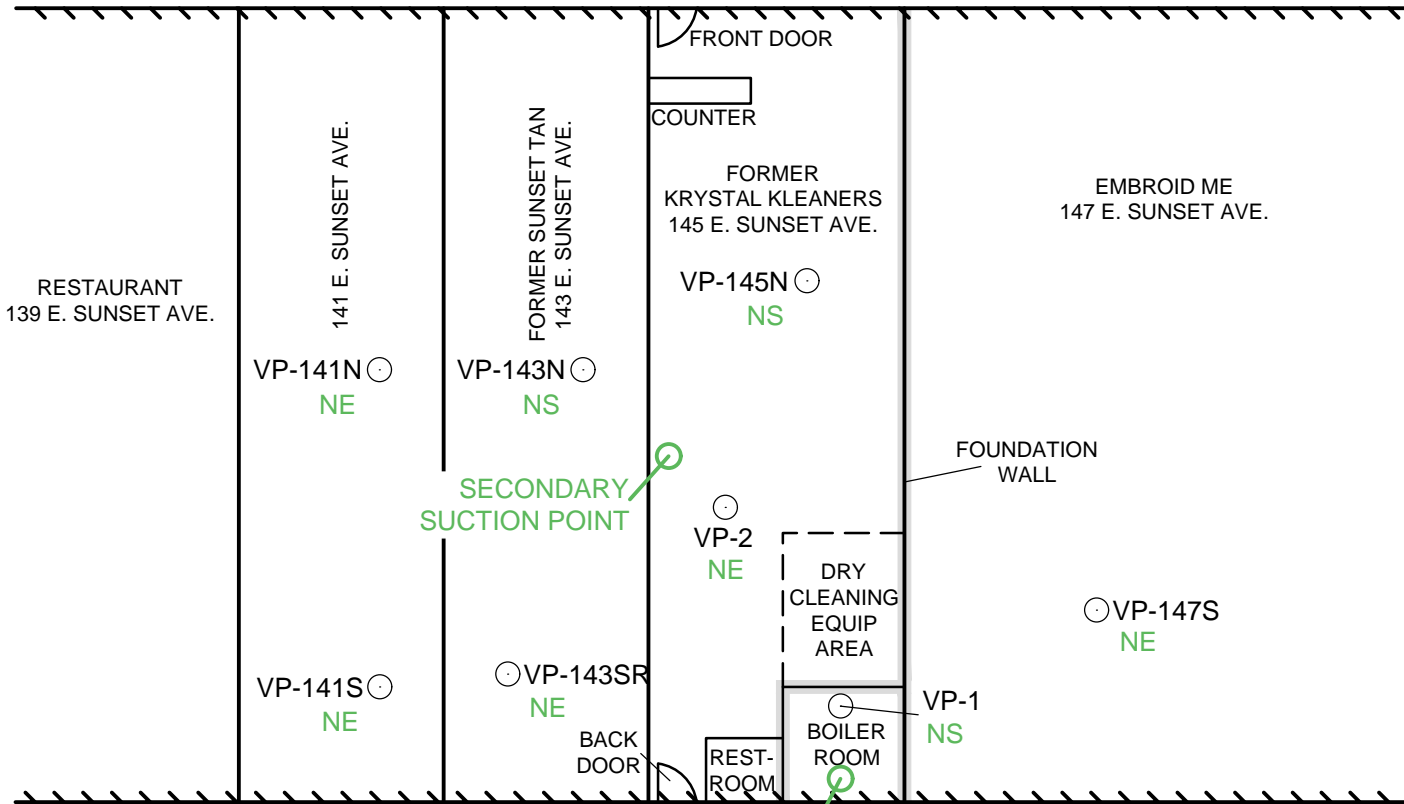


- NOTES:
- UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.

<b>PCE IN GROUNDWATER (8/26/20)</b>		
02-68-576741 KRYSTAL KLEANERS 145 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b>Endpoint Solutions</b>		
6871 S. Lovers Lane Franklin, WI 53132		Fax: (414) 427-1259
Phone: (414) 427-1200	DATE: 07/19/2021	D.2.d
DRAWN BY: NWD	PROJECT NO: 403-001-012-006	
REVIEWED BY: RAC		



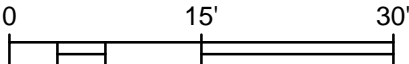
EDGE OF BUILDING  
 — X — FENCE  
 — C — UNDERGROUND COMMUNICATIONS/CONDUIT  
 — ELC — UNDERGROUND ELECTRIC LINE  
 — GAS — GAS LINE  
 ○ SUBSLAB VAPOR SAMPLING POINT LOCATION  
 NE - NO EXCEEDANCES OF SMALL COMMERCIAL SUB-SLAB REGIONAL SCREEING LEVEL  
 NS - NOT SAMPLED  
 NM - NOT MEASURED



SECONDARY SUCTION POINT

MAIN SUCTION POINT

10" STORM SEWER

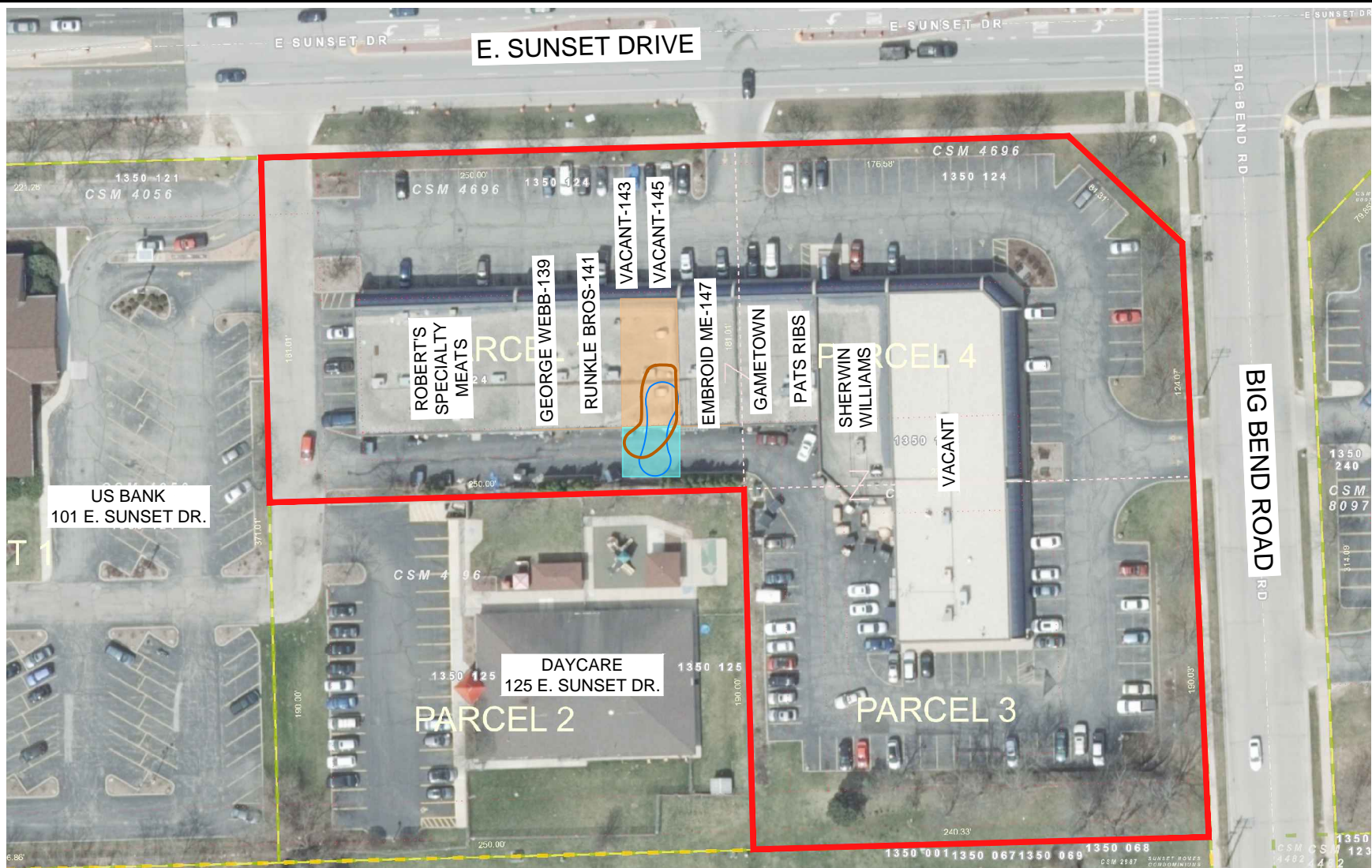


**NOTES:**

1. UNDERGROUND UTILITIES FOR COMMUNICATIONS, ELECTRIC AND GAS FOR THE PROJECT ARE SHOWN APPROXIMATE. STORM SEWER, WATER MAIN AND SANITARY SEWER ARE ALL OUTSIDE THE PROJECT LIMITS TO THE NORTH AND WEST.

<b>VAPOR INTRUSION</b>		
02-68-576741 KRYSTAL KLEANERS 145 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b>Endpoint Solutions</b>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 07/19/2021	D.2.e
REVIEWED BY: RAC	PROJECT NO: 403-001-012-006	

P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-012-006 Closure Revisions\02\_e\_403-001-012-006 Vapor Intrusion.dwg



US BANK  
101 E. SUNSET DR.

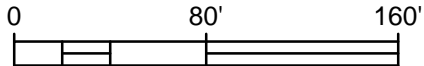
DAYCARE  
125 E. SUNSET DR.

PARCEL 2

PARCEL 3

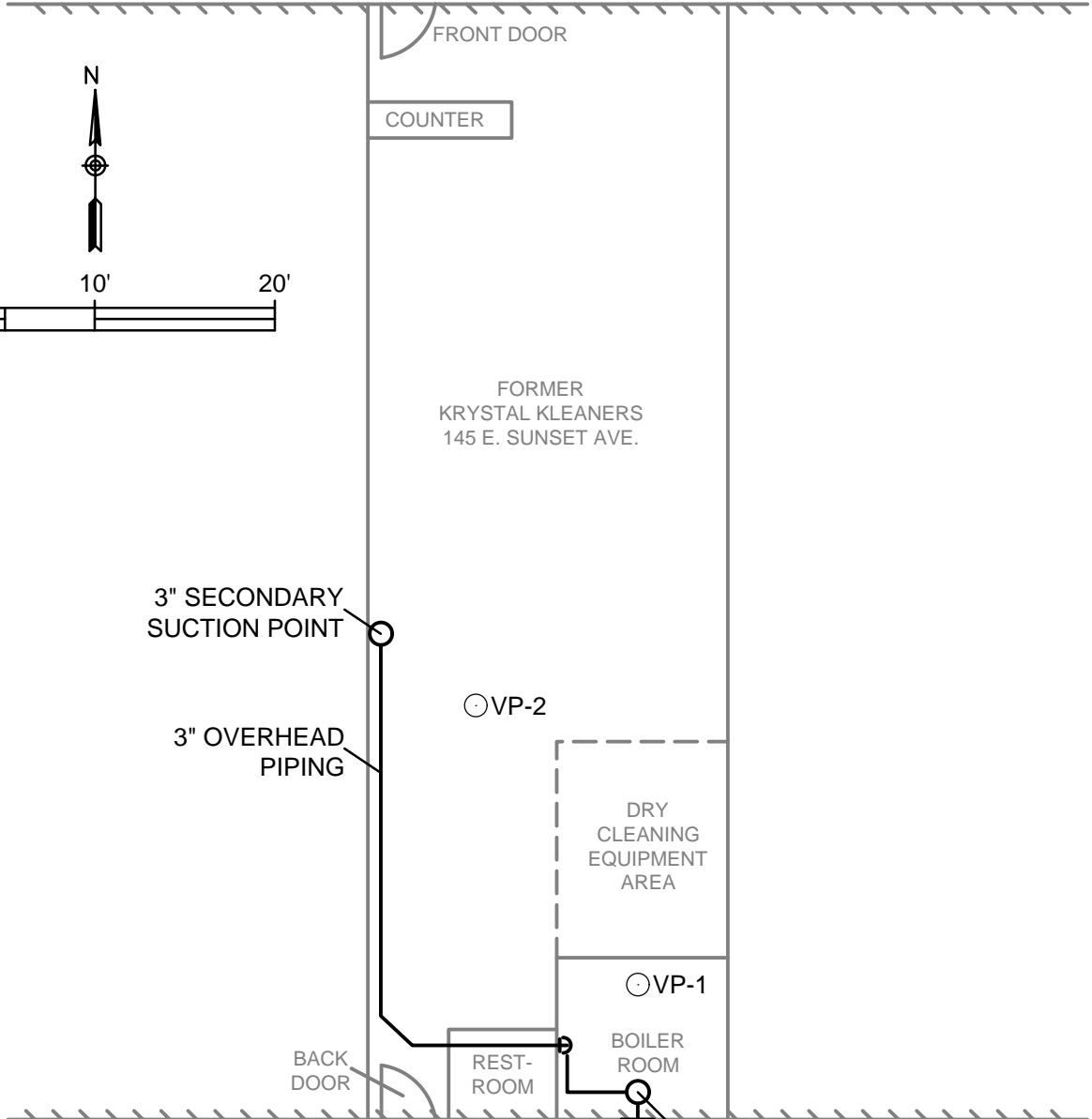
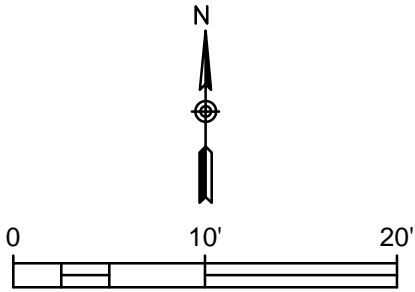
PARCEL 4

- SUBJECT PROPERTY
- BUILDING CONCRETE SLAB-ON-GRADE BARRIER
- PAVEMENT BARRIER



<b>SITE PROTECTION BARRIER</b>		
02-68-576741 KRystal KLEANERS 145 E. SUNSET DRIVE WAUKESHA, WISCONSIN 53186		
<b><i>Endpoint Solutions</i></b>		
6871 S. Lovers Lane Franklin, WI 53132		
Phone: (414) 427-1200		Fax: (414) 427-1259
DRAWN BY: NWD	DATE: 09/23/2021	D.2.f
REVIEWED BY: RAC	PROJECT NO: 403-001-010	

⊕ B-1



⊕ B-2

EDGE OF BUILDING  
 SOIL & GROUNDWATER SAMPLE LOCATION  
 SUBSLAB VAPOR SAMPLING POINT LOCATION  
**NOTE:**  
 INTERIOR FEATURES NOT TO SCALE BUT LOCATED BASED ON BEST ESTIMATE.

### SUB-SLAB MITIGATION SYSTEM

131 E. SUNSET DRIVE  
WAUKESHA, WISCONSIN 53186

## Endpoint Solutions

6871 S. Lover's Lane  
Franklin, WI 53132

Phone: (414) 427-1200

Fax: (414) 427-1259

DRAWN BY: NWD

DATE: 05/16/19

REVIEWED BY: RAC

PROJECT NO: 403-001-010

D.2.g

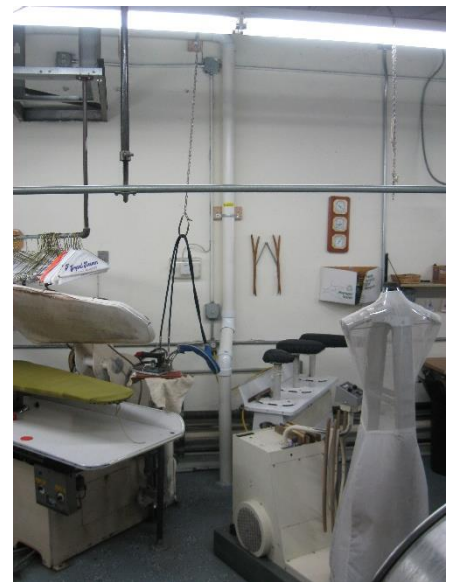
P:\Scherf Properties - 403\001 - 131 East Sunset Drive\CAD\001-010 Closure Figures\D.2.g\_403-001-010 Mitigation System.dwg

SOURCE:



1. 3" secondary suction pipe penetration.

2. 3" secondary suction pipe routing.



3. 3" secondary suction pipe overhead routing.

**D.3 - SITE PHOTOGRAPHS**

145 E SUNSET DRIVE

WAUKESHA, WI 53186

PROJECT NO:  
403-001-006

**Endpoint**



4. 3" secondary suction pipe overhead routing.

5. Manometer on 3" main suction pipe after fan install.



6. Exterior fan installation.

**D.3 - SITE PHOTOGRAPHS**

145 EAST SUNSET DRIVE

WAUKESHA, WISCONSIN 53186

PROJECT NO:  
403-001-006

**Endpoint**

8/22/2018

Waukesha, Wisconsin - Google Maps



10. South side of building looking East. The back door of Krystal Kleeners (on left) and asphalt protective barrier with MW-1, PZ-1 (foreground), MW2 (right) and MW-2 (in background).

8/22/2018

Waukesha, Wisconsin - Google Maps



11. Protective barrier of asphalt in parking lot. MW-1 and PZ-1 outside the back door of Krystal Kleeners.

**D.3 - SITE PHOTOGRAPHS**

145 EAST SUNSET DRIVE

WAUKESHA, WISCONSIN 53186

PROJECT NO:  
403-001-006

**Endpoint**

**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 Open 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 <b>Krystal Kleeners</b>	BRRTS No. <b>02-68-576741</b>
-------------------------------------------------	----------------------------------

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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <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 type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N

{Click to Add/Edit Image}

Date added:

Title:

{Click to Add/Edit Image}

Date added:

Title:



**Notice:** 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 vapor-related 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.].

**Directions:** This form was developed to provide the results of a site inspection of a vapor related continuing obligation, typically a vapor mitigation system. 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. The closure letter may be found in the database, [BRRTS on the Web](#), by searching for the site using the BRRTS ID number, and then looking in the "Action" section, for code 56.

Activity (Site) Name: Krystal Kleaners

BRRTS No. 02-68-576741

Date of Inspection: \_\_\_\_\_


When submittal of this form is required, submit an electronic version or a scanned copy of this completed form to the [RR Submittal Portal](#).


**HOW TO USE THIS FORM**


The Activity (Site) Name, BRRTS No. and Date of Inspection entered below will auto-populate the table. Complete only the applicable rows/components. Check "Not Applicable" for components that do not apply. For example, if there is no sump sealed and vented as part of the system, check "Not Applicable" in the "NOTES" section for that component.

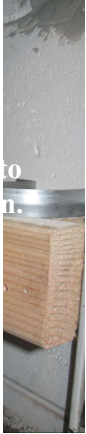
**Multiple components:** For systems with multiple components (e.g., two manometers or two fans), add an additional row for that component by clicking the "+" (plus) symbol at the end of the row. After a system component row is added, a "-" (minus) symbol is shown so the added row may be deleted.

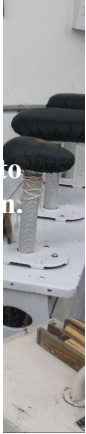
**Photos:** Click on the placeholder photo shown in each row to replace it with your own site-specific photo. Site-specific photos are optional but strongly recommended. Enter specific details and observations within the "NOTES" section to assist the DNR in understanding status of the system components.

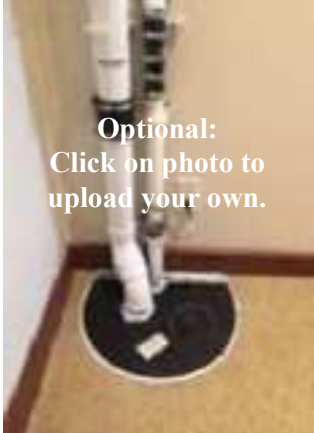
SYSTEM COMPONENT		WHAT DO I CHECK?	WHAT SHOULD I SEE?	DATE:
NAME	WHAT DOES IT DO?			WHAT TO FIX?
<b>Manometer or Differential Pressure Gauge</b>	Measures differential pressure between vacuum side of vent pipe and indoor space.  This measurement confirms there is a vacuum being pulled by the fan.	Liquid Level on Manometer or Gauge	Liquid level in manometer should be offset (not level with each other).	A change in liquid level indicates a change in the vacuum below foundation. This could be caused by failure of fan, blockage of vent pipe, change in water level below building, or other conditions.  Hire a professional to identify cause and repair if needed.
PHOTO		<b>NOTES:</b> (Record the reading on the gauge. Identify specific building and location description:) <input type="checkbox"/> Not Applicable		
				


SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p><b>Manometer or Differential Pressure Gauge</b></p>	<p>Measures differential pressure between vacuum side of vent pipe and indoor space.</p> <p>This measurement confirms there is a vacuum being pulled by the fan.</p>	<p>Liquid Level on Manometer or Gauge</p>	<p>Liquid level in manometer should be offset (not level with each other).</p>	<p>A change in liquid level indicates a change in the vacuum below foundation. This could be caused by failure of fan, blockage of vent pipe, change in water level below building, or other conditions.</p> <p>Hire a professional to identify cause and repair if needed.</p>
<p>PHOTO</p> 			<p><b>NOTES:</b> (Record the reading on the gauge. Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	


SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p style="text-align: center;"><b>Fan</b></p>	<p>Fan creates a vacuum and lowers pressure below foundation.</p> <p>The fan also removes soil gases from below foundation for discharge to atmosphere.</p>	<p>Fan Operation Fan Location  Motor Noise</p>	<p>Fan is on. Fan mounted outside &amp; secure. Fan motor is quiet (loud motor may indicate problem).</p>	<p>Replace the fan immediately once the fan stops running. Fans typically run for 10-20 years, but it may be less. Replacement fan to have similar specifications as original with respect to flow and vacuum. After a fan is replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.</p> <p><b>Original Fan Make and Model:</b></p>
<p>PHOTO</p> 			<p><b>NOTES:</b> (Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	

SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p><b>Suction Drop Point w/ Vent Pipe</b></p>	<p><b>Suction Point</b> : Soil gases are collected in a void space below the foundation, and tight seal prevents soil gas from getting inside the home.  <b>Vent Pipe</b>: Pipe conveys the vacuum from the fan, and collects soil gases for discharge to the atmosphere.</p>	<p>Suction Point Seal  Vent Pipe Condition</p>	<p>Seal is air tight around pipe penetration.  Vent pipe is connected to fan, has not cracked.</p>	<p>Suction point seal or vent pipe may need to be sealed or replaced if cracks or leaks appear.  If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.</p>
<p>PHOTO</p> 			<p><b>NOTES:</b> (Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	


SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p><b>Suction Drop Point w/ Vent Pipe</b></p>	<p><b>Suction Point</b> : Soil gases are collected in a void space below the foundation, and tight seal prevents soil gas from getting inside the home.  <b>Vent Pipe</b>: Pipe conveys the vacuum from the fan, and collects soil gases for discharge to the atmosphere.</p>	<p>Suction Point Seal  Vent Pipe Condition</p>	<p>Seal is air tight around pipe penetration.  Vent pipe is connected to fan, has not cracked.</p>	<p>Suction point seal or vent pipe may need to be sealed or replaced if cracks or leaks appear.  If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.</p>
<p>PHOTO</p> 			<p><b>NOTES:</b> (Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	

SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<p><b>Sealed Sump w/Vent Pipe</b></p>	<p><b>Sump Cover:</b> Soil gases are collected in sump and the cover prevents soil gas from getting inside home.</p> <p><b>Vent Pipe:</b> Pipe transports the soil gas from the sump for discharge to the atmosphere.</p>	<p>Suction Point Seal</p> <p>Vent Pipe Seal Condition</p>	<p>Seal is airtight to floor.</p> <p>Vent pipe is connected to the sump cover and is not cracked.</p>	<p>Sump cover or vent pipe may need to be sealed or replaced if cracks or leaks appear.</p> <p>If any piping or sealing of the system is altered or replaced, the system should be evaluated by a plumber or a mitigation professional to verify effectiveness, which includes pressure readings.</p>
<p>PHOTO</p>  <p>Optional: Click on photo to upload your own.</p>			<p><b>NOTES:</b> (Identify specific building and location description:)</p> <p><input checked="" type="checkbox"/> Not Applicable</p>	

SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
<b>Outdoor Vent Pipe</b>	Pipe transports the soil gas from beneath the foundation for discharge to the atmosphere.	Vent Pipe Condition  Vent Pipe Location	Vent pipe remains connected to fan. End of pipe free from obstructions. The exhaust is more than 15 feet from windows or air intakes.	Vent pipe may require replacement, or cleaning to remove ice or debris. If any piping or sealing of the system is altered or replaced, the system should be evaluated by a mitigation professional to verify effectiveness, which includes pressure readings.
PHOTO  			<b>NOTES:</b> (Identify specific building and location description:) <input type="checkbox"/> Not Applicable	

SYSTEM COMPONENT		WHAT DO I CHECK?	WHAT SHOULD I SEE?	DATE:
NAME	WHAT DOES IT DO?			WHAT TO FIX?
<b>Foundation Floor</b>	Foundation is a barrier that minimizes soil gas entry into building, and helps fan to work efficiently.	Foundation Condition  Foundation Footprint	No penetrating cracks or holes in foundation.  Check if there have been alterations or additions to building or footprint.	Seal cracks or other penetrations as you would to prevent water from entering.  If building floor plan has changed, notify DNR and contact a mitigation professional to evaluate if modifications to the vapor mitigation system are necessary.
PHOTO			<b>NOTES:</b> (Identify specific building and location description:)	
 <p>Optional: Click on photo to upload your own.</p>			<input type="checkbox"/> Not Applicable	



SYSTEM COMPONENT				DATE:
NAME	WHAT DOES IT DO?	WHAT DO I CHECK?	WHAT SHOULD I SEE?	WHAT TO FIX?
Sub Slab Vapor Port	This is a sample port to measure vacuum or take sample of soil gas if needed. It needs to remain sealed when not in use to prevent soil gas entry into the home.	Port Seal/Cap  Port Condition	If able to measure the vacuum with a micromanometer, the pressure differential should be at least 0.004 inches of H <sub>2</sub> O or at least one Pascal.  Port is sealed and capped when not in use.	Repair or replace the seal and cover as needed.  Permanently seal hole if sample port is ever removed.
<p>PHOTO</p>  <p>Optional: Click on photo to upload your own.</p>			<p><b>NOTES:</b> (If taken, record the pressure differential reading. Identify specific building and location description:)</p> <p><input type="checkbox"/> Not Applicable</p>	

**ATTACHMENT E**

E Monitoring Wells

## **E. MONITORING WELLS**

ALL MONITORING WELLS HAVE BEEN LOCATED AND WILL BE PROPERLY ABANDONED UPON THE DNR GRANTING  
CONDITIONAL CLOSURE OF THE SITE.

## **ATTACHMENT F**

- F.1 Deed
- F.2 Certified Survey Map
- F.3 Zoning Map
- F.4 Sign Statement



WC3391789-002

000118 JUN 28

STATE BAR OF WISCONSIN FORM 1 - 1999  
WARRANTY DEED

3391789  
REGISTER'S OFFICE  
WAUKESHA COUNTY, WI  
RECORDED ON

06-02-2006 9:05 AM  
MICHAEL J. HASLINGER  
REGISTER OF DEEDS

REC. FEE: 6.00  
REC. FEE-CO: 5.00  
REC. FEE-ST: 2.00  
TRAN. FEE: 2565.00  
TRAN. FEE-STAT: 10260.0  
PAGES: 2

This Deed, made between SUNSET FIELDS LLC, a Wisconsin limited liability company

Grantor, and SCHERF PROPERTIES TRUST II dated 7/17/92

Grantee.  
Grantor, for a valuable consideration, conveys and warrants to Grantee the following described real estate in Waukesha County, State of Wisconsin (if more space is needed, please attach addendum):

Parcels One (1), Three (3) and Four (4) of CERTIFIED SURVEY MAP NO. 4696, being a Re-division of Lot Two (2) of Certified Survey Map No. 4056, being a part of the Northwest One-quarter (1/4) of the Northwest One-quarter (1/4) of Section Fourteen (14), in Township Six (6) North, Range Nineteen (19) East, in the City of Waukesha, County of Waukesha, State of Wisconsin, recorded in the Office of the Register of Deeds for Waukesha County on April 19, 1985 in Volume 38 of Certified Survey Maps on Page 13, as Document No. 1293018.

Recording Area  
Name and Return Address  
Attorney John Remmers  
Cramer, Multhaupt & Hammes, LLP  
1601 East Racine Avenue  
Waukesha, WI 53186

WAKC 1350-124  
Parcel Identification Number (PIN)  
This is not homestead property.

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except See attached Exhibit A

Dated this 26 day of May, 2006

TRANSFER  
\$ 12,825.00  
FEE

SUNSET FIELDS LLC  
*Michael L. Green*  
\* Michael L. Green, Member

20  
13  
2

AUTHENTICATION

Signature(s) \_\_\_\_\_  
authenticated this \_\_\_\_\_ day of \_\_\_\_\_

ACKNOWLEDGMENT

STATE OF Wisconsin )  
 ) ss.  
Milwaukee County )  
Personally came before me this \_\_\_\_\_ day of May, 2006 the above named Michael L. Green, a member of Sunset Fields LLC, a Wisconsin limited liability company

TITLE: MEMBER STATE BAR OF WISCONSIN  
(If not, \_\_\_\_\_  
authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY  
Attorney Frederick R. Croen

to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

*Diane Bennett*  
Notary Public, State of Wisconsin  
My Commission is permanent. (If not, state expiration date: August 9, 2009)

(Signatures may be authenticated or acknowledged. Both are not necessary.)

\* Names of persons signing in any capacity must be typed or printed below their signature.

WARRANTY DEED

STATE BAR OF WISCONSIN  
FORM No. 1 - 1999

Information Professionals Company, Fond du Lac, WI  
DIANE BENNETT  
Notary Public  
State of Wisconsin

13

000119 JUN-28

**EXHIBIT A**

**TO WARRANTY DEED**

**GRANTOR:** SUNSET FIELD LLC, a Wisconsin Limited Liability Company

**GRANTEE:** SCHERF PROPERTIES TRUST II dated 7/17/92

**The following constitute additional exceptions to Grantor's warranty:**

municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes levied in the year of closing, and

No access limits to East Sunset Drive and Big Bend Road as shown on the recorded Plat of Certified Survey Map No. 4696.

Access restriction as noted on the recorded plat of Certified Survey Map No. 4696, reciting as follows:

"Parcel 4 restricted to 240 feet west of C/L of Big Bend Road"

"Parcel 4 restricted to 150 feet South of C/L of Sunset Drive"

Restriction noted on the recorded plat of Certified Survey Map No. 4696, providing as follows:

"No buildings or fences shall be constructed in easements. No trees or bushes which grow to more than four feet in height shall be planted within said easements shown on plat without approval by the City of Waukesha Engineering Department."

Easement recorded on July 20, 1981 in Reel 461, Image 207 as Document No. 1162856.

Easement Agreement recorded on August 25, 1980 in Reel 419, Image 1081 as Document No. 1135129.

Easement Agreement recorded April 19, 1985 on Reel 667, Image 865 as Document No. 1293071.

Consent to Granting of Easement recorded April 19, 1985 in Reel 667, Image 869 as Document No. 1293072.

Easement recorded on October 7, 1987 in Reel 945, Image 451 as Document No. 1451017.

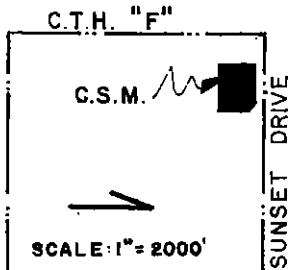
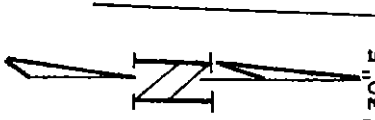
Access restriction to Sunset Drive and Big Bend Road as contained in a Quit Claim Deed recorded February 16, 1971 in Volume 1219 Page 185 as Document No. 778461

Encroachment of 1 story building onto the easement areas set forth at No. 9, 12, and 19 in Schedule B as shown on Plat of Survey prepared by McClure Engineering Associates, Inc., under a date of September 6, 2001 as Job No. 08-13-01-155.



1293018

N.W. COR. SEC. 14-6-19



LOCATION MAP  
NW 1/4, SEC. 14-6-19

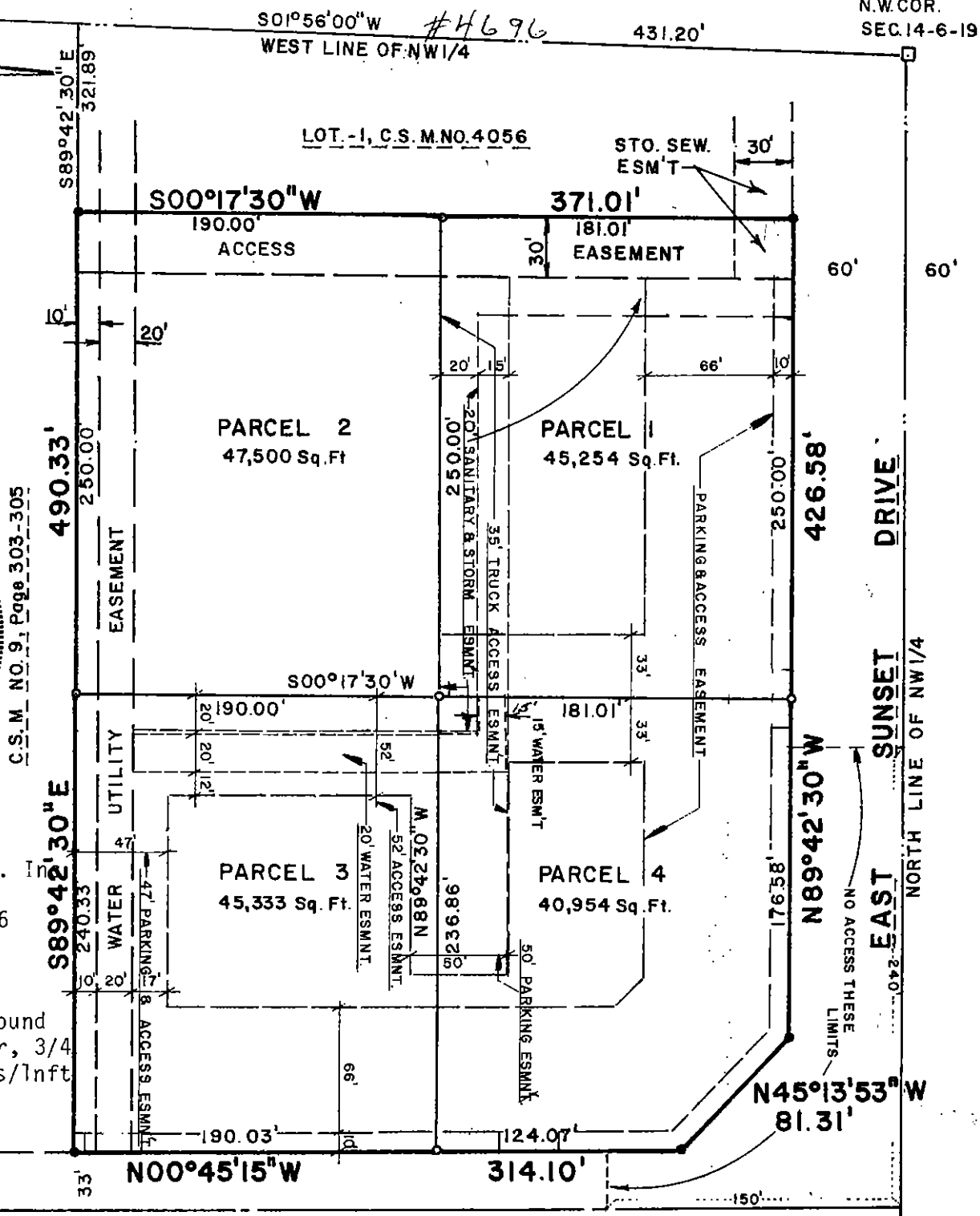


2nd March, 1985  
Revised 25th, March, 1985

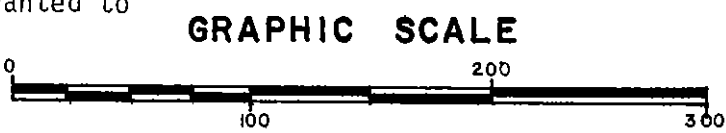
PREPARED BY:  
American Surveying Co. Inc.  
11931 Hwy. "K"  
Franksville, WI. 53126  
(414) 835-4774

Revised 9th, April, 1985

LEGEND:  
● - denotes Iron Pipe Found  
o - denotes No. 6 Re-bar, 3/4 dia, 24' Long, 1.50 lbs/1ft w/cap



NOTE: Sanitary, Storm Sewer and Watermain Easements granted to the City of Waukesha.



SCALE: 1" = 80'

CERTIFIED SURVEY MAP NO. 4696

Being a Re-division of Lot No. 2 of Certified Survey Map No. 4056, Being a part of the Northwest 1/4 of the Northwest 1/4 of Section 14, Town 6 North, Range 19 East, in the City of Waukesha, County of Waukesha, State of Wisconsin.

RESTRICTION:

Parcel 4 restricted to 240 feet West of C/L of Big Bend Road.  
Parcel 4 restricted to 150 feet South of C/L of Sunset Drive.

No buildings or fences shall be constructed in Easements: No trees or bushes which grow to more than four feet in height shall be planted within said easements shown on plat without approval by the City of Waukesha Engineering Department

City of Waukesha, County of Waukesha, Wisconsin.

SURVEYOR'S CERTIFICATE:

I, Pete L. Bailey, Registered Land Surveyor, hereby certify:

That I have surveyed, divided and mapped a tract of land, located in the Northwest 1/4 of the Northwest 1/4 of Section 14, Town 6 North, Range 19 East, in the City of Waukesha, County of Waukesha, State of Wisconsin. Commence at the Northwest corner of said Section; thence S 01°56'00" W, along the West line of said 1/4 Section, 431.20 feet to a point; thence S 89°42'30" E, 321.89 feet to the point of beginning; thence continuing S 89° 42'30" E, 490.33 feet to a point; thence N 00°45'15" W, 314.10 feet to a point; thence N 45°13'53" W, 81.31 feet to a point; thence N 89°42'30" W, 426.58 feet to a point; thence S 00°17'30" W, 371.01 feet to the point of beginning.

Contains 179,040 Sq. Ft.

That I have made such survey, land-division and map by the direction of the owners of said lands.

That such map is a correct representation of all the exterior boundaries of the land surveyed and the subdivision thereof made.

That I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and the regulations of the City of Waukesha is surveying, dividing and mapping the same.



Pete L. Bailey  
Pete L. Bailey, RLS No. 1398  
Dated this 2nd day of March, 1985.  
*Revised 25th, March, 1985*

OWNER'S CERTIFICATE OF DEDICATION:

As owners, We hereby certify that we caused the land described on this map to be surveyed, divided, mapped and dedicated as represented on this map. We also certify that this map is required by s 236.10 or s 236.12 to be submitted to the following for approval or objection: City of Waukesha.

WITNESS the hand and seal of said owners this 11 day of April, 1984.

In Presence of:

Brian R. Pardon  
Witness

Jerome D. Schwelling (Seal)  
Jerome D. Schwelling

Brian R. Pardon  
Witness

Barbara Multhauf (Seal)  
Barbara Multhauf

STATE OF WISCONSIN)  
Waukesha COUNTY) SS

Personally came before me this 11<sup>th</sup> day of April, 1985, the above named JEROME D. SCHWELLINGER and BARBARA MULTHAUF to me known to the persons who executed the foregoing instrument and acknowledge the same.

James H. Hammer  
Notary Public, Waukesha, Wisconsin.  
My commission expires PERMANENT.





CERTIFIED SURVEY MAP \_\_\_\_\_

City of Waukesha, County of Waukesha, Wisconsin

CONSENT OF CORPORATE MORTGAGEE:

WAUKESHA STATE BANK, a corporation duly organized and existing under and by the virtue of the laws of the State of Wisconsin, mortgagee of the above described land, does hereby consent to the surveying, dividing, mapping and dedication of the land described on this map, and does thereby consent to the above certificate of JEROME D. SCHWELLINGER and BARBARA MULTHAUF, owners.

IN WITNESS WHEREOF, the said WAUKESHA STATE BANK has caused these present to be signed by Don L. Taylor, its President and countersigned by John R. Pugh, its Cashier, at Waukesha, Wisconsin, and its corporate seal to be hereunto affixed this 16th day of April, 1985.

In presence of:

[Signature]  
DON L. TAYLOR, President

[Signature]  
JOHN R. PUGH, Cashier

STATE OF WISCONSIN)  
Waukesha COUNTY)

Personally came before me this 16th day of April, 1985, DON L. TAYLOR, President and JOHN R. PUGH, Cashier, of the above name corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Cashier of said corporation, and acknowledged that they executed the foregoing instrument as such officers as deed of said corporation, by its authority.

[Signature]  
Notary Public, Waukesha Wisconsin.  
My commission expires 7-28-85

PLAN COMMISSION APPROVAL:

APPROVED by the Plan Commission of the City of Waukesha on this 13th day of MARCH 1985.

[Signature]  
Paul Keenan, Chairman

[Signature]  
Frank Hedcock, Secretary

COMMON COUNCIL APPROVAL:

APPROVED by the Common Council of the City of Waukesha on this 19th day of MARCH, 1985.

[Signature]  
Paul Keenan, Mayor

[Signature]  
Ruth Goetz, City Clerk

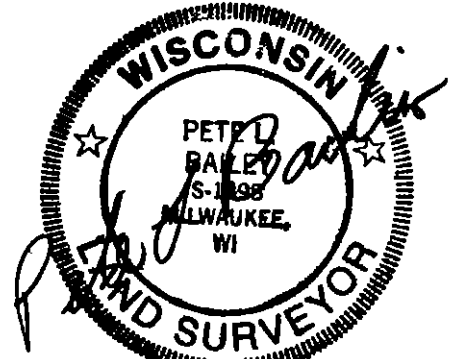
This instrument was drafted by Pete L. Bailey

REGISTER'S OFFICE) No. 1293018

Waukesha Co. Wis. ) No. \_\_\_\_\_

RECEIVED FOR RECORD THE 19th DAY  
April, A. D. 1985 AT 9:49

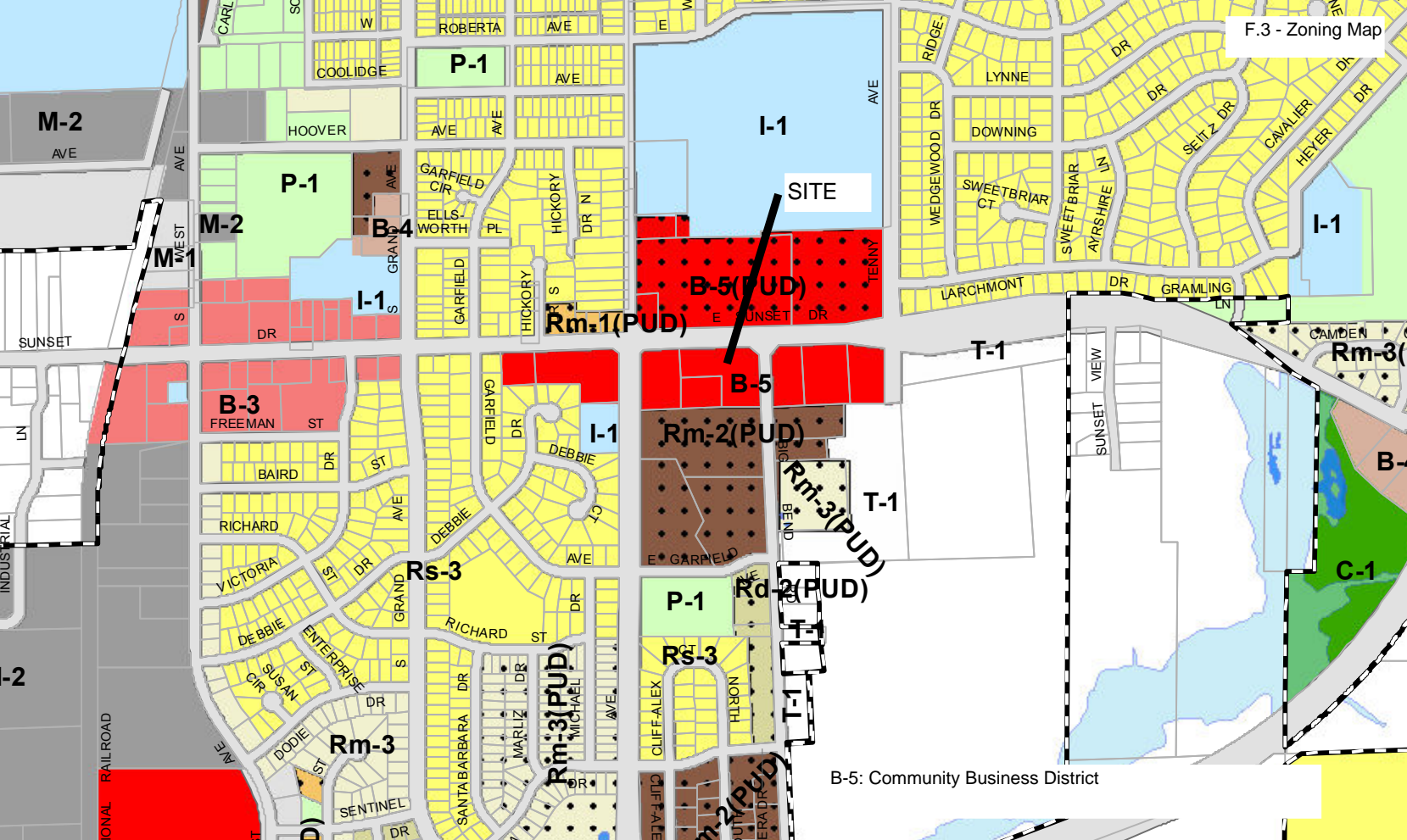
CLOCK A.M. & RECORDED IN Vol. 38  
OF C8 m FOR Page 13-14-15



16th, April, 1985

pp  
8-00

15

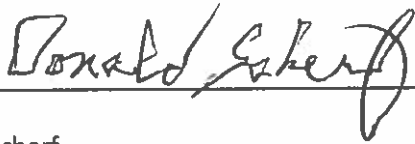


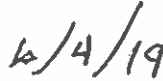
B-5: Community Business District

**F. SOURCE LEGAL DOCUMENTS**

F.4. SIGNED STATEMENT

I, Donald Scherf, believe that to the best of my knowledge, a legal description has been attached for each property that is within, or partially within, the contaminated site boundary at the above-referenced site.





Donald Scherf  
Scherf Properties Trust II

Date

**ATTACHMENT G**

G Notification of Owners of Affected Properties

## **G. NOTIFICATION OF OWNERS OF AFFECTED PROPERTIES**

NOT APPLICABLE, NO OFF-SITE PROPERTIES ARE AFFECTED