State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

February 20, 2020

MR. ROBERT KORTH
N2982 STEEPLE DR
APPLETON, WI 54913-7831

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Korth Property, 1629 W. Washington Street, Appleton, WI
DNR BRRTS Activity #: 03-45-002078

Dear Mr. Korth:

The Department of Natural Resources (DNR) considers the Korth Property contamination case closed, with continuing obligations. This closure applies to lead, Polycyclic Aromatic Hydrocarbons (PAHs) and/or Volatile Organic Compounds (VOCs) in soil, groundwater and/or vapor. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you. Certain continuing obligations also apply to affected property owners or rights-of-way holders. These are identified within each continuing obligation.

This final closure decision is based on the correspondence and data provided and is issued under chs. NR 726 and 727, Wis. Adm. Code. The Northeast Region (NER) Closure Committee reviewed the request for closure on December 19, 2019. The DNR Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for remaining actions needed was issued by the DNR on December 19, 2019, and documentation that the conditions in that letter were met was received on February 20, 2020.

This former bulk petroleum storage facility and upholstery business has lead, 1,2-DCA, PAH, and PVOC contamination remaining in soil and groundwater, which appears to have originated from the former underground storage tank (UST) and above ground storage tank (AST) systems. The conditions of closure and continuing obligations required were based on the property being used for commercial, purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section Closure Conditions.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Asphalt pavement, building foundation and a portion of the grass covered area must be maintained over contaminated soil and the DNR must be notified and approve any changes to this barrier.
- Remaining contamination could result in vapor intrusion if future construction activities occur. Future construction includes expansion or partial removal of current buildings as well as construction of new buildings. Vapor control technologies will be required for occupied buildings, unless the property owner

assesses the potential for vapor intrusion, and the DNR agrees that vapor control technologies are not needed.

The DNR fact sheet "Continuing Obligations for Environmental Protection," RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained online at dnr.wi.gov and search "RR-819".

DNR Database

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW) online at dnr.wi.gov and search "BOTW", to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, at dnr.wi.gov and search "RRSM".

The DNR's approval prior to well construction or reconstruction is required in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at dnr.wi.gov and search "3300-254".

All site information is also on file at the Northeast Regional DNR office, 2984 Shawano Ave, Green Bay, WI 54313. This letter and information that was submitted with your closure request application, including any maintenance plan and maps, can be found as a Portable Document Format (PDF) in BOTW.

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where asphalt pavement, a building foundation or a portion of the grass covered area is required, as shown on the attached map **(**Cap Location Map, Figure D.2, dated December 19, 2016), unless prior written approval has been obtained from the DNR:

- removal of the existing barrier or cover;
- replacement with another barrier or cover;
- excavating or grading of the land surface;
- filling on covered or paved areas;
- plowing for agricultural cultivation;
- construction or placement of a building or other structure;
- changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you, and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plan are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wis. Stats. to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Please send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
2984 Shawano Ave
Green Bay, WI 54313-6727

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present both on and off this contaminated property, as shown on the attached map **(**Groundwater Isoconcentration (9/19/19), Figure B.3.b, dated December 19, 2016). If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. Affected property owners were notified of the presence of groundwater contamination. This continuing obligation also applies to the owner of 1713 W. Washington Street.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains both on and off this contaminated property, as indicated on the attached map **(**Residual Contamination Soil Contamination Map, Figure B.2.b, dated December 19, 2016). If contaminated soil is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval. This continuing obligation also applies to the owners of 116 N. Linwood Avenue, 121 N. Douglas Street, and 1713 W. Washington Street.

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

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats., s. NR 726.15, s. NR 727.07 Wis. Adm. Code)
The asphalt pavement, building foundation, and grass cover that exist at the locations shown on the attached map (Cap Location Map, Figure D.2, dated December 19, 2016) shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

The cover approved for this closure was designed to be protective for a commercial or industrial use setting. Before using the property for residential purposes, you must notify the DNR at least 45 days before taking an action, to determine if additional response actions are warranted.

A request may be made to modify or replace a cover or barrier. Before removing or replacing the cover, you must notify the DNR at least 45 days before taking an action. The replacement or modified cover or barrier must be protective of the revised use of the property and must be approved in writing by the DNR prior to implementation. A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if the use of the property were to change such that a residential exposure would apply. 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 or barrier for multi-family residential housing use may not be appropriate for use at a single-family residence.

The attached maintenance plan and inspection log (DNR form 4400-305) are to be kept up-to-date and on-site Inspections shall be conducted annually, in accordance with the attached maintenance plan. Submit the inspection log to the DNR only upon request.

Vapor Mitigation or Evaluation (s. 292.12 (2), Wis. Stats., s. NR 726.15, s. NR 727.07, Wis. Adm. Code)
Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

Future Concern: PVOCs remain in soil and groundwater across much of the property, as shown on the attached maps **(**Groundwater Isoconcentration (9/19/19), Figure B.3.b, dated December 19, 2016 and Residual Contamination Soil Contamination Map, Figure B.2.b, dated December 19, 2016) at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. There is an existing building on the northeast corner of the property Therefore, before a building is constructed and/or an existing building is modified, the property owner must notify the DNR at least 45 days before the change. Vapor control technologies are required for construction of occupied buildings unless the property owner assesses the vapor pathway and the DNR agrees that vapor control technologies are not needed.

Other Closure Information

General Wastewater Permits for Construction Related Dewatering Activities

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

If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at dnr.wi.gov and search "wastewater permits". If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids and oil and grease, a general permit for Pit/Trench Dewatering may be needed.

PECFA Reimbursement

Per Wis. Stats. 292.63 (2) (ac), a claim for Petroleum Environmental Cleanup Fund Award (PECFA) reimbursement must be submitted within 180 days of incurring costs, or by June 30, 2020, whichever comes first, or the costs will not be eligible for PECFA reimbursement.

In addition, Wis. Stats. 292.63 (4) (cc) requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site, or by June 30, 2020, whichever comes first, or interest costs will not be eligible for PECFA reimbursement.

In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, or

- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Colin Schmenk at (920) 662-5452, or at ColinR.Schmenk@Wisconsin.gov.

Sincerely,

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

Attachments:

- Groundwater Isoconcentration (9/19/19), Figure B.3.b, dated December 19, 2016
- Residual Contamination Soil Contamination Map, Figure B.2.b, dated December 19, 2016
- Cap Location Map, Figure D.2, dated December 19, 2016
- Cap Maintenance Plan, dated February 15, 2019

cc: Ron Anderson, METCO (rona@metcohq.com)
Aldi, Inc. C/O Ryan Tax Services – Dept 501, PO BOX 460049, Houston, TX 77056
Steve Eisch, PO Box 621, Neenah, WI 54957-0621
John Meiers, 115 N Douglas Street Upper, Appleton, WI 54914

B.2.b. RESIDUAL CONTAMINATION
SOIL CONTAMINATION MAP

KORTH PROPERTY

METCO
APPLETON, WISCONSIN
DRAWN BY: BD
DATE: 6/15/15

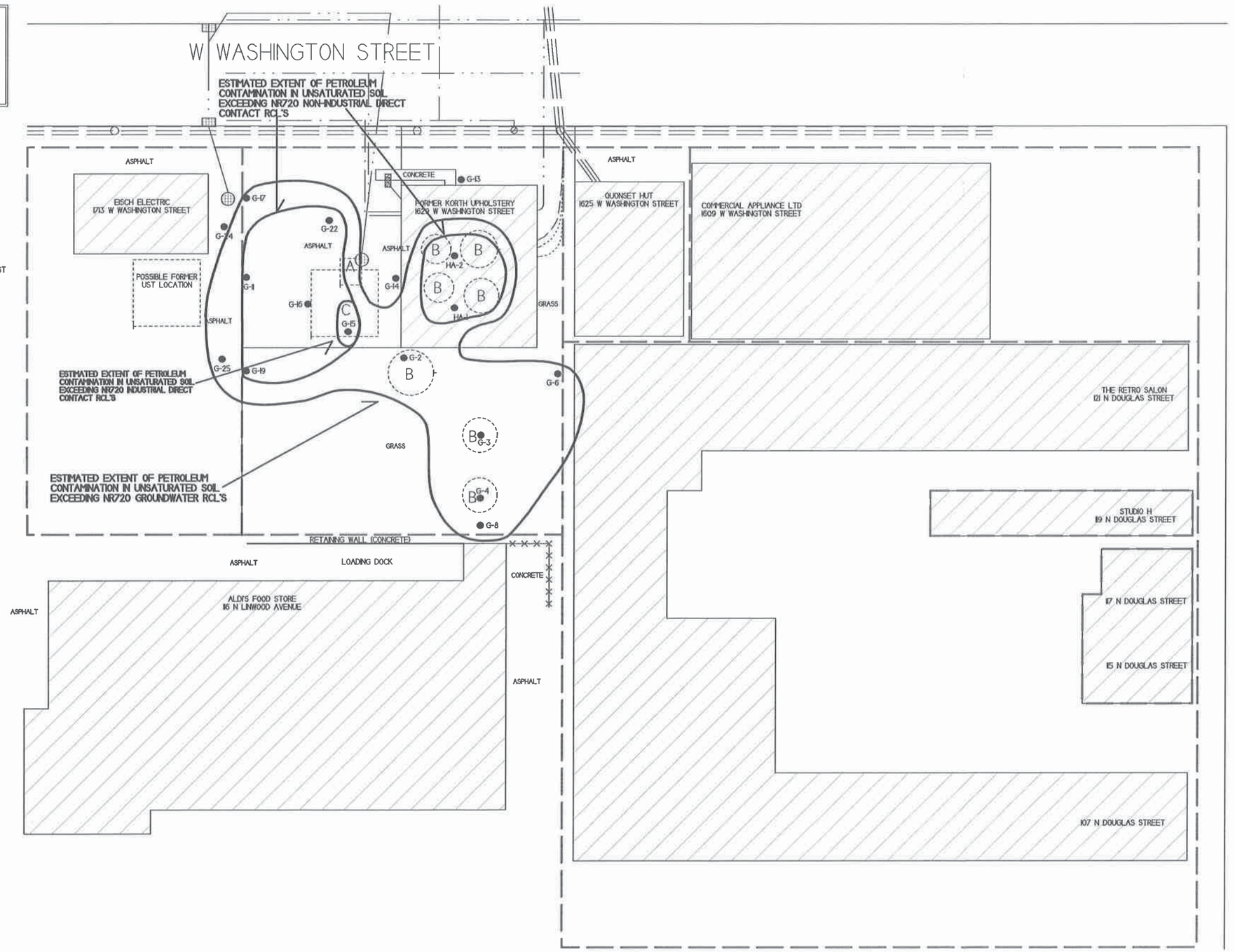
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40



B.3.b GROUNDWATER ISOCONCENTRATION (9/19/19)

KORTH PROPERTY

METCO
709 Gillette St, Suite 7
La Crosse, WI 54603
Tel: (608) 781-5575
Fax: (608) 781-5883
Excellence through experience

APPLETON, WISCONSIN

DRAWN BY: ED
DATE: 9/20/19

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
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WATER LINE
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SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

N DOUGLAS STREET

ASPHALT
EISCH ELECTRIC
1713 W WASHINGTON STREET
POSSIBLE FORMER UST LOCATION
MW-6
CONCRETE
FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET
QUONSET HUT
1625 W WASHINGTON STREET
COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET
GRASS
THE RETRO SALON
121 N DOUGLAS STREET
STUDIO H
119 N DOUGLAS STREET
117 N DOUGLAS STREET
115 N DOUGLAS STREET
107 N DOUGLAS STREET
ALDI'S FOOD STORE
116 N LINWOOD AVENUE
LOADING DOCK
RETAINING WALL (CONCRETE)
MW-1
MW-2
MW-3
MW-4
MW-5
HA-1
HA-2
SS-1
SS-2
SS-3
A
B
C
ES
PAL
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL

D.1 Description of Maintenance Action(s)

CAP MAINTENANCE PLAN

February 15, 2019

Property Located at:
1629 W. Washington Street
Appleton, WI 54914

WDNR BRRTS# 03-45-002078

TAX KEY# 315173209

Introduction

This document is the Maintenance Plan for an asphalt, building, and grass cap at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing cap which addresses or occupies the area over the contaminated groundwater plume or soil.

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

- The case file in the DNR Northeast regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites): http://dnr.wi.gov/botw/SetUpBasicSearchForm.do
- GIS Registry PDF file for further information on the nature and extent of contamination and
- The DNR project manager for Outagamie County.

Description of Contamination

Soil contaminated by petroleum is located from ground surface to approximately 6 feet below ground surface. Groundwater contaminated by petroleum is located at a depth of 2.03-5.83 feet below ground surface. The extent of the soil and groundwater contamination is shown on Attachment D.2.

Description of the Cap to be maintained

The cover consists of 2-3 inches of asphalt, the on-site building cover consisting of 4-6 inches of concrete (slab on grade), and grass lawn. The cap area is shown on Attachment D.2.

Cover Barrier Purpose

The asphalt, building, and grass cap over the contaminated soil and groundwater serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. The asphalt cap also acts as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. Based on the current use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The asphalt, building, and grass cap overlying the contaminated soil and as depicted in Attachment D.2 will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause exposure to underlying soils or additional infiltration through asphalt. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed and where infiltration from the surface will not be effectively minimized will be documented.

A log of the inspections and any repairs will be maintained by the property owner and is included as Form 4400-305 Continuing Obligations and Maintenance Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources ("WDNR") representatives upon their request.

Note: The WDNR may, in some instances, require in the case closure letter that the inspection log be submitted at least annually after every inspection. If the case closure letter requires that, then a copy of the inspection log must be submitted to the WDNR at least annually after every inspection.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event 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 that is excavated from 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 applicable local, state and federal law.

In the event asphalt, building or grass cap overlying the contaminated soil and groundwater plume is removed or replaced, the replacement barrier must be equally impervious. 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.

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

Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Cover or Cap

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

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

Amendment or Withdrawal of Maintenance Plan

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

Contact Information
February 2019

Current Site Contact:
Robert Korth
N2982 Steeple Dr.
Appleton, WI 54913

Signature: _____
(DNR may request signature of affected property owners, on a case-by-case basis)

Consultant:
METCO
Ron Anderson
709 Gillette Street, Suite 3
La Crosse, WI 54603
(608) 781-8879

WDNR:
Tom Verstegen
625 County Road Y, Suite 700
Oshkosh, WI 54901
(920) 424-0025

D.2 CAP LOCATION MAP

KORTH PROPERTY

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-3879
Fax: (608) 781-3883
Excellence through experience

APPLETON, WISCONSIN

DRAWN BY: ED
DATE: 12/30/15

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
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- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN
- ⊕ - STORM DRAIN

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C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

AREA OF CAP TO BE MAINTAINED

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

PAL

ASPHALT
EISCH ELECTRIC
1713 W WASHINGTON STREET
POSSIBLE FORMER UST LOCATION
MW-6
CONCRETE
FORMER KORTH UPHOLSTERY
1620 W WASHINGTON STREET
ASPHALT
GRASS
QUONSET HUT
1625 W WASHINGTON STREET
COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET
THE RETRO SALON
121 N DOUGLAS STREET
STUDIO H
119 N DOUGLAS STREET
117 N DOUGLAS STREET
115 N DOUGLAS STREET
107 N DOUGLAS STREET
N DOUGLAS STREET
RETAINING WALL (CONCRETE)
LOADING DOCK
ALDI'S FOOD STORE
115 N LINWOOD AVENUE

MW-1 MW-2 MW-3 MW-4 MW-5
G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-17 G-18 G-19 G-20 G-21 G-23 G-24 G-25
SS-1 SS-2 SS-3 HA-1 HA-2

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

D. 4.

Continuing Obligations Inspection and Maintenance Log

Form 4400-305 (2/14)

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	BRRTS No.
Korth Property	03-45-002078

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?
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N

{Click to Add/Edit Image} Date added: 01/09/2020

Title: Photo #1: Cap to be maintained looking southeast.

{Click to Add/Edit Image} Date added: 01/09/2020

Title: Photo #2: Cap to be maintained looking northwest.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

December 19, 2019

Robert Korth
N2982 Steeple Drive
Appleton, WI 54913-7831

Subject: Remaining Actions Needed for Case Closure under Wis. Adm. Code chs. NR 700-754
Korth Property, 1629 West Washington Street, City of Appleton, Wisconsin
DNR BRRTS Activity # 03-45-002078

Dear Mr. Korth:

On December 19, 2019, 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 Tom Verstegen on DNR Form 3300-005. To download the form, go online at dnr.wi.gov and search “form 3300-005”.

Purge Water, Waste and/or Soil Pile Removal
Any remaining purge water, solid waste and/or contaminated soil piles generated as part of site investigation or remediation activities must be removed from the site and properly managed in accordance with the applicable local, state and federal laws. Once that work is complete, send documentation to the DNR regarding the methods used for appropriate treatment or disposal of the remaining purge water, solid waste and/or contaminated soil.

Documentation
When the required actions are completed, submit the appropriate documentation within 120 days of the date of this letter, to verify completion. At that point, your closure request can be approved and your case can be closed.

Changes to the closure request are still outstanding and DNR will work with your consultant to get any revisions finalized. A complete revised closure packet should be prepared. The submittal of both an electronic and paper copy are required in accordance with Wis. Adm. Code s. NR 726.09 (1). 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 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 and search "BOTW".

Listing on Database
Information that was submitted with your closure request application will be included on DNR's Bureau for Remediation and Redevelopment Tracking System on the Web (BOTW) and RR Sites Map, located online at dnr.wi.gov and search "BOTW".

In 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 project manager, Tom Verstegen, at (920) 424-0025 or Thomas.Verstegen@wisconsin.gov.

Sincerely,

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

ec: Ron Anderson, METCO (rona@metcohq.com)
Tom Verstegen, DNR (thomas.verstegen@wisconsin.gov)

Wisconsin Department of Natural Resources

Case Closure – GIS Registry
NR 4400-202

For: Korth Property
BRRTS # 03-45-002078

January 23, 2020

METCO

Excellence through experience™

Table of Contents

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Case Closure

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. 03-45-002078	VPLE No.		
Parcel ID No. 315173209			
FID No. 445198270	WTM Coordinates X: 645141	Y: 422261	
BRRTS Activity (Site) Name Korth Property	WTM Coordinates Represent: ☒ Source Area ☐ Parcel Center		
Site Address 1629 W Washington St.	City Appleton	State WI	ZIP Code 54914
Acres Ready For Use 0.39			

Responsible Party (RP) Name Robert Korth			
Company Name			
Mailing Address N2982 Steeple Dr.	City Appleton	State WI	ZIP Code 54913
Phone Number (920) 470-1092	Email bnn1025@AOL.com		

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

Environmental Consultant Name Ronald Anderson			
Consulting Firm METCO			
Mailing Address 709 Gillette Street, Suite 3	City La Crosse	State WI	ZIP Code 54603
Phone Number (608) 781-8879	Email rona@metcohq.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 Korth Property site, 1629 W Washington St, is located at the SW 1/4, SW 1/4, Section 27, Township 21 North, Range 17 East, in the City of Appleton, Outagamie County, WI. The site is bound by W Washington Street to the north and commercial properties to the east, south, and west.

B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.
Schmidt Oil operated a bulk petroleum storage facility on the subject property from approximately the 1950s until the 1970s. A 1970 Sanborn Fire Insurance Map shows seven gasoline storage tanks and a pump house on the property. Korth Upholstery purchased the property in 1981 and built the existing building. During construction of the building, a large fuel oil UST (est. 20,000-gallons) was removed from the subject property.

C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
According to the City of Appleton Zoning Map, the Korth Property site is zoned as C-2 General Commercial. The properties to the east, south, and west are also zoned as General Commercial properties. The properties to the north are zoned M-2 General Industrial.

D. Describe how and when site contamination was discovered.
On April 20, 1995, Environmental Assessments, Inc. completed one soil boring in the area of a removed fuel oil UST. One soil sample was collected from the soil boring for GRO, DRO, PVOC, 1,2-DCA, and PAH analysis. The analytical results showed 196 ppm GRO, 123 ppm DRO, and several low level detects for PVOC and PAH compounds. The petroleum contamination was subsequently reported to the WDNR, who then required that a site investigation be conducted.

E. Describe the type(s) and source(s) or suspected source(s) of contamination.
Petroleum contamination appears to have originated from the former UST and AST systems.

F. Other relevant site description information (or enter Not Applicable).
Not applicable.

G. List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.
No other BRRTS activities exist at the subject property.

H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.
A No Action Required site, Woelz Paper (BRRTS# 09-45-295836), is listed for the adjacent property to the south at 116 N Linwood Avenue. This pertains to a tank removal site assessment that was conducted in 1992 in which soil samples were collected from beneath a removed 6,000-gallon gasoline UST. The samples collected from beneath the removed gasoline UST showed no detects for Gasoline Range Organics (GRO).

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.
Local unconsolidated materials generally consist of tan to brown to red to reddish brown silt/clay to sandy silt/clay with some gravel from surface to at least 14 feet below ground surface (bgs). Thin lenses of black peat to clayey peat were encountered in several borings at depths ranging from 3 to 9 feet bgs. Several borings showed lenses of sand to silty sand varying in thickness from 0.5 to 2 feet at depths ranging from 4 to 8 feet bgs.

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Fill material consisting of sand, silt, and gravel was encountered across the site from surface to depths ranging from 0.5 feet to 4 feet bgs.

iii. Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation.
Bedrock was not encountered during the site investigation, but limestone/dolomite bedrock is expected to exist at approximately 25-75 feet bgs, based on local well construction reports.

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 on-site building is located in the northeastern portion of the property. An asphalt driveway/parking lot exists to the west of the building. An area of grass exists to the south of the on-site building and parking lot. Grass also exists to the north and east of the building. A concrete sidewalk exists on the north side of the building.

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.

Groundwater exists at depths ranging from 2.03-5.83 feet bgs in the water table depending on well location and time of year. Free product has not affected watertable elevation measurements in any monitoring wells. The stratigraphic unit where the watertable exists consists of silt/clay to sandy silt/clay with some gravel. No piezometers were installed during the investigation.

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

According to the watertable measurements collected during groundwater sampling, local horizontal groundwater flow in the immediate area of the subject property is generally toward the northeast. Groundwater flow direction deeper in the aquifer is unknown as no piezometer wells have been installed.

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

On September 20, 2017, METCO conducted slug tests on monitoring wells MW-1, MW-4 and MW-5. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc. Slug test data was evaluated using the Bouwer and Rice method. Hydrogeologic parameters were estimated as follows:

Monitoring Well MW-1
Hydraulic Conductivity (K) = 1.11E-03 cm/sec
Transmissivity = 3.15E-01 cm2/sec
Flow Velocity (V=KI/n) = 46.55994 m/yr

Monitoring Well MW-4
Hydraulic Conductivity (K) = 1.83E-03 cm/sec
Transmissivity = 4.52E-01 cm2/sec
Flow Velocity (V=KI/n) = 76.83085 m/yr

Monitoring Well MW-5
Hydraulic Conductivity (K) = 9.91E-04 cm/sec
Transmissivity = 2.57E-01 cm2/sec
Flow Velocity (V=KI/n) = 41.68671 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of monitoring wells MW-1, MW-4 and MW-5 were assumed as the lower extent of the aquifer for calculation purposes.

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).

The subject property and surrounding properties are all served by the City of Appleton municipal water supply, which draws it's potable water from Lake Winnebago. METCO is not aware of any private water supply wells in the area.

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.

On April 20, 1995, Environmental Assessments, Inc. completed one soil boring in the area of a removed fuel oil UST. One soil sample was collected from the soil boring for GRO, DRO, PVOC, 1,2-DCA, and PAH analysis. (Site Investigation Report - April 2018)

On April 10-11, 2017, METCO completed twenty-two Geoprobe borings (G-1 thru G-22). Fifty-seven soil samples and twenty-one groundwater samples were collected from the borings for field and/or laboratory analysis. (PID, VOC, PVOC, Naphthalene, PAH, and/or Lead). (Site Investigation Report - April 2018)

On July 10-11, 2017, METCO completed five soil borings which were converted to monitoring wells (MW-1 thru MW-5). Fifteen soil samples were collected for field and/or laboratory analysis (PID, DRO, GRO, PVOC, Naphthalene, TCLP-Lead, and TCLP-Benzene). Upon completion, the monitoring wells were properly developed. (Site Investigation Report - April 2018)

On September 20, 2017, METCO personnel collected groundwater samples from five monitoring wells for field and laboratory analysis (VOC's, PAH, Dissolved Iron, Dissolved Manganese, Nitrate/Nitrite, Sulfate, and Dissolved Lead). Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were collected from all sampled monitoring wells. The monitoring well network was properly surveyed to feet mean sea level (msl) at this time. METCO also conducted slug tests on three of the monitoring wells (MW-1, -4, and -5). (Site Investigation Report - April 2018)

On December 14, 2017, METCO personnel collected groundwater samples from five monitoring wells for field and laboratory analysis (PVOC, PAH, and Dissolved Lead). Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were collected from all sampled monitoring wells. (Site Investigation Report - April 2018)

On August 28, 2018, METCO personnel collected groundwater samples from the five monitoring wells (MW-1 thru MW-5) for laboratory analysis (PAH and PVOC). Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. (Letter Report - January 2019)

On October 25, 2018, Geiss Soil and Samples LLC, of Merrill, Wisconsin, conducted a Geoprobe/Drilling project under the supervision of METCO personnel. During the project, two soil borings (G-23 and G-24) were completed to 8 feet below ground surface (bgs). One monitoring well (MW-6) was also installed to 13 feet bgs. Upon completion, the monitoring well was properly developed. Two soil samples were collected from each of the Geoprobe/Monitoring Well borings for field (PID) and/or laboratory analysis (DRO, GRO, PAH, PVOC, and/or Naphthalene). Please note that the neighbor initially denied access for the Geoprobe/drilling project on July 31, 2018, but later allowed access after the first round of groundwater sampling. (Letter Report - January 2019)

On November 26-27, 2018, METCO personnel collected groundwater samples from the six monitoring wells (MW-1 thru MW-6) for laboratory analysis (PAH, PVOC and/or VOC). Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. METCO personnel surveyed MW-6 to feet mean sea level at this time. (Letter Report - January 2019)

On August 1, 2019, Geiss Soil and Samples LLC, of Merrill, Wisconsin, conducted a Geoprobe project under the supervision of METCO personnel. During the project, three soil borings (G-25, HA-1 and HA-2) were completed to 3 to 4 feet below ground surface (bgs). One soil sample was collected from each boring for field (PID) and laboratory analysis (PVOC and Naphthalene). Upon completion, the Geoprobe borings were properly abandoned. (Letter Report - October 2019)

On September 19, 2019, Braun Intertec installed three sub-slab vapor sampling ports (SS-1, SS-2 and SS-3) through the concrete floor of the source property building at 1629 West Washington Street. The sub-slab vapor samples were analyzed for PVOC and Naphthalene (TO-15). (Letter Report - October 2019)

On September 19, 2019, METCO personnel collected groundwater samples from the six monitoring wells for PVOC and Naphthalene analysis (MW-2, MW-3, MW-5, and MW-6) PAH and PVOC analysis (MW-1), or VOC analysis (MW-4). Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. (Letter Report - October 2019)

On December 3, 2019, Braun Intertec collected three subslab vapor samples from the existing ports in the source property building at 1629 West Washington Street. The sub-slab vapor samples were analyzed for PVOC and Naphthalene (TO-15). (Attatchment C)

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.

Soil contamination exceeding the NR720 Groundwater RCL's extends beyond the property boundary onto the property located at 121 N Douglas Street. This soil contamination plume is approximately 37 feet wide at the property boundary, extends up to 8 feet onto the property, and is up to 5 feet thick.

Soil contamination exceeding the NR720 Groundwater RCL's extends beyond the property boundary onto the property located at 1713 West Washington. This soil contamination plume is approximately 90 feet wide at the property boundary, extends up to 14 feet onto the property, and is up to 5 feet thick.

Soil contamination exceeding the NR720 Groundwater RCL's extends beyond the property boundary onto the property located at 116 North Linwood Ave. This soil contamination plume is approximately 20 feet wide at the property boundary, extends up to 2 feet onto the property, and is up to 5 feet thick.

A dissolved phase contaminant plume exceeding the NR140 ES has formed at the watertable and has migrated west onto the property located at 1713 W Washington Street. This groundwater contamination plume extends up to 8 feet onto the property and is approximately 50 feet wide at the property boundary.

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.

No structural impediments interfered with the completion of the site investigation.

B. Soil

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

An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values exists in the area of the removed 20,000-gallon fuel oil UST and former gasoline ASTs as well as beneath the on site building at 1629 West Washington Street. This soil contamination plume measures up to 198 feet long, up to 105 feet wide, and up to 5 feet thick.

Two areas of unsaturated soil contamination exceeding the NR720 Direct Contact RCL's exists in the area of the removed 20,000-gallon fuel oil UST and beneath the on site building. This soil contamination plume measures up to 72 feet long, up to 53 feet wide, and up to 4 feet thick in the area of the removed UST and approximately 35 by 32 feet in the area beneath the on site building.

The area of soil contamination does not appear to intersect any utility corridors.

ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column.

Soil samples collected within the upper four feet of the soil column that exceed the NR720 RCL's include:

G-2-1 (3.5 feet bgs): Naphthalene (4.6 ppm) and Trimethylbenzenes (9.2 ppm).
G-3-1 (3.5 feet bgs): Benzene (0.10 ppm).
G-6-1 (3.5 feet bgs): Benzene (0.047 ppm).
G-8-1 (3.5 feet bgs): Lead (91 ppm) and Benzene (0.39 ppm).
G-11-1 (3.5 feet bgs): Lead (47.6 ppm), Benzene (0.051 ppm), Benzo(a)pyrene (0.44 ppm), Benzo(b)fluoranthene (0.90 ppm), Chrysene (0.47 ppm), Dibenzo(a,h)anthracene (0.126 ppm) and Naphthalene (0.76 ppm).
G-15-1 (3.5 feet bgs): Benzo(a)anthracene (5.4 ppm), Benzo(a)pyrene (8.6 ppm), Benzo(b)fluoranthene (13 ppm), Chrysene (8.2 ppm), Dibenzo(a,h)anthracene (2.01 ppm), Indeno(1,2,3-cd)pyrene (6.3 ppm), 1-Methylnaphthalene (36 ppm), Naphthalene (1.92 ppm) and Trimethylbenzenes (3.21 ppm).
G-16-1 (3.5 feet bgs): Lead (38 ppm), Benzene (0.34 ppm), Benzo(a)pyrene (0.214 ppm), Benzo(b)fluoranthene (0.53 ppm), Chrysene (0.46 ppm), Naphthalene (4.7 ppm), Trimethylbenzenes (13.32 ppm), and Xylene (4.27 ppm).
G-17-1 (3.5 feet bgs): Lead (29.2 ppm).
G-19-1 (3.5 feet bgs): Naphthalene (20.4 ppm) and Trimethylbenzenes (5.29 ppm).
G-22-1 (3.5 feet bgs): Ethylbenzene (3.5 ppm), 1-Methylnaphthalene (20.5 ppm), and Trimethylbenzenes (5.71 ppm).
G-25-1 (3.5 feet bgs): Naphthalene (1.95 ppm).
HA-1 (3.0 feet bgs): Ethylbenzene (9.4 ppm), Naphthalene (21.4 ppm), Trimethylbenzenes (17 ppm), Xylene (8.42 ppm).
HA-2 (3.0 feet bgs): Naphthalene (7.4 ppm), Trimethylbenzenes (2.22 ppm).

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.

The method used to establish the soil cleanup standards for this site were the NR720 RCL's. The property is zoned as C-2 General Commercial, therefore non-industrial standards were used for this site.

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.

A dissolved phase contaminant plume exceeding the NR140 ES and or PAL has formed at the water table in the area of the removed 20,000-gallon fuel oil UST and former gasoline ASTs. This plume is approximately 119 feet long and up to 96 feet wide.

There are no known municipal or private water supply wells within 1,200 feet of the subject property.

The extent of petroleum contamination in groundwater exceeding the NR140 PAL comes into contact with a sanitary sewer lateral, storm sewer lateral, and a water lateral. Sewer and water lateral lines typically exist at approximately 5-8 feet bgs and are backfilled with native soil. Based on this and because groundwater contaminant levels only exceed the NR140 PAL in this area, these do not appear to be preferential contaminant migration pathways.

The groundwater contamination plume does not appear to intercept any building foundation drain systems.

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.

Free product was not encountered during the site investigation.

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.

On September 19, 2019, Braun Intertec installed three sub-slab vapor sampling ports (SS-1, SS-2 and SS-3) through the concrete floor of the source property building at 1629 West Washington Street. The sub-slab vapor sampling ports were constructed by drilling a 1/2-inch pilot hole through the concrete slab and several inches into the sub-slab material with a hammer drill. A 11/2-inch outer hole is then drilled to depths of 4 to 6-inches, depending on the concrete slab thickness. The holes were cleaned of dust and drilling debris using a shop-vac. Stainless steel vapor pins are installed in the inner hole with a silicon sleeve to obtain an airtight seal with the concrete floor. The remainder of the hole is sealed with modeling clay and a water dam test was conducted to confirm that the seal is airtight. Vapor samples were collected by using a short length of Teflon tubing to connect the sampling port and a 6-liter Suma canister. Prior to collecting the sub-slab vapor samples, a shut-in test was conducted to assure that the fittings between the sample probe and sampling container are airtight. No leaks were detected. The air samples were collected using a Suma canister with a flow regulator that allowed the sub-slab vapor samples to be collected over a 30-minute period. The sub-slab vapor samples were analyzed for PVOC and Naphthalene (TO-15). The sub-slab soil vapor sampling results are summarized in the attached data table.

On December 3, 2019, Braun Intertec collected three subslab vapor samples from the existing ports in the source property building at 1629 West Washington Street. The sub-slab vapor samples were analyzed for PVOC and Naphthalene (TO-15).

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 results showed detects, but no exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

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.

The nearest surface water is the Fox River, which exists approximately 1 mile to the southeast of the subject property. Since it does not appear that the area of soil and groundwater contamination extends to any surface waters, no surface water or sediment samples were collected.

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.

No surface water or sediment samples were collected.

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.

No remedial actions were conducted.

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

No immediate or interim actions occurred at this site.

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.

No remedial actions were conducted.

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.

No evaluation of the Green and Sustainable Remediation was conducted.

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.

An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values exists in the area of the removed 20,000-gallon fuel oil UST and former gasoline ASTs as well as beneath the on site building at 1629 West Washington Street. This soil contamination plume measures up to 198 feet long, up to 105 feet wide, and up to 5 feet thick.

Two areas of unsaturated soil contamination exceeding the NR720 Direct Contact RCL's exists in the area of the removed 20,000-gallon fuel oil UST and beneath the on site building. This soil contamination plume measures up to 72 feet long, up to 53 feet wide, and up to 4 feet thick in the area of the removed UST and approximately 35 by 32 feet in the area beneath

the on site building.

A dissolved phase contaminant plume exceeding the NR140 ES and or PAL has formed at the water table in the area of the removed 20,000-gallon fuel oil UST and former gasoline ASTs. This plume is approximately 119 feet long and up to 96 feet wide.

Soil contamination exceeding the NR720 Groundwater RCL's extends beyond the property boundary onto the property located at 121 N Douglas Street. This soil contamination plume is approximately 37 feet wide at the property boundary, extends up to 8 feet onto the property, and is up to 5 feet thick.

Soil contamination exceeding the NR720 Groundwater RCL's extends beyond the property boundary onto the property located at 1713 West Washington. This soil contamination plume is approximately 90 feet wide at the property boundary, extends up to 14 feet onto the property, and is up to 5 feet thick.

Soil contamination exceeding the NR720 Groundwater RCL's extends beyond the property boundary onto the property located at 116 North Linwood Ave. This soil contamination plume is approximately 20 feet wide at the property boundary, extends up to 2 feet onto the property, and is up to 5 feet thick.

A dissolved phase contaminant plume exceeding the NR140 ES has formed at the watertable and has migrated west onto the property located at 1713 W Washington Street. This groundwater contamination plume extends up to 8 feet onto the property and is approximately 50 feet wide at the property boundary.

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.

Soil samples collected within the upper four feet of the soil column that exceed the NR720 Direct Contact RCL's include:

G-11-1 (3.5 feet bgs): Benzo(a)pyrene (0.44 ppm) and Dibenzo(a,h)anthracene (0.126 ppm).
G-15-1 (3.5 feet bgs): Benzo(a)anthracene (5.4 ppm), Benzo(a)pyrene (8.6 ppm), Benzo(b)fluoranthene (13 ppm), Dibenzo (a,h)anthracene (2.01 ppm), Indeno(1,2,3-cd)pyrene (6.3 ppm), 1-Methylnaphthalene (36 ppm).
G-16-1 (3.5 feet bgs): Benzo(a)pyrene (0.214 ppm).
G-19-1 (3.5 feet bgs): Naphthalene (20.4 ppm).
G-22-1 (3.5 feet bgs): 1-Methylnaphthalene (20.5 ppm).
HA-1 (3.0 feet bgs): Ethylbenzene (9.4 ppm), Naphthalene (21.4 ppm).
HA-2 (3.0 feet bgs):Naphthalene (7.4 ppm).

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.

Residual soil contamination that is above the observed low water table that attains or exceeds the NR720 Groundwater RCLs include:

G-2-1 (3.5 feet bgs): Naphthalene (4.6 ppm) and Trimethylbenzenes (9.2 ppm).
G-3-1 (3.5 feet bgs): Benzene (0.10 ppm).
G-6-1 (3.5 feet bgs): Benzene (0.047 ppm).
G-8-1 (3.5 feet bgs): Lead (91 ppm) and Benzene (0.39 ppm).
G-11-1 (3.5 feet bgs): Lead (47.6 ppm), Benzene (0.051 ppm), Benzo(b)fluoranthene (0.90 ppm), Chrysene (0.47 ppm), and Naphthalene (0.76 ppm).
G-11-2 (5.0 feet bgs): Benzene (0.29 ppm), Naphthalene (27.8 ppm) and Trimethylbenzenes (6.55 ppm).
G-15-1 (3.5 feet bgs): Benzo(a)pyrene (8.60 ppm), Benzo(b)fluoranthene (13 ppm), Chrysene (8.2 ppm), Naphthalene (1.92 ppm) and Trimethylbenzenes (3.21 ppm).
G-16-1 (3.5 feet bgs): Lead (38 ppm), Benzene (0.34 ppm), Benzo(b)fluoranthene (0.53 ppm), Chrysene (0.46 ppm), Naphthalene (4.7 ppm), Trimethylbenzenes (13.32 ppm), and Xylene (4.27 ppm).
G-17-1 (3.5 feet bgs): Lead (29.2 ppm).
G-19-1 (3.5 feet bgs): Naphthalene (20.4 ppm) and Trimethylbenzenes (5.29 ppm).
G-22-1 (3.5 feet bgs): Ethylbenzene (3.5 ppm) and Trimethylbenzenes (5.71 ppm).
G-25-1 (3.5 feet bgs): Naphthalene (1.95 ppm).
HA-1 (3.0 feet bgs): Ethylbenzene (9.4 ppm), Naphthalene (21.4 ppm), Trimethylbenzenes (17 ppm), Xylene (8.42 ppm).
HA-2 (3.0 feet bgs): Naphthalene (7.4 ppm), Trimethylbenzenes (2.22 ppm).

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.

Residual soil contamination and groundwater contamination will be addressed via natural attenuation and a cap maintenance plan.

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).
Since the overall contaminant trends appear to be stable to decreasing, it appears that natural attention will be effective in reducing the contaminant mass.

J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).
Any remaining exposure pathways will be addressed via natural attenuation and a cap maintenance plan.

K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.
No system hardware was installed as part of the site investigation.

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.
Monitoring Well MW-1: Currently shows NR140 Enforcement Standard (ES) exceedances for Benzo(b)fluoranthene (0.60 ppb) and Chrysene (0.33 ppb) and NR140 Preventive Action Limit exceedances for Benzene (2.59 ppb) and Benzo(a)pyrene (0.198 ppb)

Monitoring Well MW-2: Currently shows NR140 Preventive Action Limit (PAL) exceedances for Benzene (0.93 ppb) and Benzo(a)pyrene (0.1 ppb).

Monitoring Well MW-3: Currently shows a NR140 ES exceedance for Benzene (6.5 ppb).

Monitoring Well MW-4: Currently shows NR140 Preventive Action Limit (PAL) exceedances for Benzo(a)pyrene (0.0273 ppb), Benzo(b)fluoranthene (0.045 ppb), and Chrysene (0.042 ppb).

Monitoring Well MW-5: Currently shows a NR140 Preventive Action Limit (PAL) exceedance for Benzo(b)fluoranthene (0.0249 ppb).

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.
No indoor air or sub slab vapor samples were collected.

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.
No surface water or sediment samples were collected.

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

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.

Notifications to Owners of Affected Properties (Attachment G)

ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	Reasons Notification Letter Sent: Residual Groundwater Contamination = or > ES	Residual Soil Contamination Exceeds RCLs	Monitoring Wells: Not Abandoned	Monitoring Wells: Continued Monitoring	Cover/Barrier/Engineered Control	Structural Impediment	Industrial RCLs Met/Applied	Vapor Mitigation System(VMS)	Dewatering System Needed for VMS	Compounds of Concern in Use	Commercial/Industrial Vapor Exposure Assumptions Applied	Residual Volatile Contamination Poses Future Risk of Vapor Intrusion	Site Specification Situation
A	1713 W Washington Street	315173210	04/02/2019	APO	645130	422258	X	X											
B	121 N Douglas Street	315173204	04/19/2019	APO	645172	422247		X											
C	116 North Linwood Ave	315173201	10/12/2019	APO	645124	422194		X											
D																			

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, Thomas P. Pignet 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 Thomas Pignet (reviewed) P. E. # 33227-006

Title Engineer P.E. Stamp

WISCONSIN THOMAS P. PIGNET 33227-006 LA CROSSE WISCONSIN PROFESSIONAL ENGINEER 1/23/20

Hydrogeologist Certification

I, Ronald J. Anderson, 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 Senior Hydrogeologist/Project Manager Date 1/23/20

Attachment A/Data Tables

A.1 Groundwater Analytical Tables

A.2 Soil Analytical Tables

A.3 Residual Soil Contamination Table

A.4 Vapor Analytical Table

A.5 Other Media of Concern - No surface waters or sediments were assessed as part of the site investigation.

A.6 Water Level Elevations

A.7 Other – Hydraulic Conductivity Calculations and Natural Attenuation Parameters

A.1 Groundwater Analytical Table
(Geoprobe)
Korth Property LUST Site BRRT'S# 03-45-002078

Sample ID	Date	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
G-1-W	4/10-11/17	0.28	0.55	<0.82	<2.17	<0.67	<2.05	0.64-2.20
G-2-W	4/10-11/17	<0.17	<0.2	<0.82	*10.5*	<0.67	<2.05	<1.95
G-3-W	4/10-11/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-4-W	4/10-11/17	<0.17	0.25	<0.82	<2.17	<0.67	<2.05	<1.95
G-5-W	4/10-11/17	<0.17	2.15	<0.82	<2.17	<0.67	<2.05	16.7
G-6-W	4/10-11/17	<0.17	0.33	<0.82	<2.17	<0.67	<2.05	0.91-2.47
G-7-W	4/10-11/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-8-W	4/10-11/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-9-W	4/10-11/17	<0.17	0.21	<0.82	<2.17	<0.67	<2.05	0.56-2.12
G-10-W	4/10-11/17	*4.3*	1.35	<0.82	*16*	1.23	<2.05	3.72
G-11-W	4/10-11/17	**7.6**	3.5	<0.82	*80*	<0.67	5.5-6.41	1.08-2.64
G-12-W	4/10-11/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-13-W	4/10-11/17	<0.17	0.36	<0.82	<2.17	<0.67	<2.05	0.55-2.11
G-14-W	4/10-11/17	<0.17	<0.2	<0.82	3.5	<0.67	<2.05	<1.95
G-15-W	4/10-11/17	*1.6*	1.45	<4.1	**186**	<3.35	<10.25	<9.75
G-16-W	4/10-11/17	**66**	4.0	<4.1	**138**	<3.35	<10.25	<9.75
G-17-W	4/10-11/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-19-W	4/10-11/17	**5.8**	1.85	<0.82	**133**	<0.67	<2.05	1.06-2.62
G-20-W	4/10-11/17	<0.17	<0.2	<0.82	<2.17	<0.67	<2.05	<1.95
G-21-W	4/10-11/17	0.21	1.59	<0.82	*40*	<0.67	1.69-2.60	0.43-1.99
G-22-W	4/10-11/17	*1.05*	4.2	<0.82	*11.7*	<0.67	<2.05	0.47-2.03
ENFORCE MENT STANDARD ES = Bold		**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT PAL = Italics		*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

NS = Not Sampled
(ppb) = parts per billion (ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics

A.1 Groundwater Analytical Table
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-1
PVC Elevation = 813.02 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
9/20/2017	809.37	3.65	<0.9	**7.6**	0.43	<0.82	*34*	<0.67	<2.05	<1.95
12/14/2017	808.75	4.27	<0.9	**5.0**	0.67	<0.43	0.50	<0.33	0.66-1.22	<1.71
8/28/2018	809.20	3.82	NS	**110**	<13	<14	0.87	<9.5	<71.5	<36
11/27/2018	810.15	2.87	NS	**12.1**	<0.53	<0.57	3.60	<0.45	1.61-2.36	<1.58
9/19/2019	811.50	1.52	NS	*2.59*	0.55	<0.24	0.48	0.55	1.92	0.63-70
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2
PVC Elevation = 812.89 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
9/20/2017	808.33	4.56	<0.9	*0.76*	0.42	<0.82	<2.17	<0.67	<2.05	0.56-2.12
12/14/2017	808.02	4.87	<0.9	*0.83*	<0.56	<0.43	1.22	0.54	1.76	<1.71
8/28/2018	809.29	3.60	NS	**21**	13	<14	0.58	<9.5	<71.5	25.5-47
11/27/2018	808.74	4.15	NS	*1.19*	0.76	<0.57	0.99	0.65	1.41-2.16	1.87-2.87
9/19/2019	809.31	3.58	NS	*0.93*	0.53	<0.24	4.6	0.53	<1.13	1.1-1.62
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3
PVC Elevation = 813.47 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
9/20/2017	809.49	3.98	<0.9	**14.8**	2.0	<0.82	2.88	<0.67	<2.05	<1.95
12/14/2017	808.69	4.78	<0.9	*3.7*	0.85	<0.43	1.05	0.52	<1.14	<1.71
8/28/2018	810.85	2.62	NS	**340**	63	<14	2.57	10.5	<71.5	<36
11/27/2018	810.42	3.05	NS	**15.3**	2.03	<0.57	0.88	0.57	1.13-1.88	<1.58
9/19/2019	811.82	1.65	NS	**6.5**	0.43	<0.24	3.3	0.64	0.63-1.30	0.75-82
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-4
PVC Elevation = 813.79 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
9/20/2017	808.93	4.86	<0.9	0.29	0.31	<0.82	9.8	<0.67	<2.05	<1.95
12/14/2017	808.50	5.29	<0.9	0.40	<0.56	<0.43	0.62	0.37	<1.14	<1.71
8/28/2018	809.59	4.20	NS	<110	<130	<140	0.196	<95	<715	<360
11/27/2018	810.44	3.35	NS	*0.70*	<0.53	<0.57	0.297	<0.45	1.07-1.82	<1.58
9/19/2019	810.90	2.89	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-5
PVC Elevation = 813.30 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
9/20/2017	808.84	4.46	<0.9	<0.17	<0.2	<0.82	3.9	<0.67	<2.05	<1.95
12/14/2017	808.75	4.55	<0.9	0.27	<0.56	<0.43	0.036	<0.33	<1.14	<1.71
8/28/2018	811.09	2.21	NS	<11	<13	<14	<0.023	<9.5	<710.5	<36
11/27/2018	809.88	3.42	NS	<0.22	<0.53	<0.57	0.044	<0.45	<1.48	<1.58
9/19/2019	810.62	2.68	NS	<0.32	<0.29	<0.24	<1.3	<0.29	<1.13	<1.12
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6
PVC Elevation = 812.74 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
11/27/2018	810.74	2.00	NS	<0.22	<0.26	<0.28	<2.1	<0.19	<1.43	<0.72
9/19/2019	811.03	1.71	NS	<0.32	0.34	<0.24	<1.3	<0.29	<1.13	<1.12
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-1

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,I) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
9/20/2017	0.81	0.172	0.055	<0.034	<0.04	<0.036	<0.05	<0.032	<0.04	<0.05	0.04	0.73	<0.046	4.20	2.07	9.60	0.55	<0.04
12/14/2017	0.59	0.0194	0.114	0.0212	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	0.0286	0.103	<0.023	0.60	0.76	0.50	0.211	0.04
8/28/2018	0.183	0.061	0.0175	0.0266	*0.0257*	*0.054*	0.032	0.0203	*0.041*	<0.01	0.085	0.047	0.0223	0.316	0.72	0.87	0.104	0.098
11/26-27/18	0.80	0.195	0.276	0.19	**0.231**	**0.42**	0.242	0.10	**0.253**	0.043	0.54	1.26	0.248	3.30	0.168	3.60	0.48	0.61
9/19/2019	0.273	0.06	0.115	0.10	*0.198*	**0.60**	0.301	0.18	**0.33**	<0.0173	**0.68**	0.228	0.234	0.32	0.76	**0.48**	0.67	0.54
ENFORCE MENT STANDARD = **ES – Bold**			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,I) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
9/20/2017	3.90	1.03	1.11	0.182	<0.10	*0.092*	<0.125	<0.08	*0.183*	<0.125	0.82	2.09	<0.115	27.9	11.8	1.63	5.80	0.79
12/14/2017	2.71	0.50	0.63	0.12	<0.10	<0.09	<0.125	<0.08	<0.10	<0.125	0.166	0.74	<0.115	12.1	3.60	1.22	1.85	0.275
8/28/2018	1.74	0.48	0.33	0.229	*0.11*	*0.132*	0.079	0.107	*0.163*	0.072	<0.155	1.65	0.077	21.2	6.80	0.58	0.71	0.228
11/26-27/18	2.62	0.56	0.315	0.11	*0.1*	<0.10	<0.055	<0.07	<0.095	<0.05	<0.155	2.30	<0.06	31.5	5.60	0.99	1.22	0.227
9/19/2019	NOT SAMPLED																	
ENFORCE MENT STANDARD = **ES – Bold**			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,I) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
9/20/2017	2.66	0.262	0.252	<0.017	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	0.077	0.79	<0.023	3.50	1.27	1.41	2.78	0.12
12/14/2017	1.80	0.193	0.276	0.0212	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	0.0311	0.41	<0.023	5.30	0.129	1.05	2.26	0.082
8/28/2018	1.46	0.134	0.287	0.018	<0.017	<0.02	<0.011	<0.014	<0.019	<0.01	0.032	1.43	<0.012	8.70	0.129	2.57	1.90	0.098
11/26-27/18	2.41	0.26	0.20	0.0254	<0.017	<0.02	0.015	<0.014	<0.019	<0.01	<0.031	2.22	<0.012	7.90	0.311	0.88	1.25	0.105
9/19/2019	NOT SAMPLED																	
ENFORCE MENT STANDARD = **ES – Bold**			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-4

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,I) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
9/20/2017	0.52	0.051	0.039	<0.017	<0.02	<0.018	<0.025	<0.016	<0.02	<0.025	0.0277	0.276	<0.023	2.65	0.091	2.11	0.055	<0.02
12/14/2017	0.69	0.051	0.049	0.0283	<0.02	*0.0289*	0.41	<0.016	*0.0213*	<0.025	0.043	0.0216	<0.023	0.44	0.09	0.62	0.167	0.048
8/28/2018	0.162	0.0202	0.051	0.0192	<0.017	<0.02	0.0268	<0.014	<0.019	<0.01	<0.031	0.041	<0.012	0.54	0.083	0.196	0.067	0.037
11/26-27/18	0.63	0.067	0.07	0.048	*0.0273*	*0.045*	0.056	<0.014	*0.042*	<0.01	0.072	0.166	0.0314	3.6	0.137	0.297	0.221	0.09
9/19/2019	NOT SAMPLED																	
ENFORCE MENT STANDARD = **ES – Bold**			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,I) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
9/20/2017	0.095	<0.019	<0.019	0.0174	<0.02	*0.0268*	0.0278	<0.016	<0.02	<0.025	0.055	0.031	<0.023	1.42	0.059	0.89	0.0296	0.0271
12/14/2017	<0.016	<0.019	<0.019	0.0222	<0.02	*0.021*	<0.025	<0.016	<0.02	<0.025	0.0217	<0.021	<0.023	0.054	<0.024	0.036	<0.025	0.0206
8/28/2018	<0.008	0.011	<0.009	<0.017	<0.017	<0.02	0.0147	<0.014	<0.019	<0.01	<0.031	<0.011	<0.012	0.04	<0.0236	<0.023	<0.025	<0.03
11/26-27/18	0.054	0.0103	<0.009	0.0255	<0.017	*0.0249*	0.02	<0.014	<0.019	<0.01	<0.031	0.0201	0.0178	0.291	0.037	0.044	<0.025	<0.03
9/19/2019	NOT SAMPLED																	
ENFORCE MENT STANDARD = **ES – Bold**			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,I) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
11/26-27/18	<0.008	<0.009	<0.009	0.0173	<0.017	<0.02	<0.011	<0.014	<0.019	<0.01	<0.031	<0.011	<0.012	<0.0239	<0.0236	0.103	<0.025	<0.03
9/19/2019	NOT SAMPLED																	
ENFORCE MENT STANDARD = **ES – Bold**			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Korth Property LUST Site BRRT'S# 03-45-002078

Well Sampling Conducted on:	09/20/17	09/20/17	09/20/17	09/20/17	09/20/17	11/27/18	09/19/19		
VOC's Well Name	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-4	ENFORCEMENT STANDARD = ES – Bold	*PREVENTIVE ACTION LIMIT = PAL - Italics*
Lead, dissolved/ppb	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	NS	NS	15	*1.5*
Benzene/ppb	7.6	*0.76*	14.8	0.29 "J"		< 0.22	< 0.22	5	*0.5*
Bromobenzene/ppb	< 0.43	< 0.43	< 0.43	< 0.43		< 0.44	< 0.44	==	==
Bromodichloromethane/ppb	< 0.31	< 0.31	< 0.31	< 0.31		< 0.33	< 0.33	0.6	*0.06*
Bromoform/ppb	< 0.49	< 0.49	< 0.49	< 0.49		< 0.45	< 0.45	4.4	*0.44*
tert-Butylbenzene/ppb	< 0.39	< 0.39	< 0.39	< 0.39		< 0.25	0.31 "J"	==	==
sec-Butylbenzene/ppb	1.86	5.3	4.9	4.8		< 0.79	4.7	==	==
n-Butylbenzene/ppb	1.15	3.7	1.48	2.37		< 0.71	< 0.71	==	==
Carbon Tetrachloride/ppb	< 0.21	< 0.21	< 0.21	< 0.21		< 0.31	< 0.31	5	*0.5*
Chlorobenzene/ppb	< 0.27	< 0.27	< 0.27	< 0.27		< 0.26	< 0.26	==	==
Chloroethane/ppb	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.61	< 0.61	400	*80*
Chloroform/ppb	< 0.96	< 0.96	< 0.96	< 0.96		< 0.26	< 0.26	6	*0.6*
Chloromethane/ppb	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.54	< 0.54	30	*3*
2-Chlorotoluene/ppb	< 0.36	< 0.36	< 0.36	< 0.36		< 0.31	< 0.31	==	==
4-Chlorotoluene/ppb	< 0.35	< 0.35	< 0.35	< 0.35		< 0.26	< 0.26	==	==
1,2-Dibromo-3-chloropropane/ppb	< 1.88	< 1.88	< 1.88	< 1.88		< 2.96	< 2.96	0.2	*0.02*
Dibromochloromethane/ppb	< 0.45	< 0.45	< 0.45	< 0.45		< 0.22	< 0.22	60	*6*
1,4-Dichlorobenzene/ppb	< 0.42	< 0.42	< 0.42	< 0.42		< 0.7	< 0.7	75	*15*
1,3-Dichlorobenzene/ppb	< 0.45	< 0.45	< 0.45	< 0.45		< 0.85	< 0.85	600	*120*
1,2-Dichlorobenzene/ppb	< 0.34	< 0.34	< 0.34	< 0.34		< 0.86	< 0.86	600	*60*
Dichlorodifluoromethane/ppb	< 0.38	< 0.38	< 0.38	< 0.38		< 0.32	< 0.32	1000	*200*
1,2-Dichloroethane/ppb	< 0.45	< 0.45	*0.66 "J"*	< 0.45		< 0.25	< 0.25	5	*0.5*
1,1-Dichloroethane/ppb	< 0.42	< 0.42	< 0.42	< 0.42		< 0.36	< 0.36	850	*85*
1,1-Dichloroethene/ppb	< 0.46	< 0.46	< 0.46	< 0.46		< 0.42	< 0.42	7	*0.7*
cis-1,2-Dichloroethene/ppb	< 0.41	< 0.41	< 0.41	< 0.41		< 0.37	< 0.37	70	*7*
trans-1,2-Dichloroethene/ppb	< 0.35	< 0.35	< 0.35	< 0.35		< 0.34	< 0.34	100	*20*
1,2-Dichloropropane/ppb	< 0.39	< 0.39	< 0.39	< 0.39		< 0.44	< 0.44	5	*0.5*
1,3-Dichloropropane/ppb	< 0.49	< 0.49	< 0.49	< 0.49		< 0.3	< 0.3	==	==
trans-1,3-Dichloropropene/ppm	< 0.42	< 0.42	< 0.42	< 0.42		< 0.32	< 0.32		
cis-1,3-Dichloropropene/ppm	< 0.21	< 0.21	< 0.21	< 0.21		< 0.26	< 0.26	0.4	*0.04*
DI-Isopropyl ether/ppb	1.1	< 0.26	< 0.26	< 0.26		< 0.21	0.40 "J"	==	==
EDB (1,2-Dibromoethane)/ppb	< 0.34	< 0.34	< 0.34	< 0.34		< 0.34	< 0.34	0.05	*0.005*
Ethylbenzene/ppb	0.43 "J"	0.42 "J"	2	0.31 "J"	< 0.2	< 0.26	< 0.26	700	*140*
Hexachlorobutadiene/ppb	< 1.47	< 1.47	< 1.47	< 1.47		< 1.34	< 1.34	==	==
Isopropylbenzene/ppb	2.14	8.2	6.2	6.6		< 0.78	0.92 "J"	==	==
p-Isopropyltoluene/ppb	0.46 "J"	< 0.28	< 0.28	0.29 "J"		< 0.24	< 0.24	==	==
Methylene chloride/ppb	< 0.94	< 0.94	< 0.94	< 0.94		< 1.32	< 1.32	5	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 0.82	< 0.82	< 0.82	< 0.82		< 0.28	< 0.28	60	*12*
Naphthalene/ppb	*34*	< 2.17	2.88 "J"	9.8	3.9 "J"	< 2.1	< 2.1	100	*10*
n-Propylbenzene/ppb	1.95	4.2	6.2	6.6	0.38 "J"	< 0.61	< 0.61	==	==
1,1,2,2-Tetrachloroethane/ppb	< 0.69	< 0.69	< 0.69	< 0.69		< 0.3	< 0.3	0.2	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 0.47	< 0.47	< 0.47	< 0.47		< 0.35	< 0.35	70	*7*
Tetrachloroethene (PCE)/ppb	< 0.48	< 0.48	< 0.48	< 0.48		< 0.38	< 0.38	5	*0.5*
Toluene/ppb	< 0.67	< 0.67	< 0.67	< 0.67		< 0.19	< 0.19	800	*160*
1,2,4-Trichlorobenzene/ppb	< 1.29	< 1.29	< 1.29	< 1.29		< 1.15	< 1.15	70	*14*
1,2,3-Trichlorobenzene/ppb	< 0.83	< 0.83	< 0.83	< 0.83		< 1.71	< 1.71	==	==
1,1,1-Trichloroethane/ppb	< 0.35	< 0.35	< 0.35	< 0.35		< 0.33	< 0.33	200	*40*
1,1,2-Trichloroethane/ppb	< 0.65	< 0.65	< 0.65	< 0.65		< 0.42	< 0.42	5	*0.5*
Trichloroethene (TCE)/ppb	< 0.45	< 0.45	< 0.45	< 0.45		< 0.3	< 0.3	5	*0.5*
Trichlorofluoromethane/ppb	< 0.64	< 0.64	< 0.64	< 0.64		< 0.35	< 0.35	==	==
1,2,4-Trimethylbenzene/ppb	< 1.14	< 1.14	< 1.14	< 1.14		< 0.8	< 0.8		
1,3,5-Trimethylbenzene/ppb	< 0.91	< 0.91	< 0.91	< 0.91		< 0.63	< 0.63	Total TMB's 480	*Total TMB's 96*
Vinyl Chloride/ppb	< 0.19	< 0.19	< 0.19	**0.27 "J"**		< 0.2	< 0.2	0.2	*0.02*
m&p-Xylene/ppb	< 1.56	< 1.56	< 1.56	< 1.56		< 0.43	< 0.43		
o-Xylene/ppb	< 0.39	0.56 "J"	< 0.39	< 0.39		< 0.29	< 0.29	Total Xylenes 2000	*Total Xylenes 400*

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.2 Soil Analytical Results Table
Korth Property LUST Site BRRT'S# 03-45-002078

																DIRECT CONTACT (PVOC + PAH)		
Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl-benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-1-1	3.5	U	04/10/17	0.30	2.16	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	0		
G1-2	4-8	S	04/10/17	0.80	NOT SAMPLED														
G-2-1	3.5	U	04/10/17	14.60	10.30	NS	NS	<0.125	0.189	<0.125	**4.60**	<0.125	**7.40**	**1.80**	1.032	NS	0	0.0535	9.4E-07
G-2-2	6.0	S	04/10/17	49.60	NS	NS	NS	<0.025	<0.025	<0.025	**2.43**	<0.025	0.106	0.138	0.087	NS			
G-2-3	10.0	S	04/10/17	4.20	NOT SAMPLED														
G-3-1	3.5	U	04/10/17	1.70	17.40	NS	NS	**0.10**	0.043	<0.025	0.48	0.184	0.39	0.261	0.370	NS	0	0.006	1.6E-07
G-3-2	6.5	S	04/10/17	2.90	NS	NS	NS	**0.142**	0.249	<0.025	0.57	0.263	0.62	0.228	1.135	NS			
G-3-3	10.0	S	04/10/17	1.70	NOT SAMPLED														
G-4-1	3.5	U	04/10/17	2.20	13.50	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-4-2	6.5	S	04/10/17	2.0	NS	NS	NS	**0.14**	0.203	<0.025	0.49	0.275	0.51	0.249	0.884	NS			
G-4-3	10.0	S	04/10/17	1.90	NOT SAMPLED														
G-5-1	3.5	U	04/10/17	3.70	16.40	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-5-2	7.0	S	04/10/17	2.10	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-5-3	10.0	S	04/10/17	20.30	NOT SAMPLED														
G-6-1	3.5	U	04/10/17	4.10	17.00	NS	NS	**0.047**	<0.025	<0.025	0.093	0.075	<0.025	<0.025	0.072-0.097	NS	0	0.0012	5.0E-08
G-6-2	5.0	U	04/10/17	1.60	NS	NS	NS	<0.025	0.062	<0.025	0.182	0.079	0.059	0.0308	0.337	NS			
G-6-3	10.0	S	04/10/17	2.70	NOT SAMPLED														
G-7-1	3.0	U	04/10/17	2.70	25.40	NS	NS	<0.025	<0.025	<0.025	0.071	<0.025	<0.025	<0.025	<0.075	NS	0	0.0009	3.2E-08
G-7-2	6.0	S	04/10/17	2.40	NOT SAMPLED														
G-8-1	3.5	U	04/10/17	1.90	**91.00**	NS	NS	**0.39**	0.39	<0.025	0.050	0.256	0.258	0.133	1.423	NS	0	0.2344	3.0E-07
G-8-2	6.0	S	04/10/17	2.30	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	0.036	<0.025	<0.025	0.128	NS			
G-8-3	10.0	S	04/10/17	2.70	NOT SAMPLED														
G-9-1	3.5	U	04/10/17	1.30	3.91	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-9-2	6.0	S	04/10/17	1.60	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-9-3	10.0	S	04/10/17	1.90	NOT SAMPLED														
G-10-1	3.5	U	04/10/17	4.40	6.68	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-10-2	6.5	S	04/10/17	37.80	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-10-3	10.0	S	04/10/17	2.40	NOT SAMPLED														
G-11-1	3.5	U	04/10/17	1.50	**47.60**	NS	NS	**0.051**	0.199	<0.025	**0.76**	0.137	0.52	0.248	0.674	NS	**2**	0.0431	7.0E-06
G-11-2	5.0	U	04/10/17	149.50	NS	NS	NS	**0.29**	0.67	<0.25	**27.80**	0.35	**2.65**	**3.90**	2.73	NS			
G-12-1	3.5	U	04/10/17	1.40	3.61	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G-12-2	7.0	S	04/10/17	2.00	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
G-12-3	10.0	S	04/10/17	2.10	NOT SAMPLED														
G-13-1	3.5	U	04/10/17	1.20	5.26	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G-13-2	7.0	S	04/10/17	12.30	NS	NS	NS	<0.025	<0.025	<0.025	**0.92**	<0.025	0.059	0.054	<0.075	NS			
G-13-3	10.0	S	04/10/17	11.60	NOT SAMPLED														
G-14-1	3.5	U	04/10/17	1.50	1.12	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	0	0.0013	2.2E-07
G14-2	6.0	S	04/10/17	38.70	NS	NS	NS	<0.025	<0.025	<0.025	**3.60**	<0.025	0.181	0.281	0.179	NS			
G-15-1	3.5	U	04/10/17	76.60	3.77	NS	NS	<0.125	0.53	<0.125	**1.92**	0.202	**1.38**	**1.83**	1.41	NS	**6**	0.5653	1.2E-04
G-15-2	8.0	S	04/10/17	109.80	NOT SAMPLED														
G-16-1	3.5	U	04/11/17	38.00	**38.00**	NS	NS	**0.34**	0.61	<0.025	**4.70**	1.04	**3.02**	**10.30**	**4.27**	NS	**1**	0.1902	5.3E-06
G-16-2	7.0	S	04/11/17	85.10	NS	NS	NS	**0.41**	0.36	<0.025	**18.00**	0.32	**1.74**	**2.66**	2.09	NS			
G-16-3	10.0	S	04/11/17	42.30	NOT SAMPLED														
G-17-1	3.5	U	04/11/17	1.70	**29.20**	NS	NS	<0.025	<0.025	<0.025	0.162	0.044	0.047	<0.025	<0.075	NS	0	0.0082	1.2E-09
G-17-2	7.0	S	04/11/17	42.60	NS	NS	NS	<0.025	<0.025	<0.025	**1.63**	<0.025	0.121	0.168	0.116	NS			
G-17-3	10.0	S	04/11/17	1.30	NOT SAMPLED														
G-19-1	3.5	U	04/11/17	54.70	9.17	NS	NS	<0.025	1.47	<0.025	**20.40**	<0.025	**4.50**	**0.79**	1.88	NS	**1**	0.1318	3.9E-06
G-19-2	6.5	S	04/11/17	159.00	NS	NS	NS	<0.03	0.045	<0.05	**5.90**	<0.032	<0.025	0.094	<0.116	SEE VOC SHEET			
G-19-3	10.0	S	04/11/17	20.30	NOT SAMPLED														
G-20-1	3.5	U	04/11/17	1.10	15.30	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	0	0.0006	2.4E-08
G-20-2	5.5	S	04/11/17	13.90	NS	NS	NS	<0.025	<0.025	<0.025	0.56	<0.025	0.059	0.089	<0.075	NS			
G-20-3	10.0	S	04/11/17	3.90	NOT SAMPLED														
G-21-1	3.5	U	04/11/17	1.70	26.00	NS	NS	<0.025	<0.025	<0.025	0.0243	<0.025	<0.025	<0.025	<0.075	NS	0	0.0035	6.7E-07
G-21-2	6.0	S	04/11/17	52.60	NOT SAMPLED														
G-22-1	3.5	U	04/11/17	149.70	4.77	NS	NS	<0.25	**3.50**	<0.25	0.52	0.46	**1.61**	**4.10**	3.10	NS	**1**	0.1475	2.8E-06
G-22-2	7.0	S	04/11/17	56.50	NS	NS	NS	<0.025	0.039	<0.025	**0.81**	<0.025	0.11	0.24	0.188	NS			
G-22-3	10.0	S	04/11/17	27.80	NOT SAMPLED														
MW-1-1	3.5	U	07/10/17	279.0	NOT SAMPLED												0		
MW-1-2	8.0	S	07/10/17	319.0	NS	34.8	13.6	<0.025	<0.025	<0.025	0.59	<0.025	0.067	0.032	<0.075	TCLP Lead <0.1 TCLP Benzene <0.05			
MW-1-3	13.0	S	07/10/17	3.9	NS	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
MW-2-1	3.5	U	07/10/17	1.0	NOT SAMPLED												0		
MW-2-3	8.0	S	07/10/17	2.3	NOT SAMPLED														
MW-2-4	12.0	S	07/10/17	5.1	NOT SAMPLED														
MW-3-1	3.5	U	07/10/17	15.4	NOT SAMPLED												0		
MW-3-2	8.0	S	07/10/17	47	NOT SAMPLED														
MW-3-3	12.0	S	07/10/17	16.3	NOT SAMPLED														
MW-4-1	3.5	U	07/10/17	9.2	NOT SAMPLED												0		
MW-4-2	8.0	S	07/10/17	61	NOT SAMPLED														
MW-4-3	12.0	S	07/10/17	9.9	NOT SAMPLED														
MW-5-1	3.5	U	07/10/17	1.4	NOT SAMPLED												0		
MW-5-2	8.0	S	07/10/17	87	NOT SAMPLED														
MW-5-3	12.0	S	07/10/17	7.3	NOT SAMPLED														
G-23-1	3.5	U	10/25/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	0.016	<0.025	<0.025	<0.025	<0.075	NS	0	0.0112	1.3E-06
G-23-2	7.0	S	10/25/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	0.052	<0.025	<0.025	<0.025	<0.075	NS			
G-24-1	3.5	U	10/25/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	0.34	<0.025	0.090	0.133	0.0253-0.0753	NS	0	0.0003	4.6E-09
G-24-2	7.0	S	10/25/18	NM	NS	NS	NS	<0.025	<0.025	<0.025	**0.91**	<0.025	0.128	0.102	0.117	NS			
MW-6-1	3.5	U	10/25/18	NM	NS	NS	NS	<0.025	0.034	<0.025	0.021	0.0307	0.085	0.131	0.061-0.111	NS	0	0.0048	8.3E-07
MW-6-2	7.0	S	10/25/18	NM	NS	<10	<10	<0.025	<0.025	<0.025	0.035	<0.025	<0.025	<0.025	<0.075	NS			
MW-6-3	NO RECOVERY																		
G-25-1	3.5	U	08/01/19	20.5	NS	NS	NS	<0.025	<0.025	<0.025	**1.95**	0.05	0.2	0.143	0.289	NS	0	0.0125	3.7E-07
HA-1-1	3.0	U	08/01/19	501.7	NS	NS	NS	<0.25	**9.4**	<0.25	**21.4**	0.37	**9.7**	**7.3**	**8.42**	NS	**2**	0.1828	5.2E-06
HA-2-1	3.0	U	08/01/19	516.0	NS	NS	NS	<0.25	0.259	<0.25	**7.4**	<0.25	**1.33**	**0.89**	0.92-1.17	NS	**1**	0.0514	1.5E-06
Groundwater RCL					**27**	-	-	**0.0051**	**1.57**	**0.027**	**0.6582**	**1.1072**	**1.3787**		**3.96**	-			
Non-Industrial Direct Contact RCL					**400**	-	-	**1.6**	**8.02**	**63.8**	**5.52**	**818**	**219**	**182**	**260**	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					**(800)**	-		**(7.07)**	**(35.4)**	**(282)**	**(24.1)**	**(818)**	**(219)**	**(182)**	**(260)**	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**260***	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table
(PAH)
Korth Property LUST Site BRRT'S# 03-45-002078

Sample	Depth (feet)	Saturation U/S	Date	Acenaph-thene (ppm)	Acenaph-thylene (ppm)	Anthracene (ppm)	Benzo(a) anthracene (ppm)	Benzo(a) pyrene (ppm)	Benzo(b) fluoranthene (ppm)	Benzo(g,h,i) perylene (ppm)	Benzo(k) fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h) anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd) pyrene (ppm)	1-Methyl-naphthalene (ppm)	2-Methyl-naphthalene (ppm)	Naph-thalene (ppm)	Phenan-threne (ppm)	Pyrene (ppm)	DIRECT CONTACT (PVOC + PAH) Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-1-1	3.5	U	04/10/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0		
G-11-1	3.5	U	04/10/17	1.89	0.51	1.29	0.257	**0.44**	**0.90**	0.56	0.213	**0.47**	**0.126**	0.46	2.71	0.38	9.40	1.31	**0.76**	6.10	1.71	**2**	0.0431	7.0E-06
G-12-1	3.5	U	04/10/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0	0.0013	2.2E-07
G-13-1	3.5	U	04/10/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0	0.0013	2.2E-07
G-14-1	3.5	U	04/10/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153	0	0.0013	2.2E-07
G-15-1	3.5	U	04/10/17	4.30	1.32	1.52	**5.4**	**(8.60)**	**13.0**	8.20	4.10	**8.20**	**2.01**	5.30	6.80	**6.30**	**36.0**	9.70	**1.92**	14.3	6.60	**6**	0.5653	1.2E-04
G-16-1	3.5	U	04/11/17	4.00	1.08	1.86	0.228	**0.214**	**0.53**	0.292	0.136	**0.46**	0.078	0.67	5.10	0.161	14.4	23.0	**4.70**	10.4	2.14	**1**	0.1902	5.3E-06
G-17-1	3.5	U	04/11/17	<0.0151	0.0169	0.0301	0.056	0.071	0.156	0.122	0.0266	0.142	0.0274	0.069	0.041	0.063	0.34	0.62	0.162	0.239	0.129	0	0.0082	1.2E-06
G-21-1	3.5	U	04/11/17	<0.0151	<0.0159	<0.0109	0.032	0.044	0.104	0.05	0.0264	0.053	0.0126	0.0315	<0.0179	0.04	0.045	0.075	0.0243	0.0176	0.033	0	0.0035	6.7E-07
G-22-1	3.5	U	04/11/17	1.01	0.47	0.68	<0.058	<0.0565	<0.065	<0.057	<0.0735	<0.0605	<0.039	<0.0735	2.06	<0.057	**20.5**	26.7	0.52	2.72	<0.0765	**1**	0.1475	2.8E-06
G-23-1	3.5	U	10/25/18	0.058	0.042	<0.0109	<0.016	<0.013	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	0.058	<0.0114	0.03	0.0271	0.016	0.046	0.0185	0	0.0112	1.3E-06
G-24-1	3.5	U	10/25/18	0.199	0.099	0.184	0.067	0.08	0.184	0.146	0.044	0.136	0.0257	0.146	0.188	0.076	0.62	0.86	0.34	0.40	0.36	0	0.0003	4.6E-09
MW-6-1	3.5	U	10/25/18	0.0262	0.063	0.072	0.072	0.061	0.078	0.071	0.0179	0.133	0.0146	0.092	0.058	0.036	0.044	0.05	0.021	0.098	0.46	0	0.0048	8.3E-07
Groundwater RCL				---	---	**196.9492**	---	**0.47**	**0.4781**	---	---	**0.1442**	---	**88.8778**	**14.8299**	---	---	---	**0.6582**	---	**54.5455**			
Non-Industrial Direct Contact RCL				**3590**	---	**17900**	**1.14**	**0.115**	**1.15**	---	**11.5**	**115**	**0.115**	**2390**	**2390**	**1.15**	**17.6**	**239**	**5.52**	---	**1790**		**1.00E+00**	**1.00E-05**
Industrial Direct Contact RCL				**(45200)**	---	**(100000)**	**(20.8)**	**(2.11)**	**(21.1)**	---	**(211)**	**(2110)**	**(2.11)**	**(30100)**	**(30100)**	**(21.1)**	**(72.7)**	**(3010)**	**(24.1)**	---	**(22600)**			
Soil Saturation Concentration (C-sat)*				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold &Asteric * = C-sat Exceedance
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
PAH = Polynuclear Aromatic Hydrocarbons
PID = Photoionization Detector
VOC's = Volatile Organic Compounds

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2 Soil Analytical Results Table
Korth Property LUST Site BRRT'S# 03-45-002078

Sampling Conducted on April 11, 2017

VOC's		Bold = Groundwater RCL	Underline & Bold = Non-Industrial Direct Contact RCL	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	G-19-2				
Sample Depth/ft.	6.5				
Solids Percent	80.6				
Benzene/ppm	< 0.03	0.0051	1.6	(7.07)	1820*
Bromobenzene/ppm	< 0.025	= =	342	(679)	= =
Bromodichloromethane/ppm	< 0.074	0.0003	0.418	(1.83)	= =
Bromoform/ppm	< 0.029	0.0023	25.4	(113)	= =
tert-Butylbenzene/ppm	0.08 "J"	= =	183	(183)	183*
sec-Butylbenzene/ppm	3.7	= =	145	(145)	145*
n-Butylbenzene/ppm	4.9	= =	108	(108)	108*
Carbon Tetrachloride/ppm	< 0.016	0.0039	0.916	(4.03)	= =
Chlorobenzene/ppm	< 0.013	= =	370	(761)	761*
Chloroethane/ppm	< 0.091	0.2266	= =	= =	= =
Chloroform/ppm	< 0.035	0.0033	0.454	(1.98)	= =
Chloromethane/ppm	< 0.076	0.0155	159	(669)	= =
2-Chlorotoluene/ppm	< 0.015	= =	907	(907)	907*
4-Chlorotoluene/ppm	< 0.018	= =	253	(253)	253*
1,2-Dibromo-3-chloropropane/ppm	< 0.058	0.0002	0.008	(0.092)	= =
Dibromochloromethane/ppm	< 0.025	0.032	8.28	(38.9)	= =
1,4-Dichlorobenzene/ppm	< 0.037	0.144	3.74	(16.4)	= =
1,3-Dichlorobenzene/ppm	< 0.037	1.1528	297	(297)	297*
1,2-Dichlorobenzene/ppm	< 0.028	1.168	376	(376)	376*
Dichlorodifluoromethane/ppm	< 0.048	3.0863	126	(530)	= =
1,2-Dichloroethane/ppm	< 0.038	0.0028	0.652	(2.87)	540*
1,1-Dichloroethane/ppm	< 0.034	0.4834	5.06	(22.2)	= =
1,1-Dichloroethene/ppm	< 0.022	0.005	320	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 0.032	0.0412	156	(2340)	= =
trans-1,2-Dichloroethene/ppm	< 0.028	0.0626	1560	(1850)	= =
1,2-Dichloropropane/ppm	< 0.035	0.0033	3.4	(15)	= =
1,3-Dichloropropane/ppm	< 0.025	= =	1490	(1490)	1490*
trans-1,3-Dichloropropene/ppm	< 0.022	0.003	1510	(1510)	= =
Cis-1,3-Dichloropropene/ppm	< 0.039		1210	(1210)	= =
Di-isopropyl ether/ppm	< 0.01	= =	2260	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 0.023	0.0000282	0.05	(0.221)	= =
Ethylbenzene/ppm	0.045 "J"	1.57	8.02	(35.4)	480*
Hexachlorobutadiene/ppm	< 0.085	= =	1.63	(7.19)	= =
Isopropylbenzene/ppm	1.78	= =	= =	= =	= =
p-Isopropyltoluene/ppm	0.039 "J"	= =	162	(162)	162*
Methylene chloride/ppm	< 0.15	0.0026	61.8	(1150)	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.05	0.027	63.8	(282)	8870*
Naphthalene/ppm	5.9	0.6582	5.52	(24.1)	= =
n-Propylbenzene/ppm	3.7	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.028	0.0002	0.81	(3.6)	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.028	0.0534	2.78	(12.3)	= =
Tetrachloroethene (PCE)/ppm	< 0.032	0.0045	33	(145)	= =
Toluene/ppm	< 0.032	1.1072	818	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 0.064	0.408	24	(113)	= =
1,2,3-Trichlorobenzene/ppm	< 0.066	= =	62.6	(934)	= =
1,1,1-Trichloroethane/ppm	< 0.03	0.1402	640	(640)	640*
1,1,2-Trichloroethane/ppm	< 0.033	0.0032	1.59	(7.01)	= =
Trichloroethene (TCE)/ppm	< 0.041	0.0036	1.3	(8.41)	= =
Trichlorofluoromethane/ppm	< 0.041	4.4775	1230	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	< 0.025	1.3787	219	(219)	219*
1,3,5-Trimethylbenzene/ppm	0.094 "J"		182	(182)	182*
Vinyl Chloride/ppm	< 0.019	0.0001	0.067	(2.08)	= =
m&p-Xylene/ppm	< 0.072	3.96	260	(260)	260*
o-Xylene/ppm	< 0.044				

NS = not sampled, NM = Not Measured
(ppm) = parts per million
= = No Exceedences
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Note: Non-Industrial RCLs apply to this site.

A.3 Residual Soil Analytical Results Table
Korth Property LUST Site BRRT'S# 03-45-002078

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	DIRECT CONTACT (PVOC + PAH) Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-2-1	3.5	U	04/10/17	14.60	10.30	NS	NS	<0.125	0.189	<0.125	**4.60**	<0.125	**7.40**	**1.80**	1.032	NS	0	0.0535	9.4E-07
G-2-2	6.0	S	04/10/17	49.60	NS	NS	NS	<0.025	<0.025	**<0.025**	**2.43**	**<0.025**	0.106	0.138	0.087	NS			
G-3-1	3.5	U	04/10/17	1.70	17.40	NS	NS	**0.10**	0.043	**<0.025**	0.48	0.184	0.39	0.261	0.370	NS	0	0.006	1.6E-07
G-3-2	6.5	S	04/10/17	2.90	NS	NS	NS	**0.142**	0.249	<0.025	0.57	0.263	0.62	0.228	1.135	NS			
G-4-2	6.5	S	04/10/17	2.0	NS	NS	NS	**0.14**	0.203	<0.025	0.49	0.275	0.51	0.249	0.884	NS			
G-6-1	3.5	U	04/10/17	4.10	17.00	NS	NS	**0.047**	**<0.025**	**<0.025**	0.093	0.075	<0.025	<0.025	0.072-0.097	NS	0	0.0012	5.0E-08
G-8-1	3.5	U	04/10/17	1.90	**91.00**	NS	NS	**0.39**	0.39	<0.025	0.050	0.256	0.258	0.133	1.423	NS	0	0.2344	3.0E-07
G-11-1	3.5	U	04/10/17	1.50	**47.60**	NS	NS	**0.051**	0.199	<0.025	**0.76**	0.137	0.52	0.248	0.674	NS	2	0.0431	7.0E-06
G-11-2	5.0	U	04/10/17	149.50	NS	NS	NS	**0.29**	0.67	<0.25	**27.80**	0.35	**2.65**	**3.90**	2.73	NS			
G-13-2	7.0	S	04/10/17	12.30	NS	NS	NS	<0.025	<0.025	<0.025	**0.92**	<0.025	0.059	0.054	**<0.075**	NS			
G14-2	6.0	S	04/10/17	38.70	NS	NS	NS	**<0.025**	**<0.025**	**<0.025**	**3.60**	**<0.025**	0.181	0.281	0.179	NS			
G-15-1	3.5	U	04/10/17	76.60	3.77	NS	NS	<0.125	0.53	<0.125	**1.92**	0.202	**1.38**	**1.83**	1.41	NS	6	0.5653	1.2E-04
G-16-1	3.5	U	04/11/17	38.00	**38.00**	NS	NS	**0.34**	0.61	<0.025	**4.70**	1.04	**3.02**	**10.30**	**4.27**	NS	1	0.1902	5.3E-06
G-16-2	7.0	S	04/11/17	85.10	NS	NS	NS	**0.41**	0.36	**<0.025**	**18.00**	0.32	**1.74**	**2.66**	2.09	NS			
G-17-1	3.5	U	04/11/17	1.70	**29.20**	NS	NS	**<0.025**	<0.025	<0.025	0.162	0.044	0.047	<0.025	<0.075	NS	0	0.0082	1.2E-06
G-17-2	7.0	S	04/11/17	42.60	NS	NS	NS	<0.025	<0.025	<0.025	**1.63**	<0.025	0.121	0.168	**0.116**	NS			
G-19-1	3.5	U	04/11/17	54.70	9.17	NS	NS	<0.025	1.47	**<0.025**	**20.40**	**<0.025**	**4.50**	**0.79**	1.88	NS	1	0.1318	3.9E-06
G-19-2	6.5	S	04/11/17	159.00	NS	NS	NS	<0.03	0.045	<0.05	**5.90**	**<0.032**	<0.025	0.094	<0.116	SEE VOC SHEET			
G-22-1	3.5	U	04/11/17	149.70	4.77	NS	NS	<0.25	**3.50**	<0.25	0.52	0.46	**1.61**	**4.10**	3.10	NS	1	0.1475	2.8E-06
G-22-2	7.0	S	04/11/17	56.50	NS	NS	NS	<0.025	0.039	<0.025	**0.81**	<0.025	0.11	0.24	0.188	NS			
G-24-2	7.0	S	10/25/18	NM	NS	NS	NS	<0.025	**<0.025**	<0.025	**0.91**	<0.025	0.128	0.102	0.117	NS			
G-25-1	3.5	U	08/01/19	20.5	NS	NS	NS	<0.025	<0.025	<0.025	**1.95**	0.05	0.200	0.143	0.289	NS	0	1.25E-02	3.70E-07
HA-1-1	3.0	U	08/01/19	501.7	NS	NS	NS	**<0.25**	**9.4**	**<0.25**	**21.40**	0.37	**9.700**	**7.300**	**8.420**	NS	2	1.83E-01	5.20E-06
HA-2-1	3.0	U	08/01/19	516.0	NS	NS	NS	<0.25	0.259	<0.25	**7.40**	<0.25	1.330	0.890	0.92-1.17	NS	1	5.14E-02	1.50E-06
Groundwater RCL					**27**	-	-	**0.0051**	**1.57**	**0.027**	**0.6582**	**1.1072**	**1.3787**		**3.96**	-			
Non-Industrial Direct Contact RCL					**400**	-	-	**1.6**	**8.02**	**63.8**	**5.52**	**818**	**219**	**182**	**260**	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					**(800)**	-		**(7.07)**	**(35.4)**	**(282)**	(24.1)	(818)	**(219)**	**(182)**	**(260)**	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**260***	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.3 Residual Soil Analytical Results Table
(PAH)
Korth Property LUST Site BRRT'S# 03-45-002078

Sample	Depth (feet)	Saturation U/S	Date	Acenaph-thene (ppm)	Acenaph-thylene (ppm)	Anthracene (ppm)	Benzo(a) anthracene (ppm)	Benzo(a) pyrene (ppm)	Benzo(b) fluoranthene (ppm)	Benzo(g,h,i) perylene (ppm)	Benzo(k) fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h) anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd) pyrene (ppm)	1-Methyl-naphthalene (ppm)	2-Methyl-naphthalene (ppm)	Naph-thalene (ppm)	Phenan-threne (ppm)	Pyrene (ppm)	DIRECT CONTACT (PVOC + PAH) Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-11-1	3.5	U	04/10/17	1.89	0.51	1.29	0.257	**0.44**	**0.90**	0.56	0.213	**0.47**	**0.126**	0.46	2.71	0.38	9.40	1.31	**0.76**	6.10	1.71	**2**	0.0426	7.0E-06
G-15-1	3.5	U	04/10/17	4.30	1.32	1.52	**5.4**	**(8.60)**	**13.0**	8.20	4.10	**8.20**	**2.01**	5.30	6.80	**6.30**	**36.0**	9.70	**1.92**	14.3	6.60	**6**	0.5642	1.20E-04
G-16-1	3.5	U	04/11/17	4.00	1.08	1.86	0.228	**0.214**	**0.53**	0.292	0.136	**0.46**	0.078	0.67	5.10	0.161	14.4	23.0	**4.70**	10.4	2.14	**1**	0.1902	5.3E-06
G-22-1	3.5	U	04/11/17	1.01	0.47	0.68	<0.058	<0.0565	<0.065	<0.057	<0.0735	<0.0605	<0.039	<0.0735	2.06	<0.057	**20.5**	26.7	0.52	2.72	<0.0765	**1**	0.1419	1.7E-06
Groundwater RCL				---	---	**196.9492**	---	**0.47**	**0.4781**	---	---	**0.1442**	---	**88.8778**	**14.8299**	---	---	---	**0.6582**	---	**54.5455**			
Non-Industrial Direct Contact RCL				**3590**	---	**17900**	**1.14**	**0.115**	**1.15**	---	**11.5**	**115**	**0.115**	**2390**	**2390**	**1.15**	**17.6**	**239**	**5.52**	---	**1790**		**1.00E+00**	**1.00E-05**
Industrial Direct Contact RCL				**(45200)**	---	**(100000)**	**(20.8)**	**(2.11)**	**(21.1)**	---	**(211)**	**(2110)**	**(2.11)**	**(30100)**	**(30100)**	**(21.1)**	**(72.7)**	**(3010)**	**(24.1)**	---	**(22600)**			
Soil Saturation Concentration (C-sat)*				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold &Asteric * = C-sat Exceedance
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
PAH = Polynuclear Aromatic Hydrocarbons
PID = Photoionization Detector
VOC's = Volatile Organic Compounds

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.4 Vapor Analytical Table
Sub-Slab Sampling Data Table for Korth Property LUST Site BRRT'S# 03-45-002078
BY METCO

Sub-Slab Sampling conducted Conducted on:	9/19/2019	9/19/2019	9/19/2019	12/3/2019	12/3/2019	12/3/2019	WDNR Residential Sub-Slab Vapor Action Levels for Various VOCs Quick Look-Up Table Updated November, 2017	WDNR Small Commercial Sub-Slab Vapor Action Levels for Various VOCs Quick Look-Up Table Updated November, 2017	
Sample ID	SS-1	SS-2	SS-3	SS-1	SS-2	SS-3	(ug/m^3)	(ug/m^3)	
Benzene – ug/m^3	0.74	1.2	0.39	<0.47	<0.50	<0.50	120	530	c
Carbon Tetrachloride – ug/m^3	NS	NS	NS	NS	NS	NS	160	670	c
Chloroform – ug/m^3	NS	NS	NS	NS	NS	NS	40	180	c
Chloromethane – ug/m^3	NS	NS	NS	NS	NS	NS	3100	13000	n
Dichlorodifluoromethane – ug/m^3	NS	NS	NS	NS	NS	NS	3300	15000	n
1,1-Dichloroethane (1,1-DCA) – ug/m^3	NS	NS	NS	NS	NS	NS	600	2600	c
1,2-Dichloroethane (1,2-DCA) - ug/m^3	NS	NS	NS	NS	NS	NS	37	160	c
1,1-Dichloroethylene (1,1-DCE) – ug/m^3	NS	NS	NS	NS	NS	NS	7000	29000	n
1,2-Dichloroethylene (cis and trans) - ug/m^3	NS	NS	NS	NS	NS	NS	NA	NA	-
Ethylbenzene – ug/m^3	2.2	1.4	1.6	<1.3	<1.4	<1.4	370	1600	c
Methylene chloride – ug/m^3	NS	NS	NS	NS	NS	NS	21000	87000	n
Methyl Tert-Butyl Ether (MTBE) – ug/m^3	<0.95	<0.97	<1.0	<5.3	<5.7	<5.7	3700	16000	c
Naphthalene – ug/m^3	<1.9	4.6	7.3	<3.8	<4.1	<4.1	28	120	c
Tetrachloroethylene -ug/m^3	NS	NS	NS	NS	NS	NS	1400	6000	n
Toluene – ug/m^3	3.9	3.7	3.4	1.6	<1.2	1.2	170000	730000	n
1,1,1-Trichloroethane – ug/m^3	NS	NS	NS	NS	NS	NS	170000	730000	n
Trichloroethylene – ug/m^3	NS	NS	NS	NS	NS	NS	70	290	n
Trichlorofluoromethane (Halcarbon 11) – ug/m^3	NS	NS	NS	NS	NS	NS	NA	NA	-
Trimethylbenzene (1,2,4) – ug/m^3	2.5	2.8	4.5	<1.4	<1.5	<1.5	2100	8700	n
Trimethlybenzene (1,3,5) – ug/m^3	1.7	1.5	2.2	<1.4	<1.5	<1.5	2100	8700	n
Vinyl chloride – ug/m^3	NS	NS	NS	NS	NS	NS	57	930	c
Xylene (total) -ug/m^3	4.5	4.5	5.7	<3.8	<4.1	<4.1	3300	15000	n

ug/m^3 = Micrograms per cubic meter.
< = Less than the reporting limit indicated in parentheses.
Bold = Sub-Slab Standard Exceedance
NS = Not sampled
c = Carcinogen
n = Non Carcinogen
J = between Limit of Detection (LOD) and Limit of Quantitaion (LOQ)
*** Please note that other VOCs were detected that are not on the WDNR Sub-Slab Vapor Action Levels Quick Look-Up Table.**
B = Compound was found in th blank and sample
E = Result exceeded calibration range

A.6 Water Level Elevations
Korth Property LUST Site BRRT'S# 03-45-002078
Appleton, Wisconsin

	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
Ground Surface (feet msl)	813.53	813.31	813.90	814.33	813.94	813.34
PVC top (feet msl)	813.02	812.89	813.47	813.79	813.30	812.74
Well Depth (feet)	13.00	13.00	13.00	13.00	13.00	13.00
Top of screen (feet msl)	810.53	810.31	810.90	811.33	810.94	810.34
Bottom of screen (feet msl)	800.53	800.31	800.90	801.33	800.94	800.34
Depth to Water From Top of PVC (feet)						
09/20/17	3.65	4.56	3.98	4.86	4.46	NI
12/14/17	4.27	4.87	4.78	5.29	4.55	NI
08/28/18	3.82	3.60	2.62	4.20	2.21	NI
11/27/18	2.87	4.15	3.05	3.35	3.42	2.00
09/19/19	1.52	3.58	1.65	2.89	2.68	1.71
Depth to Water From Ground Surface (feet)						
09/20/17	4.16	4.98	4.41	5.40	5.10	NI
12/14/17	4.78	5.29	5.21	5.83	5.19	NI
08/28/18	4.33	4.02	3.05	4.74	2.85	NI
11/27/18	3.38	4.57	3.48	3.89	4.06	2.60
09/19/19	2.03	4.00	2.08	3.43	3.32	2.31
Groundwater Elevation (feet msl)						
09/20/17	809.37	808.33	809.49	808.93	808.84	NI
12/14/17	808.75	808.02	808.69	808.50	808.75	NI
08/28/18	809.20	809.29	810.85	809.59	811.09	NI
11/27/18	810.15	808.74	810.42	810.44	809.88	810.74
09/19/19	811.50	809.31	811.82	810.90	810.62	811.03

NI = Not Installed

A.7 Other
Groundwater NA Indicator Results
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
9/20/2017	2.47	6.70	28.10	19.81	2271	<0.17	21.7	0.22	**2330**
12/14/2017	0.30	6.81	36.00	11.80	2767	NS	NS	NS	NS
8/28/2018	2.51	6.79	-113.70	21.31	1931	NS	NS	NS	NS
11/27/2018	2.97	7.64	42.80	10.93	2203	NS	NS	NS	NS
9/19/2019	3.57	7.97	113.60	21.41	105	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
9/20/2017	2.14	6.84	-125.80	18.89	783	<0.17	9.56	0.1	**1070**
12/14/2017	1.70	6.91	36.00	13.0	949	NS	NS	NS	NS
8/28/2018	2.49	6.85	-113.60	20.86	941	NS	NS	NS	NS
11/27/2018	3.07	7.84	25.20	11.17	922	NS	NS	NS	NS
9/19/2019	3.59	7.55	-7.78	19.86	985	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
9/20/2017	2.77	6.95	-82.6	18.39	1441	<0.17	3.98	0.1	**1170**
12/14/2017	0.47	6.73	-78.00	13.0	1769	NS	NS	NS	NS
8/28/2018	2.41	6.91	-117.20	23.32	995	NS	NS	NS	NS
11/27/2018	3.16	7.83	30.60	9.53	938	NS	NS	NS	NS
9/19/2019	0.21	7.34	123.30	20.76	845	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

A.7 Other
Groundwater NA Indicator Results
Korth Property LUST Site BRRT'S# 03-45-002078

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
9/20/2017	2.54	6.82	16.3	18.34	1248	<0.17	6.58	0.15	**1420**
12/14/2017	0.50	6.55	28	12.8	1498	NS	NS	NS	NS
8/28/2018	2.70	6.73	-119.10	18.61	1654	NS	NS	NS	NS
11/27/2018	3.02	7.88	32.10	10.98	29.4	NS	NS	NS	NS
9/19/2019	1.22	7.13	166.80	18.34	1427	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
9/20/2017	2.09	6.91	60.90	16.07	702	<0.17	14.2	0.11	**732**
12/14/2017	1.70	6.91	36	13.0	949	NS	NS	NS	NS
8/28/2018	2.69	6.68	23.00	18.56	806	NS	NS	NS	NS
11/27/2018	3.03	7.85	38.40	11.13	781	NS	NS	NS	NS
9/19/2019	1.42	7.31	204.10	17.24	847	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-6

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
11/27/2018	3.29	8.44	-0.6	7.48	639	NS	NS	NS	NS
9/19/2019	4.85	8.03	172.90	21.17	44	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

A.7 Other
Korth Property
Slug Test Calculations

MW-1

	ft/s	cm/s	m/yr
K	3.63E-05	1.11E-03	348.92
	sq ft/s	**sq cm/s**	
T	3.39E-04	3.15E-01	

MW-4

	ft/s	cm/s	m/yr
K	5.99E-05	1.83E-03	575.77
	sq ft/s	**sq cm/s**	
T	4.87E-04	4.52E-01	

MW-5

	ft/s	cm/s	m/yr
K	3.25E-05	9.91E-04	312.40
	sq ft/s	**sq cm/s**	
T	2.77E-04	2.57E-01	

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
9/20/2017	809.25	808.50	20	0.0375000
12/14/2017	808.70	808.20	20	0.0250000
8/28/2018	811.00	809.50	48	0.0312500
11/27/2018	810.50	809.00	65	0.0230769
9/19/2019	811.50	809.50	24	0.0833333
Average				0.0400321

	K (m/yr)	I	n	Flow Velocity (m/yr)
MW-1	348.92	0.0400321	0.3	46.55994
MW-4	575.77	0.0400321	0.3	76.83085
MW-5	312.4	0.0400321	0.3	41.68671

Attachment B/Maps and Figures

B.1 Location Maps

B.1.a Location Map

B.1.b Detailed Site Map

B.1.c RR Site Map

B.2 Soil Figures

B.2.a Soil Contamination

B.2.b Residual Soil Contamination

B.3 Groundwater Figures

B.3.a.1 Geologic Cross-Section Map

B.3.a.2 Geologic Cross-Section

B.3.b Groundwater Isoconcentration

B.3.c Groundwater Flow Direction

B.3.d Monitoring Wells

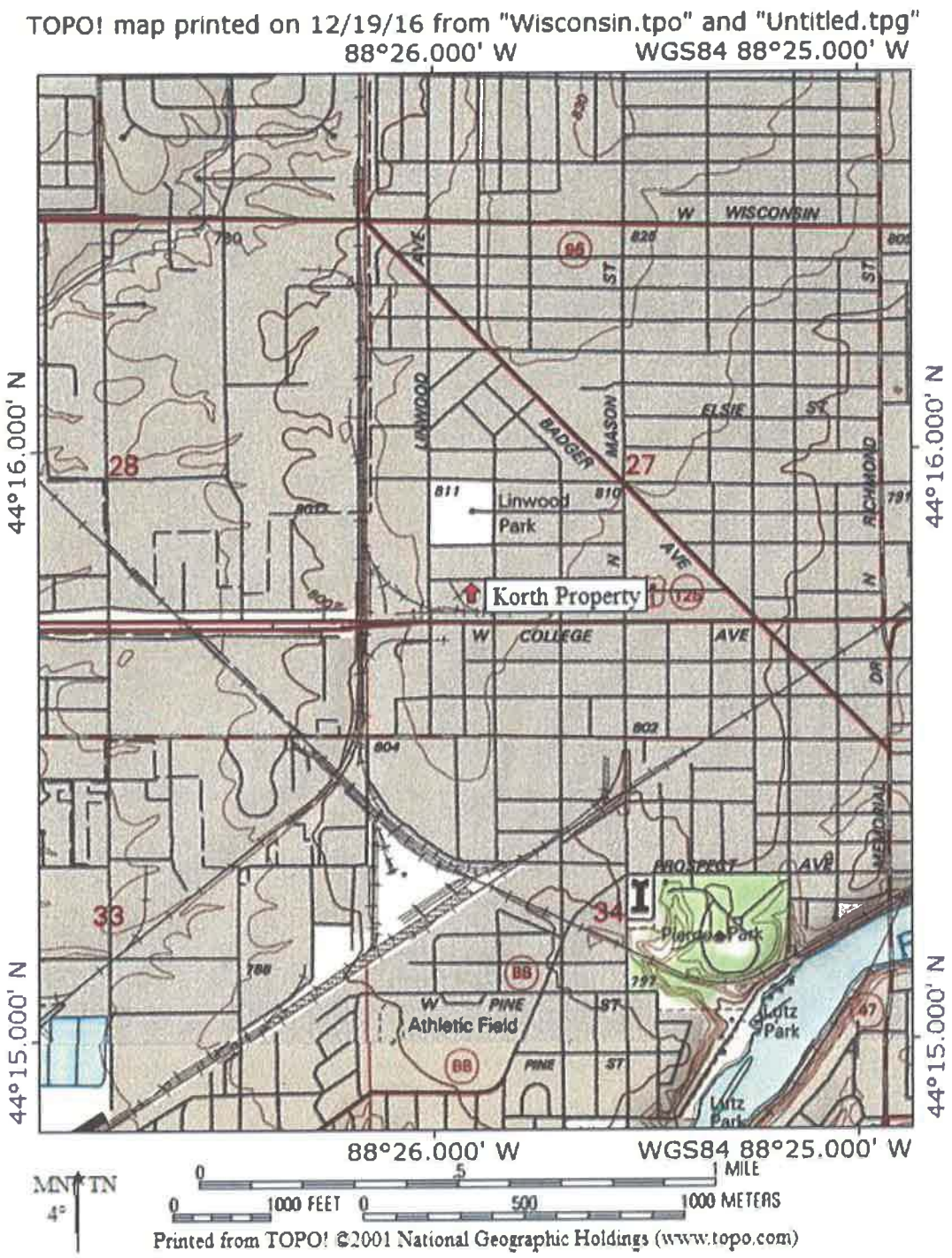
B.4 Vapor Maps and Other Media

B.4.a Vapor Intrusion Map

B.4.b Other media of concern - No surface waters or sediments were assessed as part of the site investigation.

B.4.c Other – Not applicable.

B.5 Structural Impediment Photos – There were no structural impediments to the completion of the investigation.



B.1.a LOCATION MAP
CONTOUR INTERVAL 10 FEET
KORTH PROPERTY – APPLETON, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

B.I.b. DETAILED SITE MAP

KORTH PROPERTY

METCO
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La Crosse, WI 54603
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Fax: (608) 781-5853

APPLETON, WISCONSIN

DRAWN BY: ED
DATE: 12/9/15

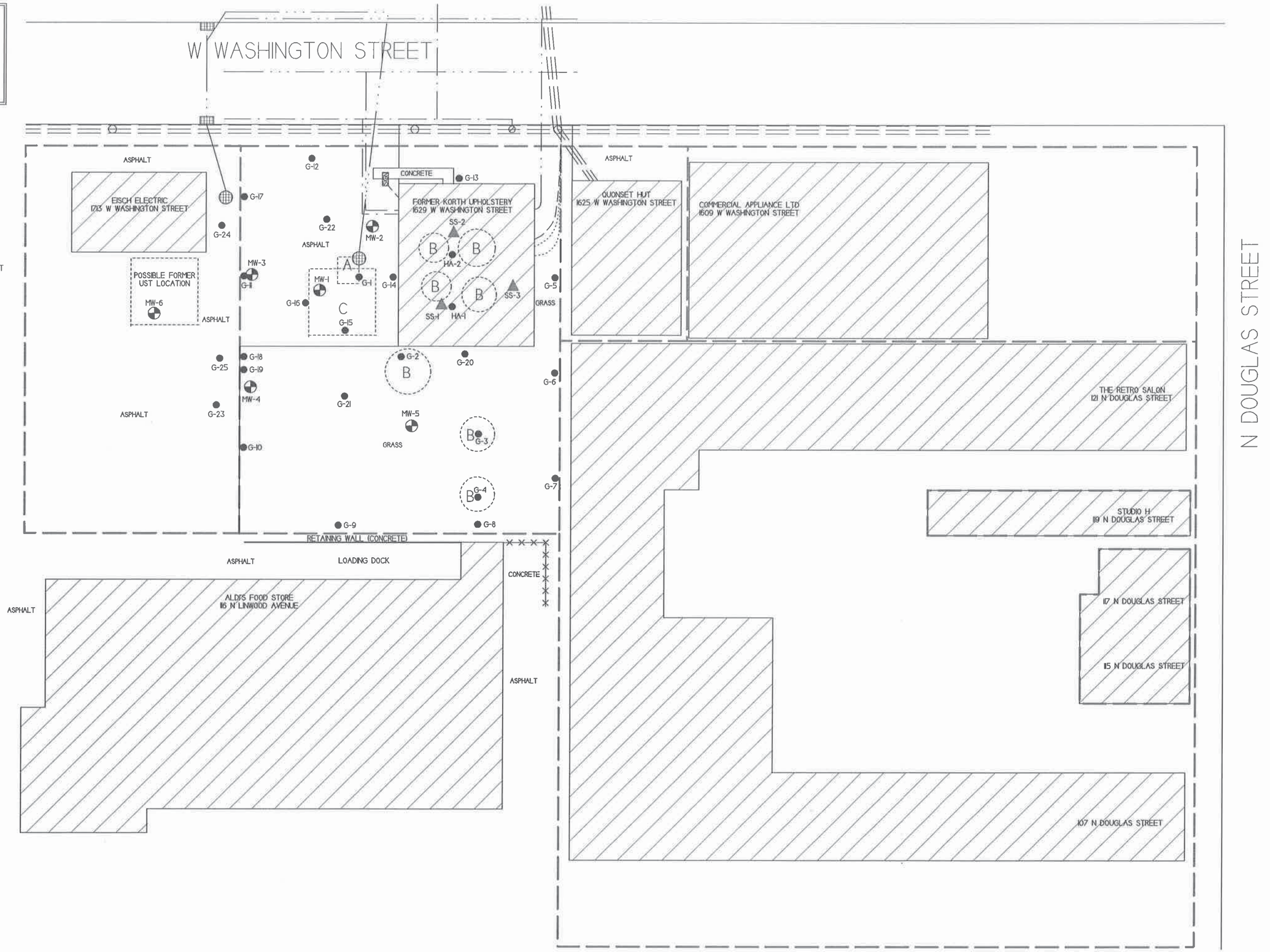
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ◐ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

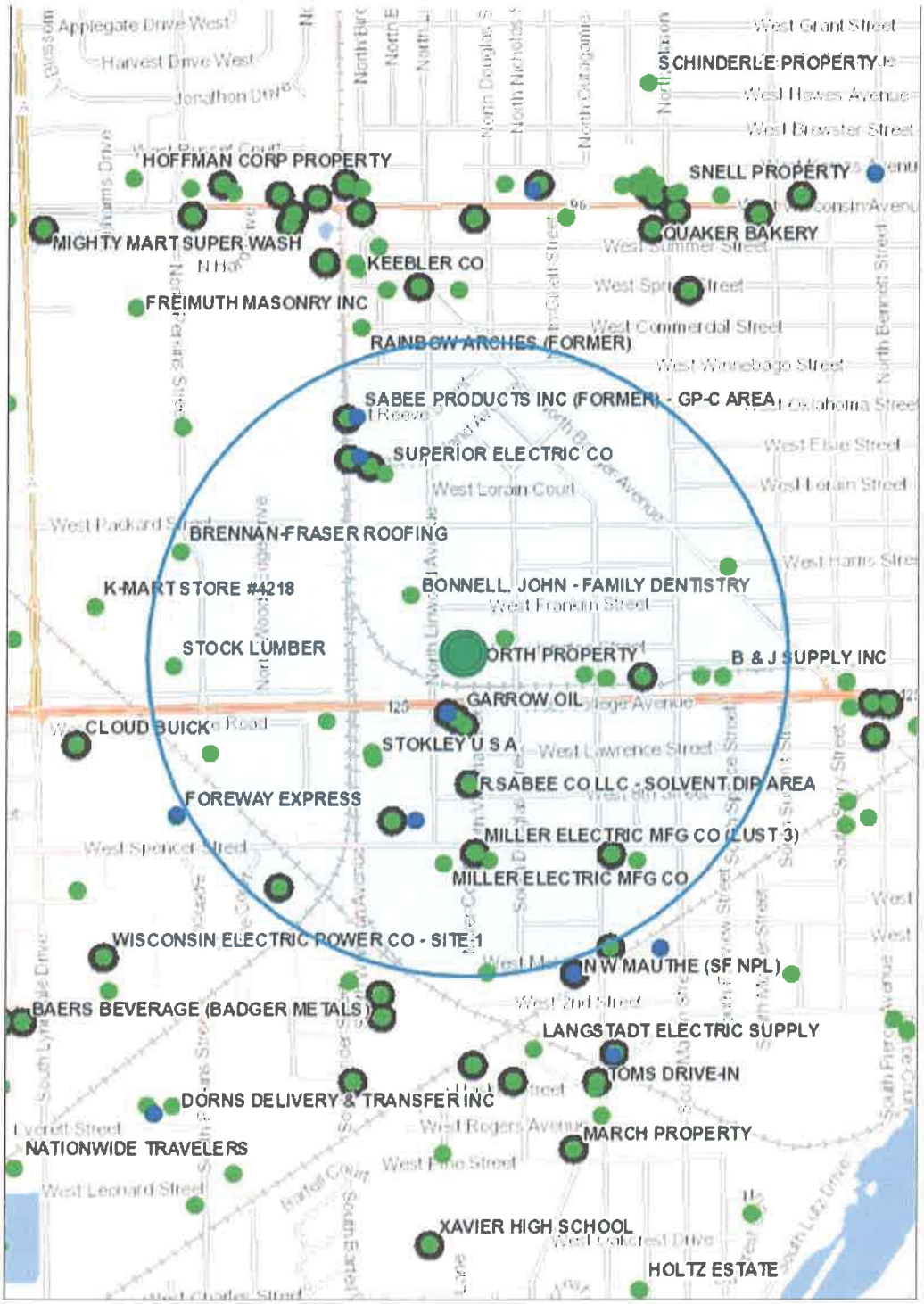
A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40



B.1.c. RR Site Map



Legend

- Open Site
- Closed Site
- Continuing Obligations Apply
- Facility-wide Site

0.5 0 Distance / 2 0.5 Miles

1: 15,840

NAD_1983_HARN_Wisconsin_TM

Note: Not all sites are mapped.

Notes

B.2.a. SOIL CONTAMINATION
KORTH PROPERTY

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Excellence through Experience

APPLETON, WISCONSIN
DRAWN BY: ED
DATE: 12/16/16

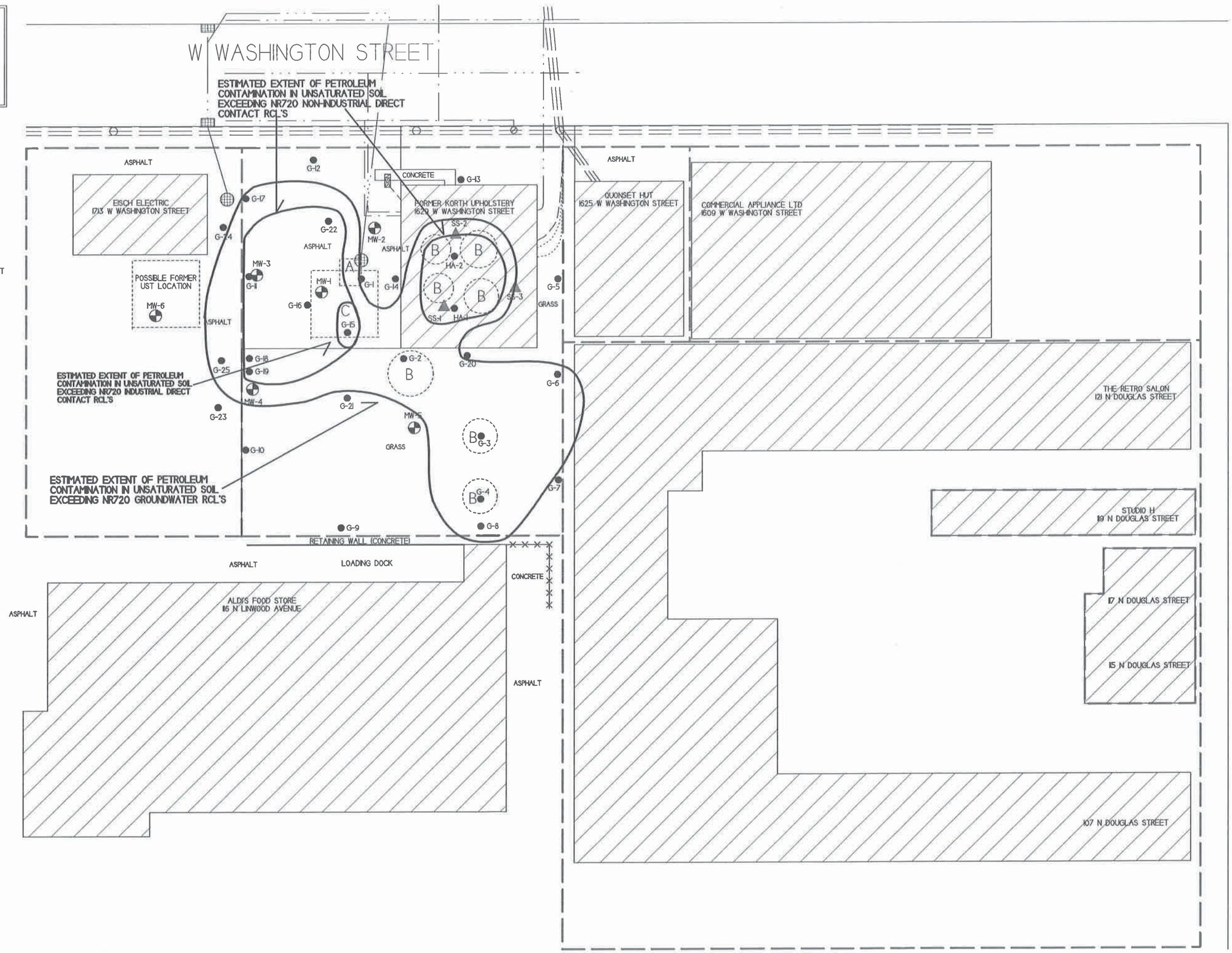
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40



B.2.b. RESIDUAL CONTAMINATION
SOIL CONTAMINATION MAP

KORTH PROPERTY

METCO
APPLETON, WISCONSIN
DRAWN BY: BD
DATE: 6/15/15

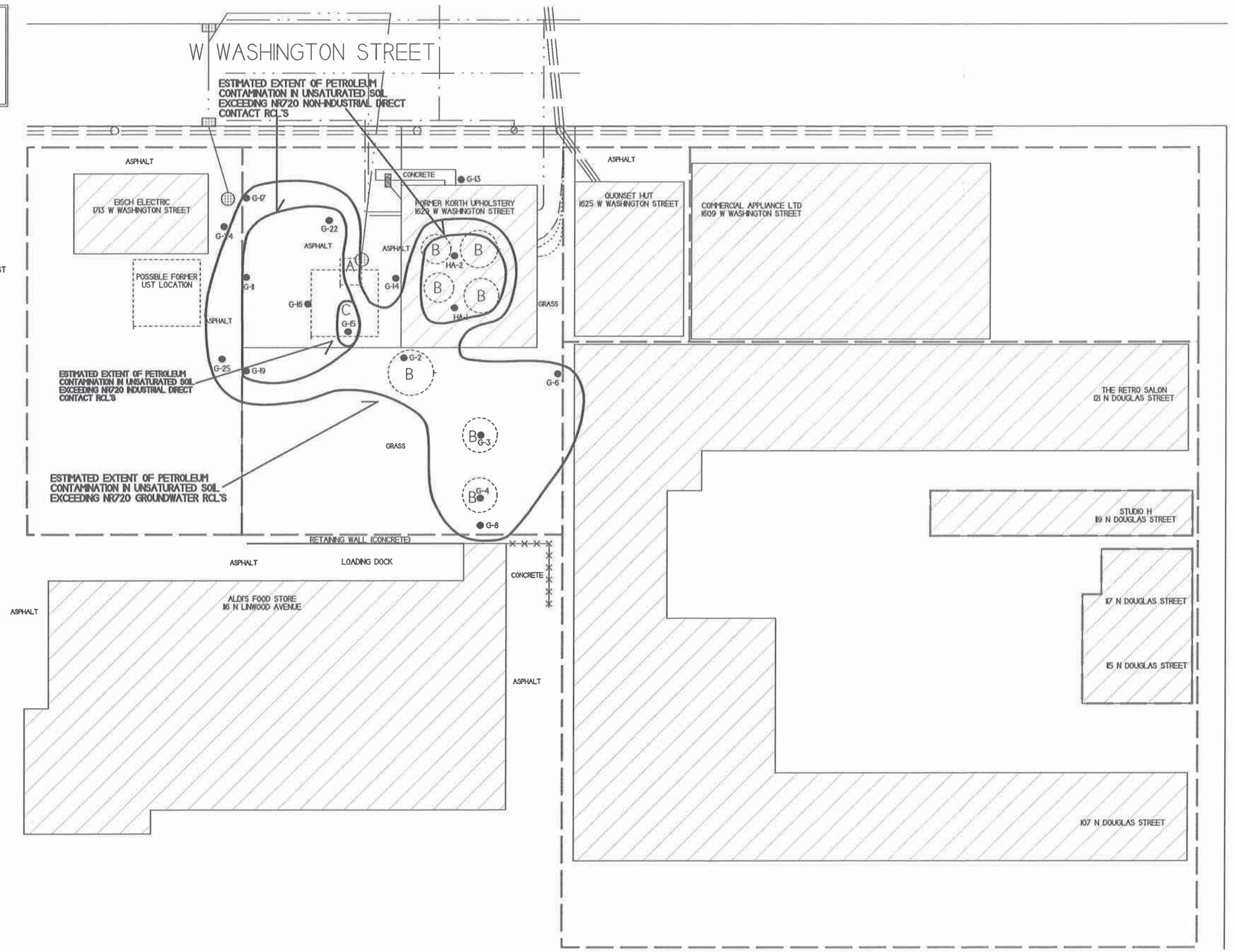
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40



B.3.a. GEOLOGIC CROSS SECTION MAP
KORTH PROPERTY

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Excellence through experience

APPLETON, WISCONSIN

DRAWN BY: ED
DATE: 12/18/16

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

ASPHALT
EISCH ELECTRIC
1713 W WASHINGTON STREET
POSSIBLE FORMER UST LOCATION
CONCRETE
FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET
GRASS
QUONSET HUT
1625 W WASHINGTON STREET
COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET
THE RETRO SALON
121 N DOUGLAS STREET
STUDIO H
119 N DOUGLAS STREET
117 N DOUGLAS STREET
115 N DOUGLAS STREET
107 N DOUGLAS STREET
N DOUGLAS STREET
ES
PAL
RETAINING WALL (CONCRETE)
LOADING DOCK
ALDI'S FOOD STORE
116 N LINWOOD AVENUE

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6
G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-17 G-18 G-19 G-20 G-21 G-22 G-23 G-24 G-25
SS-1 SS-2 SS-3 HA-1 HA-2
A A' B C

B.3.a.2 GEOLOGIC CROSS SECTION

KORTH PROPERTY

METCO
709 Gillette Street, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

APPLETON, WISCONSIN

DRAWN BY: JJ
DATE: 3/6/18

NOTE: SOIL RESULTS SHOW DETECTS AND EXCEEDANCES THAT HAVE BEEN DOCUMENTED ON THE MAP. SEE DATA TABLES AND/OR LABORATORY REPORTS FOR ALL RESULTS

NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE FOLLOWING EVENTS:
- GEOPROBE PROJECT (4/10-11/17)
- DRILLING PROJECT (7/10-11/17)
- ROUND 5 GROUNDWATER SAMPLING (9/19/19)

- ◔ - MONITORING WELL LOCATION
- ● - SOIL BORING LOCATION
- ✕ - SOIL SAMPLING LOCATION
- ▼ - WATERTABLE (BASED ON ALL-TIME LOW WATER TABLE

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

SOIL SAMPLE RESULTS ARE PRESENTED IN PARTS PER MILLION (PPM).

GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB).

GROUNDWATER FLOW VARIES TOWARD THE NORTHEAST AND SOUTHWEST.

ND - NO DETECT
PID - PHOTO IONIZATION DETECTOR
GRO - GASOLINE RANGE ORGANICS
DRO - DIESEL RANGE ORGANICS
PAH - POLYNUCLEAR AROMATIC HYDROCARBONS
PVOC - PETROLEUM VOLATILE ORGANIC COMPOUNDS
B - BENZENE
BP - BENZO(A)PYRENE
BF - BENZO(B)FLUORANTHENE
C - CHRYSENE
E - ETHYLBENZENE
MTBE - METHYL-TERT-BUTYL-ETHER
N - NAPHTHALENE
T - TOLUENE
TMB - TRIMETHYLBENZENE
TPH - TOTAL PETROLEUM HYDROCARBONS
X - XYLENE

HORIZONTAL SCALE:
1 INCH = 20 FEET
0 20

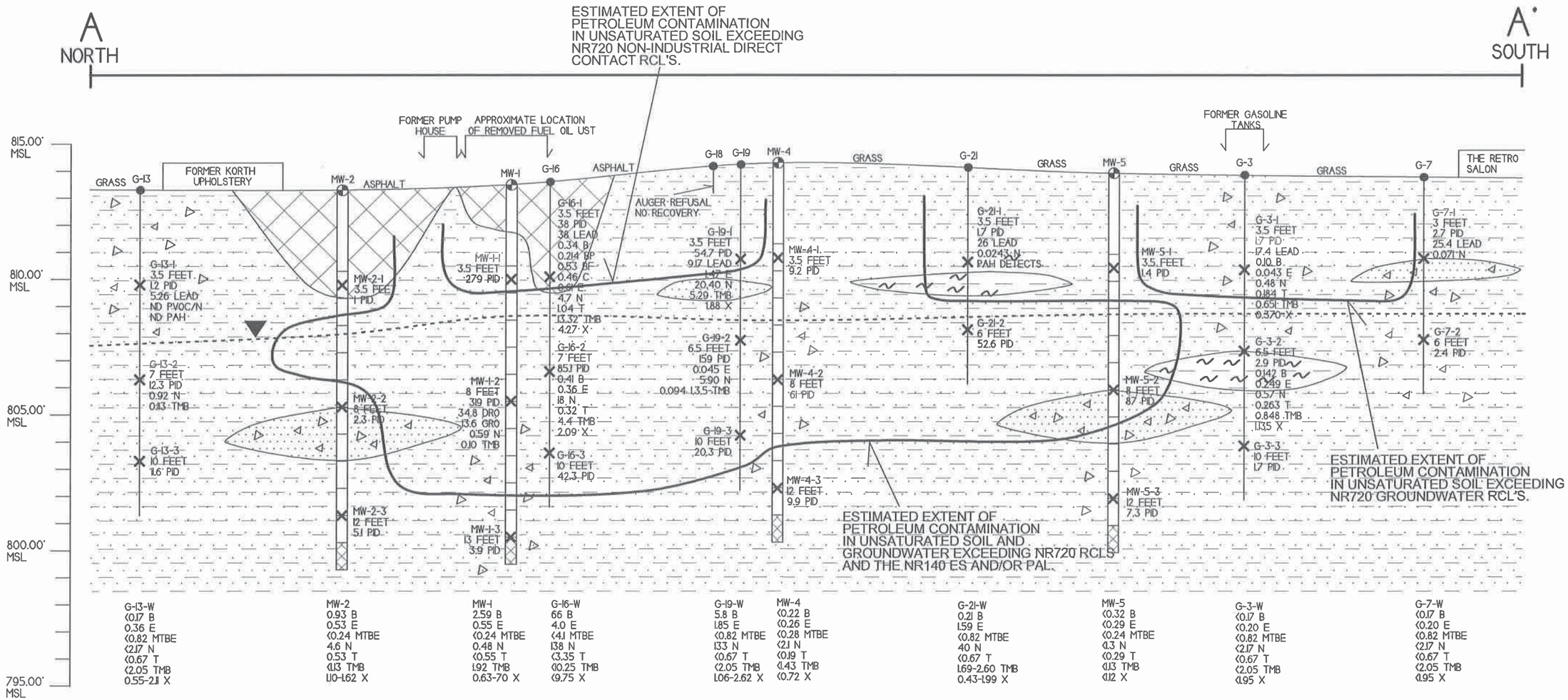
VERTICAL SCALE:
1 INCH = 4 FEET
4 0

BROWN TO BLACK VERY FINE TO MEDIUM GRAINED SAND WITH SOME GRAVEL

TAN TO BROWN TO REDDISH BROWN SILT/CLAY TO SANDY SILT/CLAY WITH SOME GRAVEL

BLACK PEAT TO CLAYEY PEAT

FILL MATERIAL (SAND, SILT, AND GRAVEL)



G-13-W	MW-2	MW-1	G-16-W	G-19-W	MW-4	G-21-W	MW-5	G-3-W	G-7-W
<0.17 B	0.93 B	2.59 B	66 B	5.8 B	<0.22 B	0.21 B	<0.32 B	<0.17 B	<0.17 B
0.36 E	0.53 E	0.55 E	4.0 E	1.85 E	<0.26 E	1.59 E	<0.29 E	<0.20 E	<0.20 E
<0.82 MTBE	<0.24 MTBE	<0.24 MTBE	<4.1 MTBE	<0.82 MTBE	<0.28 MTBE	<0.82 MTBE	<0.24 MTBE	<0.82 MTBE	<0.82 MTBE
<2.17 N	4.6 N	0.48 N	138 N	1.33 N	2.1 N	40 N	1.3 N	<2.17 N	<2.17 N
<0.67 T	0.53 T	<0.55 T	<3.35 T	<0.67 T	0.19 T	<0.67 T	<0.29 T	<0.67 T	<0.67 T
<2.05 TMB	1.13 TMB	1.92 TMB	<10.25 TMB	<2.05 TMB	1.43 TMB	1.69-2.60 TMB	1.13 TMB	<2.05 TMB	<2.05 TMB
0.55-2.11 X	1.10-1.62 X	0.63-70 X	<9.75 X	1.06-2.62 X	<0.72 X	0.43-1.99 X	1.12 X	1.95 X	1.95 X

B.3.b GROUNDWATER ISOCONCENTRATION (9/19/19)

KORTH PROPERTY

METCO
709 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8979
Fax: (608) 781-8693
"Excellence through experience"

APPLETON, WISCONSIN

DRAWN BY: ED
DATE: 9/20/19

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A = FORMER PUMP HOUSE - 1970 SANBORN MAP
B = FORMER GASOLINE TANKS - 1970 SANBORN MAP
C = APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

N DOUGLAS STREET

ASPHALT
EISCH ELECTRIC
1713 W WASHINGTON STREET
POSSIBLE FORMER UST LOCATION
MW-6
CONCRETE
FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET
QUONSET HUT
1625 W WASHINGTON STREET
COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET
GRASS
THE RETRO SALON
121 N DOUGLAS STREET
STUDIO H
119 N DOUGLAS STREET
117 N DOUGLAS STREET
115 N DOUGLAS STREET
107 N DOUGLAS STREET
ALDI'S FOOD STORE
116 N LINWOOD AVENUE
LOADING DOCK
RETAINING WALL (CONCRETE)
ES
PAL
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL
G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-18 G-19 G-20 G-21 G-23 G-24 G-25
MW-1 MW-2 MW-3 MW-4 MW-5
SS-1 SS-2 SS-3 HA-1 HA-2

B.3.c. GROUND WATER FLOW MAP 9/19/19

KORTH PROPERTY

METCO
700 Columbia St. Suite B
La Crosse, WI. 54601
Tel: (608) 781-9575
Fax: (608) 781-9593
Excellence through experience

APPLETON
WISCONSIN

DRAWN BY: BD
DATE: 10/4/19

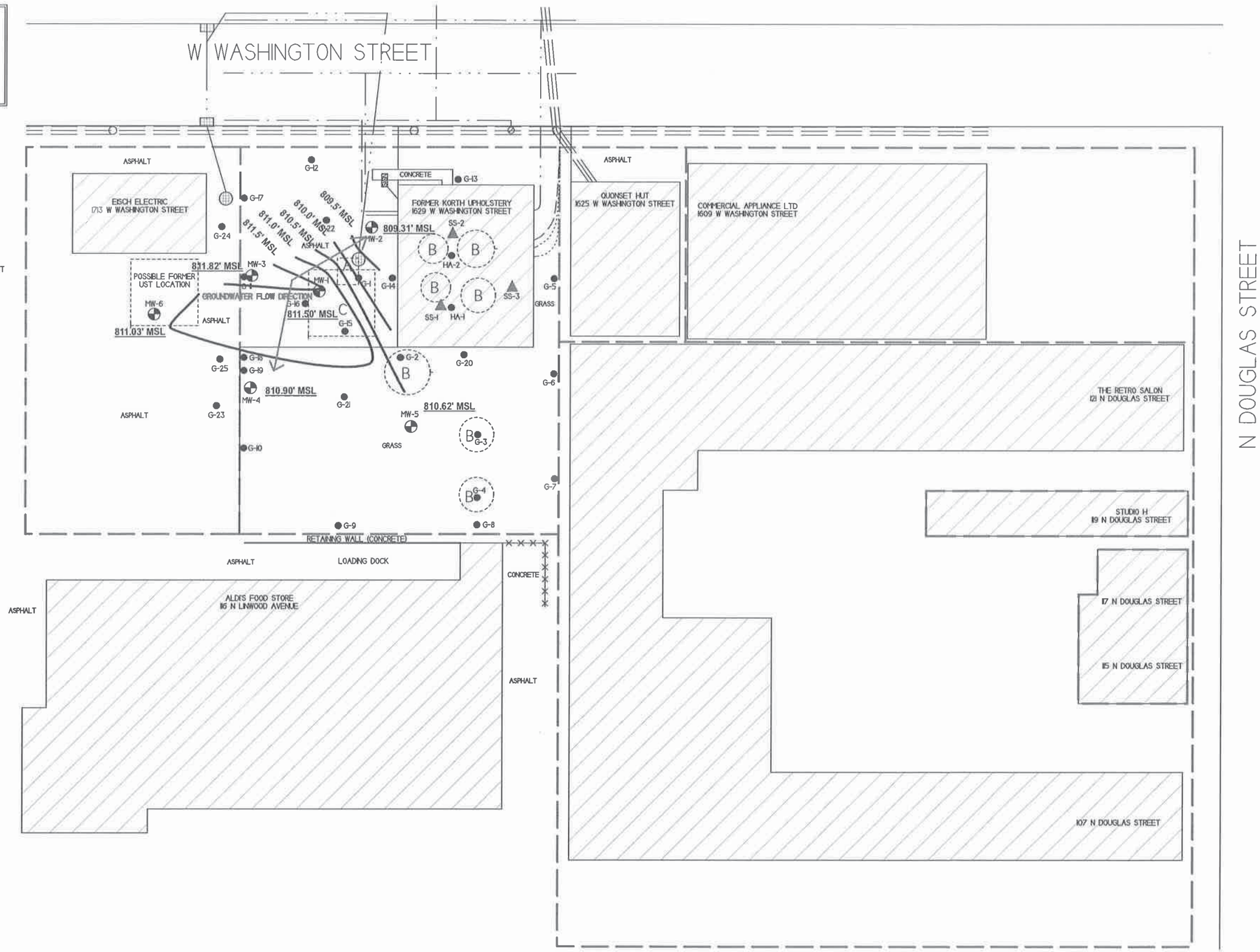
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN
- ◍ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40



B.3.d. MONITORING WELLS
KORTH PROPERTY

METCO
209 Gillette St, Suite 3
La Crosse, WI 54603
Tel: (608) 781-8878
Fax: (608) 781-8883
Excellence through experience

APPLETON, WISCONSIN
DRAWN BY: ED
DATE: 12/19/08

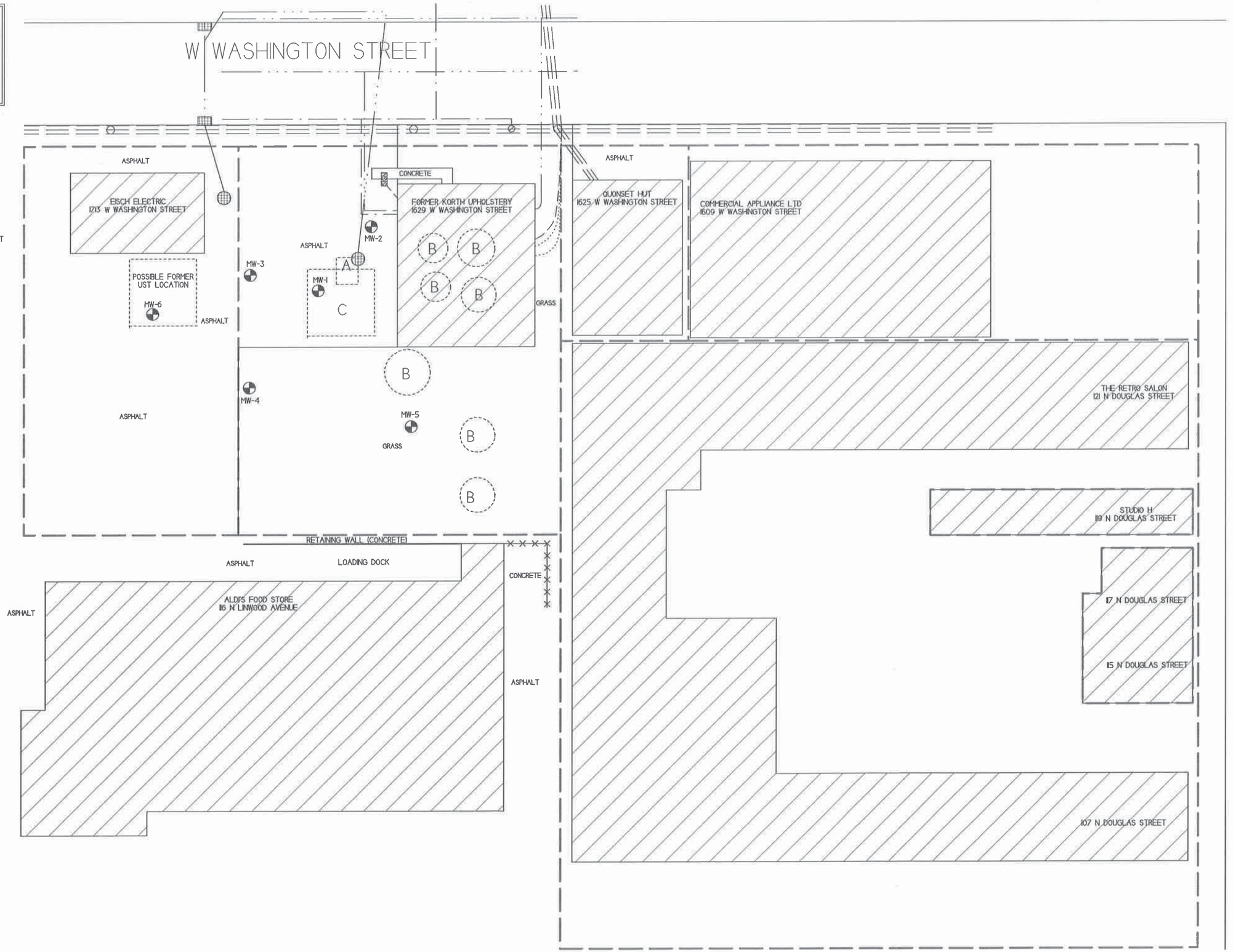
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

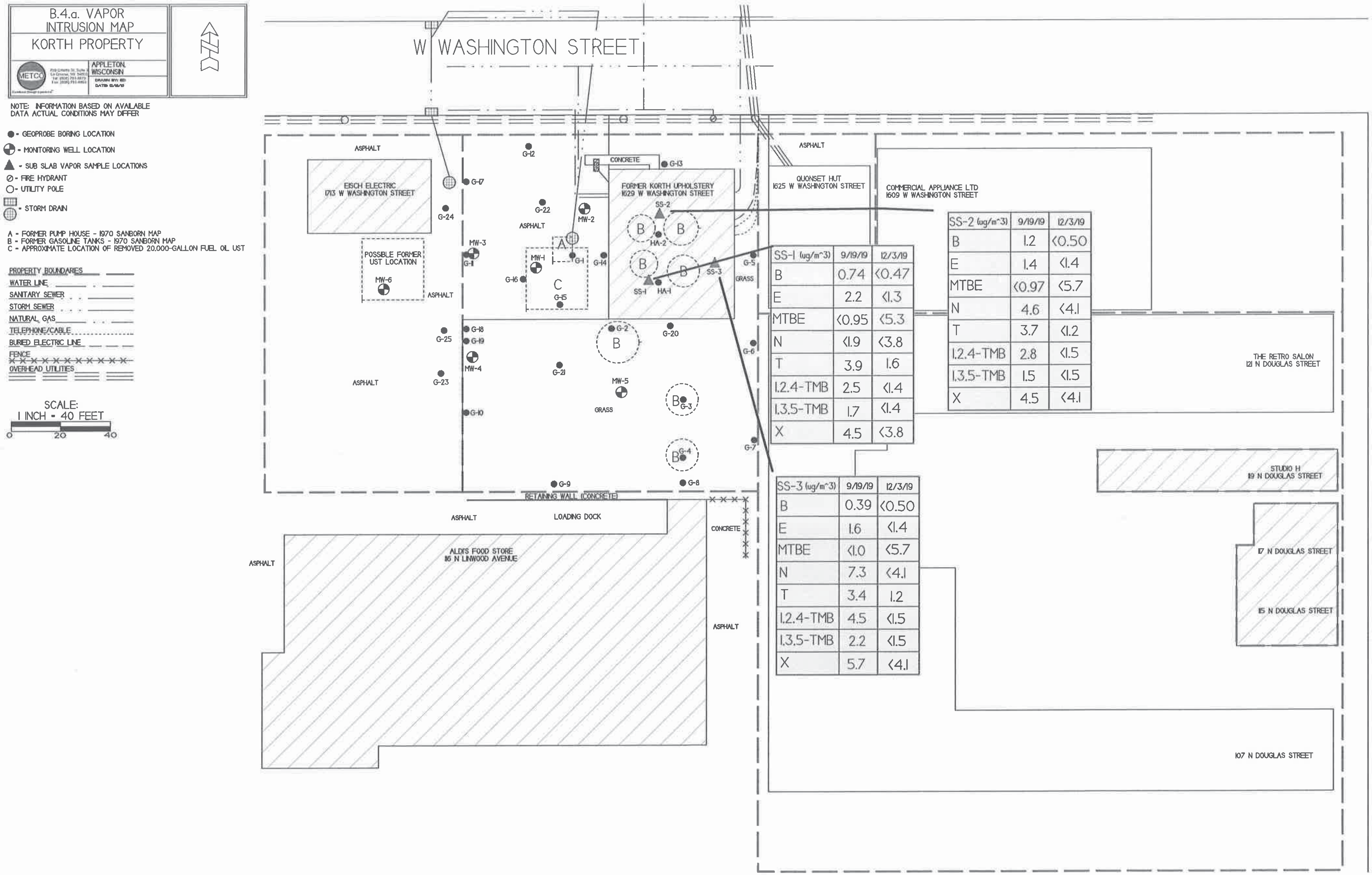
- ⊕ - MONITORING WELL LOCATION (PROPOSED TO BE ABANDONED)
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN
- ◍ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40




B.4.a. VAPOR INTRUSION MAP
KORTH PROPERTY
METCO
APPLETON, WISCONSIN
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER
- GEOPROBE BORING LOCATION
- MONITORING WELL LOCATION
- SUB SLAB VAPOR SAMPLE LOCATIONS
- FIRE HYDRANT
- UTILITY POLE
- STORM DRAIN
A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST
PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES
SCALE:
1 INCH = 40 FEET
0
20
40
W WASHINGTON STREET
N DOUGLAS STREET
ASPHALT
EISCH ELECTRIC
1713 W WASHINGTON STREET
POSSIBLE FORMER UST LOCATION
MW-6
CONCRETE
FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET
QUONSET HUT
1625 W WASHINGTON STREET
COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET
SS-1
SS-2
SS-3
HA-1
HA-2
MW-1
MW-2
MW-3
MW-4
MW-5
G-1
G-2
G-3
G-4
G-5
G-6
G-7
G-8
G-9
G-10
G-11
G-12
G-13
G-14
G-15
G-16
G-17
G-18
G-19
G-20
G-21
G-22
G-23
G-24
G-25
GRASS
RETAINING WALL (CONCRETE)
LOADING DOCK
ALDI'S FOOD STORE
116 N LINWOOD AVENUE
THE RETRO SALON
121 N DOUGLAS STREET
STUDIO H
119 N DOUGLAS STREET
117 N DOUGLAS STREET
115 N DOUGLAS STREET
107 N DOUGLAS STREET

SS-1 (ug/m^3)	9/19/19	12/3/19
B	0.74	<0.47
E	2.2	<1.3
MTBE	<0.95	<5.3
N	<1.9	<3.8
T	3.9	1.6
1,2,4-TMB	2.5	<1.4
1,3,5-TMB	1.7	<1.4
X	4.5	<3.8

SS-2 (ug/m^3)	9/19/19	12/3/19
B	1.2	<0.50
E	1.4	<1.4
MTBE	<0.97	<5.7
N	4.6	<4.1
T	3.7	<1.2
1,2,4-TMB	2.8	<1.5
1,3,5-TMB	1.5	<1.5
X	4.5	<4.1

SS-3 (ug/m^3)	9/19/19	12/3/19
B	0.39	<0.50
E	1.6	<1.4
MTBE	<1.0	<5.7
N	7.3	<4.1
T	3.4	1.2
1,2,4-TMB	4.5	<1.5
1,3,5-TMB	2.2	<1.5
X	5.7	<4.1

Attachment C/Documentation of Remedial Action

C.1 Site Investigation documentation – All site investigation activities were previously submitted to the WDNR in the following reports:

- Site Investigation Report – April 2018
- Letter Report – January 2019
- Letter Report – October 2019

Work completed since the last submittal to the WDNR includes the following:

- **On December 3, 2019, Braun Intertec collected three sub-slab vapor samples from the existing ports in the source property building at 1629 West Washington Street. The sub-slab vapor samples were analyzed for PVOC and Naphthalene (TO-15).**

C.2 Investigative waste

C.3 Provide a description of the methodology used along with all supporting documentation if the Residual Contaminant Levels are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.goc/topic/brownfields.Professionals.html\ - Residual Contaminant Levels (RCLs) were established in accordance with NR 720.10 and NR 720.12. Soil RCL for the protection of the groundwater pathway and for non-industrial direct contact were taken from the RR programs RCL spreadsheet.

C.4 Construction documentation – No remedial systems were installed.

C.5 Decommissioning of Remedial Systems – No remedial systems were installed.

C.6 Other – Not Applicable

BRAUN INTERTEC

Vapor Pin® Installation and Soil Vapor Sampling Form

Project No.:	B1909352.00	Sample ID:	SS-1
Project Name:	North Property	Date:	12-3-19
Location:	Appleton, WI	Personnel:	DB

Radon or VOC mitigation system in building? ☐ Present ☐ Operating

Equipment

- ☑ Air canister & connectors
- ☑ Air Chain-of-Custody form
- ☑ Hammer drill and bit(s)
- ☑ Extension cord
- ☑ Shut-in Test assembly
- ☑ Vapor Pin® kit
- ☑ Vapor Pin® toolbox
- ☑ PID #_____
- ☑ Covers (permanent installation)
- ☑ Shop-Vac / broom & dustpan
- ☑ Concrete patch

Vapor Pin® Installation

Installation Date: 12-3-19

Installation Type:
- ☐ Temporary
- ☑ Permanent
  - ☑ Stainless steel cover
  - ☐ Plastic cover

Concrete Thickness (inches): [ ]

☐ Concrete patch (if temporary)

Sketch of pin location with measurements to walls:

Soil Vapor Sampling

Relative sub-slab pressure (±pascals): 0.0

☑ Water dam test passed

☑ Shut-in test passed

☑ Purged 200 mL air prior to sampling

Sampling Canister ID: 0601
☐ 1 Liter ☒ 6 Liters

Flow Controller ID: 1678
☐ None ☒ 200 mL/min

Canister Vacuum on Label ("Hg): -30

Canister Initial Vacuum ("Hg): -28

Do not use the canister if the difference between the label and initial vacuum is >4"Hg or if the initial is <25"Hg.

Collection Start Time: 15:37:30

The final vacuum must be <5"Hg or at least 20"Hg less than the initial vacuum.

Canister Final Vacuum ("Hg): -3

Collection End Time: 16:18:00

PID Reading (ppm): 0.1

Notes:

BRAUN INTERTEC

Vapor Pin® Installation and Soil Vapor Sampling Form

Project No.:	B1909852.00	Sample ID:	SS-2
Project Name:		Date:	12-3-19
Location:		Personnel:	DB

Radon or VOC mitigation system in building? ☐ Present ☐ Operating

Equipment

- ☐ Air canister & connectors
- ☐ Air Chain-of-Custody form
- ☐ Hammer drill and bit(s)
- ☐ Extension cord
- ☐ Shut-in Test assembly
- ☐ Vapor Pin® kit
- ☐ Vapor Pin® toolbox
- ☐ PID #_____
- ☐ Covers (permanent installation)
- ☐ Shop-Vac / broom & dustpan
- ☐ Concrete patch

Vapor Pin® Installation

Installation Date: 12-3-19

Installation Type:
- ☐ Temporary
- ☐ Permanent
  - ☐ Stainless steel cover
  - ☐ Plastic cover

Concrete Thickness (inches):

☐ Concrete patch (if temporary)

Sketch of pin location with measurements to walls:

Soil Vapor Sampling

Relative sub-slab pressure (±pascals): 0.0

☑ Water dam test passed

☑ Shut-in test passed

☑ Purged 200 mL air prior to sampling

Sampling Canister ID: 1577
☐ 1 Liter ☑ 6 Liters

Flow Controller ID: 0910
☐ None ☑ 200 mL/min

Canister Vacuum on Label ("Hg): -30

Canister Initial Vacuum ("Hg): -27.5

Do not use the canister if the difference between the label and initial vacuum is >4"Hg or if the initial is <25"Hg.

Collection Start Time: 15:33:00

The final vacuum must be <5"Hg or at least 20"Hg less than the initial vacuum.

Canister Final Vacuum ("Hg): -3

Collection End Time: 16:09:00

PID Reading (ppm): 0.0

Notes:

BRAUN INTERTEC

Vapor Pin® Installation and Soil Vapor Sampling Form

Project No.:	B1909352.00	Sample ID:	SS-3
Project Name:	Korth Property	Date:	12-3-19
Location:	Appleton, WI	Personnel:	DB

Radon or VOC mitigation system in building? ☐ Present ☐ Operating

Equipment

- ☑ Air canister & connectors
- ☑ Air Chain-of-Custody form
- ☐ Hammer drill and bit(s)
- ☑ Extension cord
- ☑ Shut-in Test assembly
- ☑ Vapor Pin® kit
- ☑ Vapor Pin® toolbox
- ☐ PID # 0070
- ☑ Covers (permanent installation)
- ☑ Shop-Vac / broom & dustpan
- ☒ Concrete patch

Vapor Pin® Installation

Installation Date: 12-3-19

Installation Type:
- ☐ Temporary
- ☐ Permanent
  - ☐ Stainless steel cover
  - ☐ Plastic cover

Concrete Thickness (inches):

☐ Concrete patch (if temporary)

Sketch of pin location with measurements to walls:

Soil Vapor Sampling

Relative sub-slab pressure (±pascals): 0.0

☑ Water dam test passed

☑ Shut-in test passed

☑ Purged 200 mL air prior to sampling

Sampling Canister ID: 3394
☐ 1 Liter ☑ 6 Liters

Flow Controller ID: 0787
☐ None ☑ 200 mL/min

Canister Vacuum on Label ("Hg): -30

Canister Initial Vacuum ("Hg): -28

Do not use the canister if the difference between the label and initial vacuum is >4"Hg or if the initial is <25"Hg.

Collection Start Time: 15:40:00

The final vacuum must be <5"Hg or at least 20"Hg less than the initial vacuum.

Canister Final Vacuum ("Hg): -3.5

Collection End Time: 16:16:00

PID Reading (ppm): 0.1

Notes:

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

December 12, 2019

Nicholas Stingl
Braun Intertec
2309 Palace Sreet
La Crosse, WI 54603

RE: Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Dear Nicholas Stingl:
Enclosed are the analytical results for sample(s) received by the laboratory on December 06, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Bob Michels
bob.michels@pacelabs.com
(612)709-5046
Project Manager

Enclosures

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Pace Analytical Services Minneapolis

A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Massachusetts DWP Certification #: via MN 027-053-137
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10501852001	SS-1	Air	12/03/19 16:18	12/06/19 13:30
10501852002	SS-2	Air	12/03/19 16:09	12/06/19 13:30
10501852003	SS-3	Air	12/03/19 16:16	12/06/19 13:30
10501852004	Unused Can #3474	Air		12/06/19 13:30

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10501852001	SS-1	TO-15	NCK	9	PASI-M
10501852002	SS-2	TO-15	NCK	9	PASI-M
10501852003	SS-3	TO-15	NCK	9	PASI-M

Pace Analytical Services, LLC
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Minneapolis, MN 55414
(612)607-1700

SUMMARY OF DETECTION

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
10501852001	**SS-1**					
TO-15	Toluene	1.6	ug/m3	1.1	12/11/19 23:23	
10501852003	**SS-3**					
TO-15	Toluene	1.2	ug/m3	1.2	12/12/19 00:21	

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PROJECT NARRATIVE

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Method: TO-15
Description: TO15 MSV AIR (TICS)
Client: Braun Intertec Corporation
Date: December 12, 2019

General Information:
3 samples were analyzed for TO-15. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

QC Batch: 649368

CH: The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.

- LCS (Lab ID: 3492534)
  - Methyl-tert-butyl ether

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 649368

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

- LCS (Lab ID: 3492534)
  - Methyl-tert-butyl ether

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Sample: SS-1 **Lab ID: 10501852001** Collected: 12/03/19 16:18 Received: 12/06/19 13:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)	Analytical Method: TO-15								
Benzene	ND	ug/m3	0.47	0.22	1.44		12/11/19 23:23	71-43-2	
Ethylbenzene	ND	ug/m3	1.3	0.44	1.44		12/11/19 23:23	100-41-4	
Methyl-tert-butyl ether	ND	ug/m3	5.3	0.95	1.44		12/11/19 23:23	1634-04-4	
Naphthalene	ND	ug/m3	3.8	1.9	1.44		12/11/19 23:23	91-20-3	
Toluene	**1.6**	ug/m3	1.1	0.51	1.44		12/11/19 23:23	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/m3	1.4	0.65	1.44		12/11/19 23:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.4	0.57	1.44		12/11/19 23:23	108-67-8	
m&p-Xylene	ND	ug/m3	2.5	1.0	1.44		12/11/19 23:23	179601-23-1	
o-Xylene	ND	ug/m3	1.3	0.50	1.44		12/11/19 23:23	95-47-6	

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ANALYTICAL RESULTS

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Sample: SS-2 **Lab ID: 10501852002** Collected: 12/03/19 16:09 Received: 12/06/19 13:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)	Analytical Method: TO-15								
Benzene	ND	ug/m3	0.50	0.24	1.55		12/11/19 23:52	71-43-2	
Ethylbenzene	ND	ug/m3	1.4	0.47	1.55		12/11/19 23:52	100-41-4	
Methyl-tert-butyl ether	ND	ug/m3	5.7	1.0	1.55		12/11/19 23:52	1634-04-4	
Naphthalene	ND	ug/m3	4.1	2.0	1.55		12/11/19 23:52	91-20-3	
Toluene	ND	ug/m3	1.2	0.54	1.55		12/11/19 23:52	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.70	1.55		12/11/19 23:52	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.62	1.55		12/11/19 23:52	108-67-8	
m&p-Xylene	ND	ug/m3	2.7	1.1	1.55		12/11/19 23:52	179601-23-1	
o-Xylene	ND	ug/m3	1.4	0.53	1.55		12/11/19 23:52	95-47-6	

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ANALYTICAL RESULTS

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Sample: SS-3 **Lab ID: 10501852003** Collected: 12/03/19 16:16 Received: 12/06/19 13:30 Matrix: Air

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
TO15 MSV AIR (TICS)	Analytical Method: TO-15								
Benzene	ND	ug/m3	0.50	0.24	1.55		12/12/19 00:21	71-43-2	
Ethylbenzene	ND	ug/m3	1.4	0.47	1.55		12/12/19 00:21	100-41-4	
Methyl-tert-butyl ether	ND	ug/m3	5.7	1.0	1.55		12/12/19 00:21	1634-04-4	
Naphthalene	ND	ug/m3	4.1	2.0	1.55		12/12/19 00:21	91-20-3	
Toluene	**1.2**	ug/m3	1.2	0.54	1.55		12/12/19 00:21	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/m3	1.5	0.70	1.55		12/12/19 00:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/m3	1.5	0.62	1.55		12/12/19 00:21	108-67-8	
m&p-Xylene	ND	ug/m3	2.7	1.1	1.55		12/12/19 00:21	179601-23-1	
o-Xylene	ND	ug/m3	1.4	0.53	1.55		12/12/19 00:21	95-47-6	

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QUALITY CONTROL DATA

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

QC Batch: 649368 Analysis Method: TO-15
QC Batch Method: TO-15 Analysis Description: TO15 MSV AIR Low Level
Associated Lab Samples: 10501852001, 10501852002, 10501852003

METHOD BLANK: 3492533 Matrix: Air
Associated Lab Samples: 10501852001, 10501852002, 10501852003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/m3	ND	1.0	12/11/19 11:53	
1,3,5-Trimethylbenzene	ug/m3	ND	1.0	12/11/19 11:53	
Benzene	ug/m3	ND	0.32	12/11/19 11:53	
Ethylbenzene	ug/m3	ND	0.88	12/11/19 11:53	
m&p-Xylene	ug/m3	ND	1.8	12/11/19 11:53	
Methyl-tert-butyl ether	ug/m3	ND	3.7	12/11/19 11:53	
Naphthalene	ug/m3	ND	2.7	12/11/19 11:53	
o-Xylene	ug/m3	ND	0.88	12/11/19 11:53	
Toluene	ug/m3	ND	0.77	12/11/19 11:53	

LABORATORY CONTROL SAMPLE: 3492534

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/m3	50	64.2	129	70-134	
1,3,5-Trimethylbenzene	ug/m3	50	59.9	120	70-132	
Benzene	ug/m3	32.5	35.6	109	70-130	
Ethylbenzene	ug/m3	44.1	51.4	116	67-131	
m&p-Xylene	ug/m3	88.3	104	118	70-132	
Methyl-tert-butyl ether	ug/m3	36.6	48.4	132	70-130	CH,L3
Naphthalene	ug/m3	53.3	55.1	103	56-130	
o-Xylene	ug/m3	44.1	51.0	116	70-130	
Toluene	ug/m3	38.3	42.2	110	70-130	

SAMPLE DUPLICATE: 3492970

Parameter	Units	10502017001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/m3	ND	ND		25	
1,3,5-Trimethylbenzene	ug/m3	ND	ND		25	
Benzene	ug/m3	1.3	1.2	5	25	
Ethylbenzene	ug/m3	ND	ND		25	
m&p-Xylene	ug/m3	ND	ND		25	
Methyl-tert-butyl ether	ug/m3	ND	ND		25	
Naphthalene	ug/m3	ND	ND		25	
o-Xylene	ug/m3	ND	ND		25	
Toluene	ug/m3	2.1	2.1	0	25	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

CH	The continuing calibration for this compound is outside of Pace Analytical acceptance limits. The results may be biased high.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: B1909352.00 Korth Property
Pace Project No.: 10501852

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10501852001	SS-1	TO-15	649368		
10501852002	SS-2	TO-15	649368		
10501852003	SS-3	TO-15	649368		

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www.pacelabs.com

AIR: CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

48298

Page: 1 of 1

Section A Required Client Information:

Company: Braun Intertec
Address: 2309 Palace St.
La Crosse, WI 54603
Email To: nstingl@braunintertec.com
Phone: 608-781-7277 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Nick Stingle
Copy To:
Purchase Order No.: B1909352.00
Project Name: Korth Property
Project Number: B1909352.00

Section C Invoice Information:

Attention: Nick Stingle
Company Name: Braun Intertec
Address: 2309 Palace St, La Crosse, WI 54603
Pace Quote Reference:
Pace Project Manager/Sales Rep.
Pace Profile #:

Program: ☑ UST ☐ Superfund ☐ Emissions ☐ Clean Air Act ☐ Voluntary Clean Up ☐ Dry Clean ☐ RCRA ☐ Other

Location of Sampling by State: WI

Reporting Units: ug/m³ ___ mg/m³ ___ PPBV ___ PPMV ___ Other ___

Report Level: II. ___ III. ___ IV. ___ Other ___

Section D Required Client Information

AIR SAMPLE ID
Sample IDs MUST BE UNIQUE

Valid Media Codes

MEDIA	CODE
Tedlar Bag	TB
1 Liter Summa Can	1LC
6 Liter Summa Can	6LC
Low Volume Puff	LVP
High Volume Puff	HVP
Other	PM10

ITEM #	AIR SAMPLE ID	MEDIA CODE	PID Reading (Client only)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	Canister Pressure (Initial Field - in Hg)	Canister Pressure (Final Field - in Hg)	Summa Can Number	Flow Control Number	Method: PVOC Naphthalene	Pace Lab ID
1	SS-1	6LC	0.1	12-3-19	15:37	12-3-19	16:18	-28	-3	06011678		X	001
2	SS-2	6LC	0.0	↓	15:33	↓	16:09	-27.5	-3	15770910		X	002
3	SS-3	6LC	0.1	↓	15:40	↓	16:16	-28	-3.5	33940787		X	003
4													
5													
6													
7													
8													
9													
10													
11													
12													

WO#: 10501852

10501852

Comments :

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
D. Bradshaw / Braun	12-4-19	14:45	WJ / Pace	12/6/19	1330

SAMPLE CONDITIONS

Temp In °C	Received on Ice	Custody Sealed Cooler	Samples Intact
—	(Y)	(Y)	(Y)
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N
	Y/N	Y/N	Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: David Bradshaw

SIGNATURE of SAMPLER: David M. Bradshaw DATE Signed (MM / DD / YY): 12-4-19

ORIGINAL

1700 Elm Street SE, Suite 200, Minneapolis, MN 55414 Air Technical Phone: 612.607.6386

Pace Analytical	Document Name: Air Sample Condition Upon Receipt	Document Revised: 14Oct2019 Page 1 of 1
	Document No.: F-MN-A-106-rev.19	Issuing Authority: Pace Minnesota Quality Office

Air Sample Condition Upon Receipt Client Name: Braun Project #: **WO#: 10501852**

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial See Exception ☐

PM: BM2 Due Date: 12/13/19

CLIENT: Braun-BLM

Tracking Number: 1083 0282 5960

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Foam ☐ None ☐ Tin Can ☐ Other:_____ Temp Blank rec: ☐ Yes ☑ No

Temp. (TO17 and TO13 samples only) (°C): _____ Corrected Temp (°C): _____ Thermometer Used: ☐ G87A9170600254 ☐ G87A9155100842

Temp should be above freezing to 6°C Correction Factor: _____ Date & Initials of Person Examining Contents: _____

Type of Ice Received ☐ Blue ☐ Wet ☑ None

		Comments:
Chain of Custody Present?	☑ Yes ☐ No	1.
Chain of Custody Filled Out?	☑ Yes ☐ No	2.
Chain of Custody Relinquished?	☑ Yes ☐ No	3.
Sampler Name and/or Signature on COC?	☑ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes ☑ No	6.
Rush Turn Around Time Requested?	☐ Yes ☑ No	7.
Sufficient Volume?	☑ Yes ☐ No	8.
Correct Containers Used?	☑ Yes ☐ No	9.
-Pace Containers Used?	☑ Yes ☐ No	
Containers Intact?	☑ Yes ☐ No	10.
Media: (Air Can) Airbag Filter TDT Passive		11. Individually Certified Cans Y (N) (list which samples)
Is sufficient information available to reconcile samples to the COC?	☑ Yes ☐ No	12.
Do cans need to be pressurized? **(DO NOT PRESSURIZE 3C or ASTM 1946!!!)**	☑ Yes ☐ No	13.

Gauge # ☑ 10AIR26 ☐ 10AIR34 ☐ 10AIR35 ☐ 4097

Canisters					Canisters				
Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure	Sample Number	Can ID	Flow Controller	Initial Pressure	Final Pressure
SS-1	0601	1678	-2	+5					
SS-2	1577	0910	-4	11					
SS-3	3394	0787	-4	11					
Unused Can	3474	2320	-28	—					

CLIENT NOTIFICATION/RESOLUTION Field Data Required? ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: BM Date: 12/9/19

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Attachment D/Maintenance Plan(s)

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 via cap maintenance plan.

D.2 Location map(s)

D.3 Photographs

D.4 Inspection log

D.1 Description of Maintenance Action(s)

CAP MAINTENANCE PLAN

February 15, 2019

Property Located at:
1629 W. Washington Street
Appleton, WI 54914

WDNR BRRTS# 03-45-002078

TAX KEY# 315173209

Introduction

This document is the Maintenance Plan for an asphalt, building, and grass cap at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing cap which addresses or occupies the area over the contaminated groundwater plume or soil.

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

- The case file in the DNR Northeast regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites): http://dnr.wi.gov/botw/SetUpBasicSearchForm.do
- GIS Registry PDF file for further information on the nature and extent of contamination and
- The DNR project manager for Outagamie County.

Description of Contamination

Soil contaminated by petroleum is located from ground surface to approximately 6 feet below ground surface. Groundwater contaminated by petroleum is located at a depth of 2.03-5.83 feet below ground surface. The extent of the soil and groundwater contamination is shown on Attachment D.2.

Description of the Cap to be maintained

The cover consists of 2-3 inches of asphalt, the on-site building cover consisting of 4-6 inches of concrete (slab on grade), and grass lawn. The cap area is shown on Attachment D.2.

Cover Barrier Purpose

The asphalt, building, and grass cap over the contaminated soil and groundwater serves as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. The asphalt cap also acts as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. Based on the current use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The asphalt, building, and grass cap overlying the contaminated soil and as depicted in Attachment D.2 will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause exposure to underlying soils or additional infiltration through asphalt. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed and where infiltration from the surface will not be effectively minimized will be documented.

A log of the inspections and any repairs will be maintained by the property owner and is included as Form 4400-305 Continuing Obligations and Maintenance Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources ("WDNR") representatives upon their request.

Note: The WDNR may, in some instances, require in the case closure letter that the inspection log be submitted at least annually after every inspection. If the case closure letter requires that, then a copy of the inspection log must be submitted to the WDNR at least annually after every inspection.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event 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 that is excavated from 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 applicable local, state and federal law.

In the event asphalt, building or grass cap overlying the contaminated soil and groundwater plume is removed or replaced, the replacement barrier must be equally impervious. 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.

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

Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Cover or Cap

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

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

Amendment or Withdrawal of Maintenance Plan

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

Contact Information
February 2019

Current Site Contact:
Robert Korth
N2982 Steeple Dr.
Appleton, WI 54913

Signature: _____
(DNR may request signature of affected property owners, on a case-by-case basis)

Consultant:
METCO
Ron Anderson
709 Gillette Street, Suite 3
La Crosse, WI 54603
(608) 781-8879

WDNR:
Tom Verstegen
625 County Road Y, Suite 700
Oshkosh, WI 54901
(920) 424-0025

D.2 CAP LOCATION MAP

KORTH PROPERTY

METCO
700 Gillette St. Suite 3
La Crosse, WI. 54603
Tel: (608) 781-8879
Fax: (608) 781-8883
Excellence through experience

APPLETON, WISCONSIN

DRAWN BY: ED
DATE: 01/02/18

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN
- ⊕ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITES

SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

AREA OF CAP TO BE MAINTAINED

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

PAL

ASPHALT
CONCRETE
GRASS
LOADING DOCK
RETAINING WALL (CONCRETE)

EISCH ELECTRIC
1715 W WASHINGTON STREET

POSSIBLE FORMER UST LOCATION

FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET

QUONSET HUT
1625 W WASHINGTON STREET

COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET

ALDI'S FOOD STORE
116 N LINWOOD AVENUE

THE RETRO SALON
121 N DOUGLAS STREET

STUDIO H
119 N DOUGLAS STREET

117 N DOUGLAS STREET

115 N DOUGLAS STREET

107 N DOUGLAS STREET

N DOUGLAS STREET

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6
G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-17 G-18 G-19 G-20 G-21 G-23 G-24 G-25
SS-1 SS-2 SS-3
HA-1 HA-2
A B C

{Click to Add/Edit Image} Date added: 01/09/2020

Title: Photo #1: Cap to be maintained looking southeast.

{Click to Add/Edit Image} Date added: 01/09/2020

Title: Photo #2: Cap to be maintained looking northwest.

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

D. 4.

Continuing Obligations Inspection and Maintenance Log

Form 4400-305 (2/14)

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	BRRTS No.
Korth Property	03-45-002078

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?
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			◯ Y ◯ N	◯ Y ◯ N

Attachment E/Monitoring Well Information

All monitoring wells have been located and properly abandoned per WDNR. Well Abandonment Forms attached.

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[x] **Verification Only of Fill and Seal**

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
OUTAGAMIE	VR664_	

Lattitude / Longitude (Degrees and Minutes)	Method Code (see instructions)
44 ° 15.76 . ' N	
88 ° 25.93 . ' W	

¼ / ¼	¼	Section	Township	Range	
NW	SW	27	21 N	17	[x] E [ ] W

or Gov't Lot #

Well Street Address: 1629 West Washington Street

Well City, Village or Town: Appleton

Well ZIP Code: 54913-

Subdivision Name:

Lot #:

Reason For Removal From Service: Sampling Complete

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Korth Property

Facility ID (FID or PWS): 445198270

License/Permit/Monitoring #:

Original Well Owner: Robert Korth

Present Well Owner: Robert Korth

Mailing Address of Present Owner: N2982 Steeple Dr.

City of Present Owner	State	ZIP Code
Appleton	WI	54913-

3. Well / Drillhole / Borehole Information

[x] Monitoring Well [ ] Water Well [ ] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 7/10/2017

If a Well Construction Report is available, please attach.

Construction Type: [x] Drilled [ ] Driven (Sandpoint) [ ] Dug [ ] Other (specify):

Formation Type: [x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
13	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.25	3

Was well annular space grouted? [x] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	3.1

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[x] No	[ ] N/A
Casing left in place?	[x] Yes	[ ] No	[ ] N/A
Was casing cut off below surface?	[x] Yes	[ ] No	[ ] N/A
Did sealing material rise to surface?	[x] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[x] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[ ] Yes	[ ] No	[x] N/A

Required Method of Placing Sealing Material

[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped [ ] Screened & Poured (Bentonite Chips) [x] Other (Explain): Gravity

Sealing Materials

[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [ ] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[x] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	lbs	
Benotonite chips	Surface	13	20.8	

6. Comments

Monitoring Well MW-1

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Ben Nelson (METCO)		1/14/2020

Street or Route	Telephone Number
709 Gillette St., ste.3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-		1/15/2020

DNR Use Only

Date Received	Noted By
Comments	

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[x] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
OUTAGAMIE	VR665	

Latitude / Longitude (Degrees and Minutes)	Method Code (see instructions)
44 ° 15.76 ' N	
88 ° 25.93 ' W	

¼ / ¼	¼	Section	Township	Range	
NW	SW	27	21 N	17	[x] E [ ] W

or Gov't Lot #

Well Street Address: 1629 West Washington Street

Well City, Village or Town: Appleton

Well ZIP Code: 54913-

Subdivision Name:

Lot #:

Reason For Removal From Service: Sampling Complete

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Korth Property

Facility ID (FID or PWS): 445198270

License/Permit/Monitoring #:

Original Well Owner: Robert Korth

Present Well Owner: Robert Korth

Mailing Address of Present Owner: N2982 Steeple Dr.

City of Present Owner: Appleton

State: WI

ZIP Code: 54913-

3. Well / Drillhole / Borehole Information

[x] Monitoring Well [ ] Water Well [ ] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 7/10/2017

If a Well Construction Report is available, please attach.

Construction Type: [x] Drilled [ ] Driven (Sandpoint) [ ] Dug [ ] Other (specify):

Formation Type: [x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
13	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.25	3

Was well annular space grouted? [x] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	4.54

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[x] No	[ ] N/A
Casing left in place?	[x] Yes	[ ] No	[ ] N/A
Was casing cut off below surface?	[x] Yes	[ ] No	[ ] N/A
Did sealing material rise to surface?	[x] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[x] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[ ] Yes	[ ] No	[x] N/A

Required Method of Placing Sealing Material

[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped [ ] Screened & Poured (Bentonite Chips) [x] Other (Explain): Gravity

Sealing Materials

[ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " "
[ ] Concrete [ ] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:

[x] Bentonite Chips [ ] Bentonite - Cement Grout
[ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	lbs	
Benotonite chips	Surface	13	20.8	

6. Comments

Monitoring Well MW-2

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Ben Nelson (METCO)		1/14/2020

Street or Route: 709 Gillette St., ste.3

Telephone Number: (608) 781-8879

City: La Crosse

State: WI

ZIP Code: 54603-

Signature of Person Doing Work: Ben Nelson

Date Signed: 1/15/2020

DNR Use Only

Date Received:

Noted By:

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[X] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
OUTAGAMIE	VR666_	

Lattitude / Longitude (Degrees and Minutes): 44 ° 15.76 ' N; 88 ° 25.93 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
NW	SW	27	21 N	17	[X] E [ ] W

or Gov't Lot #

Well Street Address: 1629 West Washington Street

Well City, Village or Town: Appleton — Well ZIP Code: 54913-

Subdivision Name: — Lot #:

Reason For Removal From Service: Sampling Complete — WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Korth Property

Facility ID (FID or PWS): 445198270

License/Permit/Monitoring #:

Original Well Owner: Robert Korth

Present Well Owner: Robert Korth

Mailing Address of Present Owner: N2982 Steeple Dr.

City of Present Owner: Appleton — State: WI — ZIP Code: 54913-

3. Well / Drillhole / Borehole Information

[X] Monitoring Well [ ] Water Well [ ] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 7/10/2017

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled [ ] Driven (Sandpoint) [ ] Dug [ ] Other (specify):

Formation Type: [X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)	Lower Drillhole Diameter (in.)	Casing Depth (ft.)
13	2	8.25	3

Was well annular space grouted? [X] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)? 2 — Depth to Water (feet): 3.42

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[X] No	[ ] N/A
Casing left in place?	[X] Yes	[ ] No	[ ] N/A
Was casing cut off below surface?	[X] Yes	[ ] No	[ ] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[ ] Yes	[ ] No	[X] N/A

Required Method of Placing Sealing Material: [ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped [ ] Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: [ ] Neat Cement Grout [ ] Sand-Cement (Concrete) Grout [ ] Concrete [ ] Clay-Sand Slurry (11 lb./gal. wt.) [ ] Bentonite-Sand Slurry " " [ ] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips [ ] Granular Bentonite [ ] Bentonite - Cement Grout [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	lbs	
Benotonite chips	Surface	13	20.8	

6. Comments

Monitoring Well MW-3

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Ben Nelson (METCO)		1/14/2020

Street or Route: 709 Gillette St., ste.3 — Telephone Number: (608) 781-8879

City: La Crosse — State: WI — ZIP Code: 54603-

Signature of Person Doing Work: Benjin Nelson — Date Signed: 1/15/2020

DNR Use Only: Date Received — Noted By — Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[X] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
OUTAGAMIE	VR667_	

Latitude / Longitude (Degrees and Minutes): 44 ° 15.76 ' N; 88 ° 25.93 ' W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
NW	SW	27	21 N	17	[X] E [ ] W

or Gov't Lot #

Well Street Address: 1629 West Washington Street

Well City, Village or Town: Appleton — Well ZIP Code: 54913-

Subdivision Name — Lot #

Reason For Removal From Service: Sampling Complete — WI Unique Well # of Replacement Well

2. Facility / Owner Information

Facility Name: Korth Property

Facility ID (FID or PWS): 445198270

License/Permit/Monitoring #

Original Well Owner: Robert Korth

Present Well Owner: Robert Korth

Mailing Address of Present Owner: N2982 Steeple Dr.

City of Present Owner: Appleton — State: WI — ZIP Code: 54913-

3. Well / Drillhole / Borehole Information

[X] Monitoring Well [ ] Water Well [ ] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 7/10/2017

If a Well Construction Report is available, please attach.

Construction Type: [X] Drilled [ ] Driven (Sandpoint) [ ] Dug [ ] Other (specify):

Formation Type: [X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
13	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.25	3

Was well annular space grouted? [X] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	3.51

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[X] No	[ ] N/A
Casing left in place?	[X] Yes	[ ] No	[ ] N/A
Was casing cut off below surface?	[X] Yes	[ ] No	[ ] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[ ] Yes	[ ] No	[X] N/A

Required Method of Placing Sealing Material: [ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped [ ] Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials: [ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.) [ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " " [ ] Concrete [ ] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [X] Bentonite Chips [ ] Bentonite - Cement Grout [ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	lbs	
Benotonite chips	Surface	13	20.8	

6. Comments

Monitoring Well MW-4

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Ben Nelson (METCO)		1/14/2020

Street or Route: 709 Gillette St., ste.3 — Telephone Number: (608) 781-8879

City: La Crosse — State: WI — ZIP Code: 54603-

Signature of Person Doing Work: Benjin Nelson — Date Signed: 1/15/2020

DNR Use Only

Date Received | Noted By | Comments

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[X] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [X] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
OUTAGAMIE	VR668_	

Latitude / Longitude (Degrees and Minutes): 44 ° 15.76 . ___ ___ ___ 'N; 88 ° 25.93 . ___ ___ ___ 'W

Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range	
NW	SW	27	21 N	17	[X] E [ ] W

or Gov't Lot #

Well Street Address: 1629 West Washington Street

Well City, Village or Town: Appleton

Well ZIP Code: 54913-

Subdivision Name:

Lot #:

Reason For Removal From Service: Sampling Complete

WI Unique Well # of Replacement Well:

2. Facility / Owner Information

Facility Name: Korth Property

Facility ID (FID or PWS): 445198270

License/Permit/Monitoring #:

Original Well Owner: Robert Korth

Present Well Owner: Robert Korth

Mailing Address of Present Owner: N2982 Steeple Dr.

City of Present Owner: Appleton

State: WI

ZIP Code: 54913-

3. Well / Drillhole / Borehole Information

[X] Monitoring Well
[ ] Water Well
[ ] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 7/10/2017

If a Well Construction Report is available, please attach.

Construction Type:
[X] Drilled [ ] Driven (Sandpoint) [ ] Dug
[ ] Other (specify):

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
13	2
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
8.25	3

Was well annular space grouted? [X] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	3.03

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[X] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[X] N/A
Screen removed?	[ ] Yes	[X] No	[ ] N/A
Casing left in place?	[X] Yes	[ ] No	[ ] N/A
Was casing cut off below surface?	[X] Yes	[ ] No	[ ] N/A
Did sealing material rise to surface?	[X] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[X] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[X] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[ ] Yes	[ ] No	[X] N/A

Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[ ] Screened & Poured (Bentonite Chips) [X] Other (Explain): Gravity

Sealing Materials
[ ] Neat Cement Grout
[ ] Sand-Cement (Concrete) Grout
[ ] Concrete
[ ] Clay-Sand Slurry (11 lb./gal. wt.)
[ ] Bentonite-Sand Slurry " "
[ ] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
[X] Bentonite Chips
[ ] Granular Bentonite
[ ] Bentonite - Cement Grout
[ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	lbs	
Benotonite chips	Surface	13	20.8	

6. Comments

Monitoring Well MW-5

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Ben Nelson (METCO)		1/14/2020

Street or Route: 709 Gillette St., ste.3

Telephone Number: (608) 781-8879

City: La Crosse

State: WI

ZIP Code: 54603-

Signature of Person Doing Work: Benjamin Nelson

Date Signed: 1/15/2020

DNR Use Only

Date Received:

Noted By:

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

[x] Verification Only of Fill and Seal

Route to: [ ] Drinking Water [ ] Watershed/Wastewater [x] Remediation/Redevelopment [ ] Waste Management [ ] Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
OUTAGAMIE		

Latitude / Longitude (Degrees and Minutes): 44 • 15.76 'N; 88 • 25.93 'W — Method Code (see instructions):

¼ / ¼	¼	Section	Township	Range
NW	SW	27	21 N	17 [x] E [ ] W

or Gov't Lot #

Well Street Address: 1629 West Washington Street

Well City, Village or Town	Well ZIP Code
Appleton	54913-

Subdivision Name	Lot #

Reason For Removal From Service	WI Unique Well # of Replacement Well
Sampling Complete	

2. Facility / Owner Information

Facility Name: Korth Property

Facility ID (FID or PWS): 445198270

License/Permit/Monitoring #:

Original Well Owner: Robert Korth

Present Well Owner: Robert Korth

Mailing Address of Present Owner: N2982 Steeple Dr.

City of Present Owner	State	ZIP Code
Appleton	WI	54913-

3. Well / Drillhole / Borehole Information

[x] Monitoring Well [ ] Water Well [ ] Borehole / Drillhole

Original Construction Date (mm/dd/yyyy): 10/25/2018

If a Well Construction Report is available, please attach.

Construction Type: [x] Drilled [ ] Driven (Sandpoint) [ ] Dug [ ] Other (specify):

Formation Type: [x] Unconsolidated Formation [ ] Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
13	2

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
8.25	3

Was well annular space grouted? [x] Yes [ ] No [ ] Unknown

If yes, to what depth (feet)?	Depth to Water (feet)
2	3.22

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	[ ] Yes	[ ] No	[x] N/A
Liner(s) removed?	[ ] Yes	[ ] No	[x] N/A
Screen removed?	[ ] Yes	[x] No	[ ] N/A
Casing left in place?	[x] Yes	[ ] No	[ ] N/A
Was casing cut off below surface?	[x] Yes	[ ] No	[ ] N/A
Did sealing material rise to surface?	[x] Yes	[ ] No	[ ] N/A
Did material settle after 24 hours?	[ ] Yes	[x] No	[ ] N/A
If yes, was hole retopped?	[ ] Yes	[ ] No	[x] N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	[ ] Yes	[ ] No	[x] N/A

Required Method of Placing Sealing Material: [ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped [ ] Screened & Poured (Bentonite Chips) [x] Other (Explain): Gravity

Sealing Materials: [ ] Neat Cement Grout [ ] Clay-Sand Slurry (11 lb./gal. wt.) [ ] Sand-Cement (Concrete) Grout [ ] Bentonite-Sand Slurry " " [ ] Concrete [ ] Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only: [x] Bentonite Chips [ ] Bentonite - Cement Grout [ ] Granular Bentonite [ ] Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	lbs	
Benotonite chips	Surface	13	20.8	

6. Comments

Monitoring Well MW-6

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Ben Nelson (METCO)		1/14/2020

Street or Route	Telephone Number
709 Gillette St., ste.3	(608) 781-8879

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
La Crosse	WI	54603-	Benji Nelson	1/15/2020

DNR Use Only

Date Received	Noted By

Comments:

Attachment F/Source Legal Documents

F.1 Deed

F.2 Certified Survey Map

F.3 Verification of Zoning – According to the City of Appleton Zoning Map, the Korth Property site located at 1629 W. Washington Street is zoned as C-2 General Commercial.

F.4 Signed Statement

F.I. Deed

Document No.

WARRANTY DEED

1667070

Recorded
JUNE 16, 2005 AT 10:59AM
OUTAGAMIE COUNTY
JANICE FLENZ
REGISTER OF DEEDS
Fee Amount: $11.00
Fee Exempt 77.25-(8)

1100
(1)

THIS SPACE RESERVED FOR RECORDING DATA

THIS DEED, made between

CLARENCE KORTH AND GERALDINE KORTH, HUSBAND AND WIFE

"Grantor," whether one or more), and

ROBERT KORTH AND NANCY KORTH, HUSBAND AND WIFE AS SURVIVORSHIP MARITAL PROPERTY ("Grantee," whether one or more). Grantor, for valuable consideration, conveys and warrants to Grantee, the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Outagamie County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

NAME AND RETURN ADDRESS
Attorney Arnold R. Greenhill
PO Box 146, Shawano WI 54166

315 173209
PARCEL IDENTIFICATION NUMBER
This is not homestead property.
(is) (is not)

The East One Hundred Twenty (120) feet of the following described premises: All that part of Block Eighty-four (84), Fifth Ward Plat, City of Appleton, Outagamie County, Wisconsin, according to the recorded assessor's Map of said City, more fully described as follows: Commencing at the intersection of the West line of Douglas Street with the south line of Washington Street; thence West along the South line of Washington Street 238.00 feet to the point of beginning of parcel herein described; thence continuing West along the South line of Washington Street 200.00 feet; thence South 0 deg. 01'00" West parallel with the West line of Douglas Street, 140.96 feet; thence East parallel with Washington Street 200.00 feet; thence North 0 deg. 01'00" East parallel with the West line of Douglas Street, 140.96 feet to the point of beginning.

Exceptions to warranties: Easements and restrictions of record.

Dated this 12 day of June 2005.

Clarence Korth (SEAL)

* Clarence Korth

(SEAL)

*

Geraldine Korth (SEAL)

* Geraldine Korth

(SEAL)

*

AUTHENTICATION

Signature(s) Clarence Korth
Geraldine Korth
authenicated this
12 day of June 2005

* Arnold R. Greenhill
State Bar No. 1015031
TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by Sec. 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY

ARNOLD R. GREENHILL

Greenhill Law Office

ACKNOWLEDGMENT

STATE OF WISCONSIN)
)ss
COUNTY)

Personally came before me this day of , 2005, the above named

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

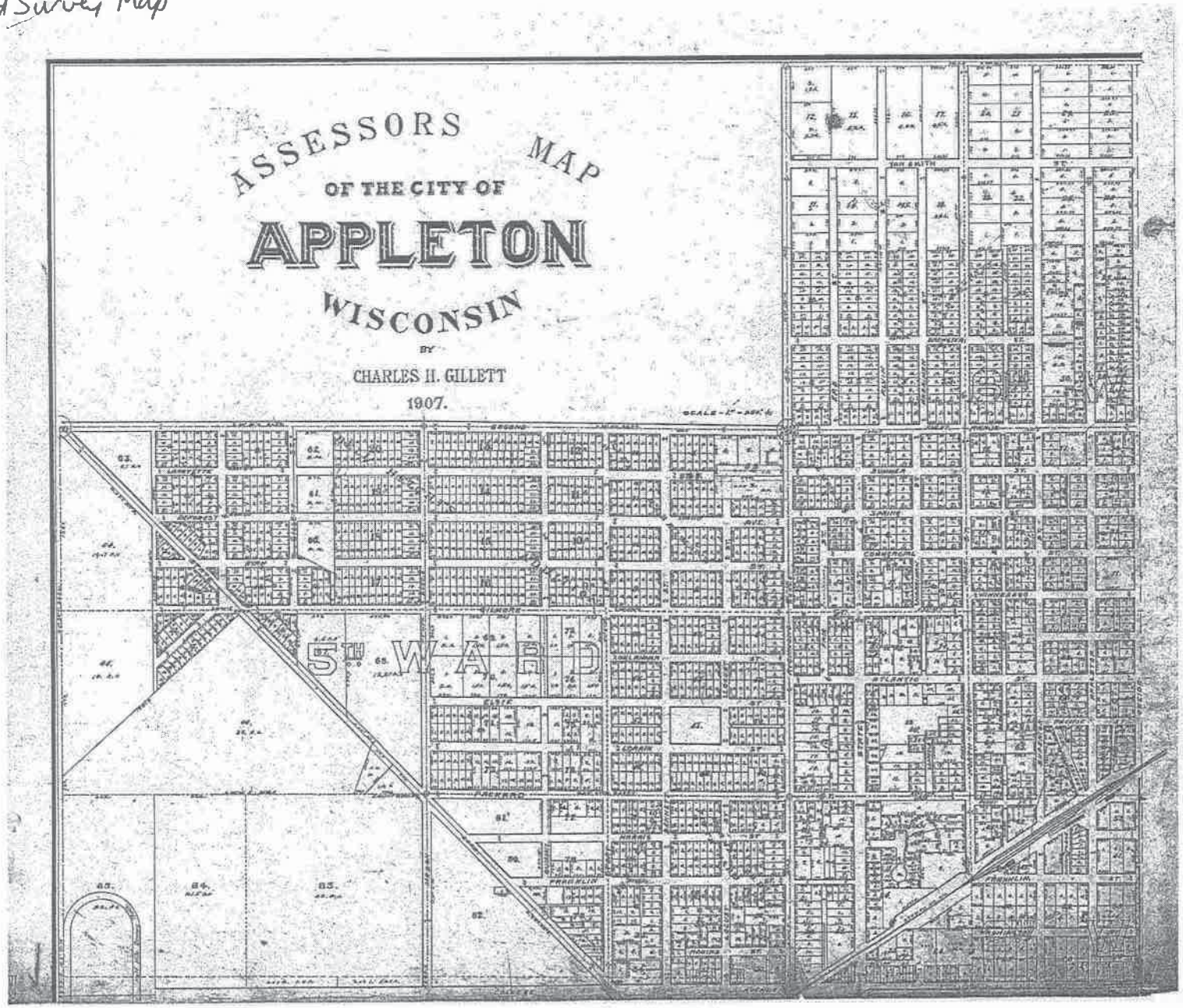
*
Notary Public County, State of
. My Commission is permanent.
(If not, state expiration date: ,
20 .)

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

* Names of persons signing in any capacity should be typed or printed below their signatures.

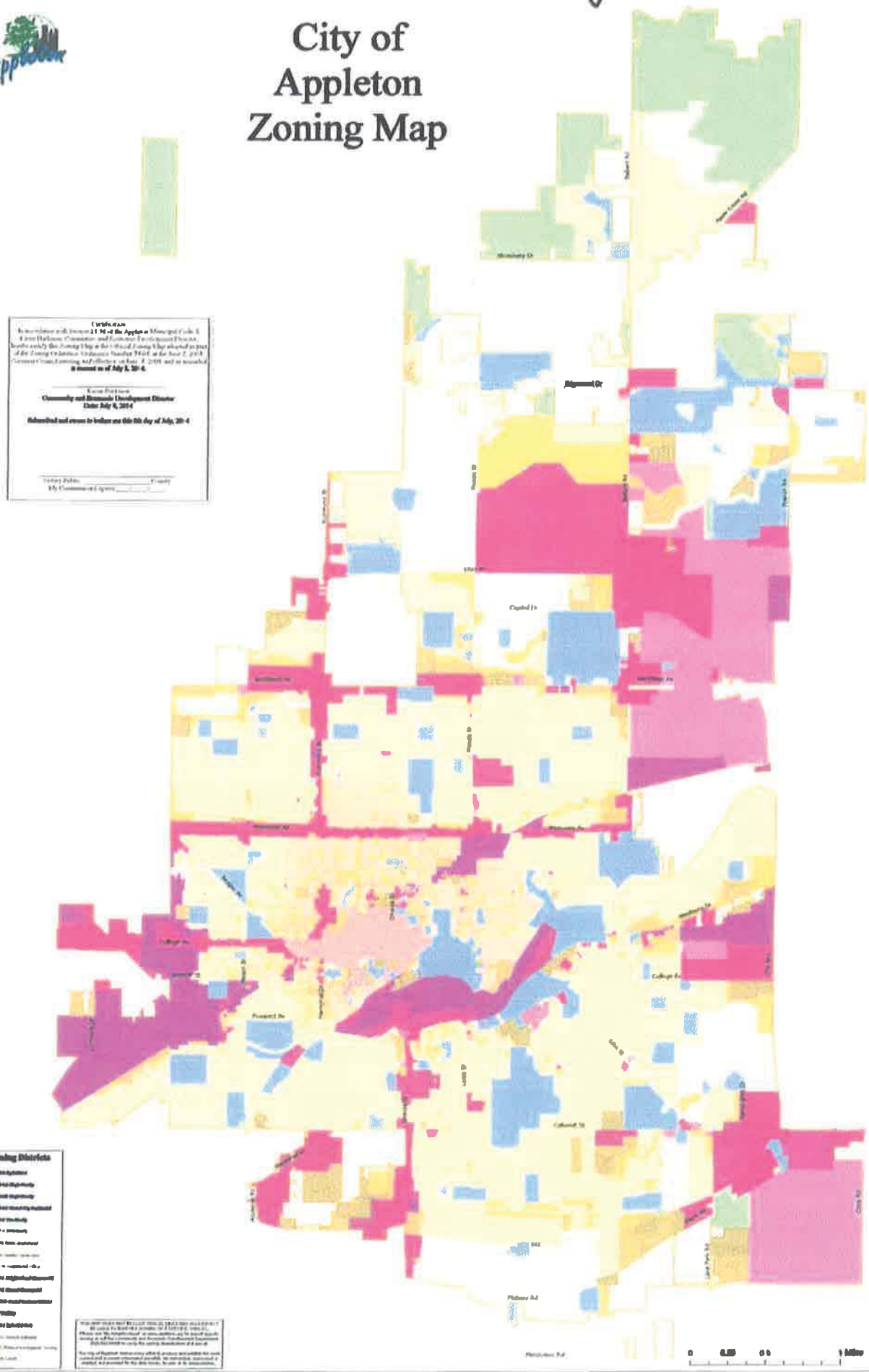
WARRANTY DEED

F.2. Certified Survey Map

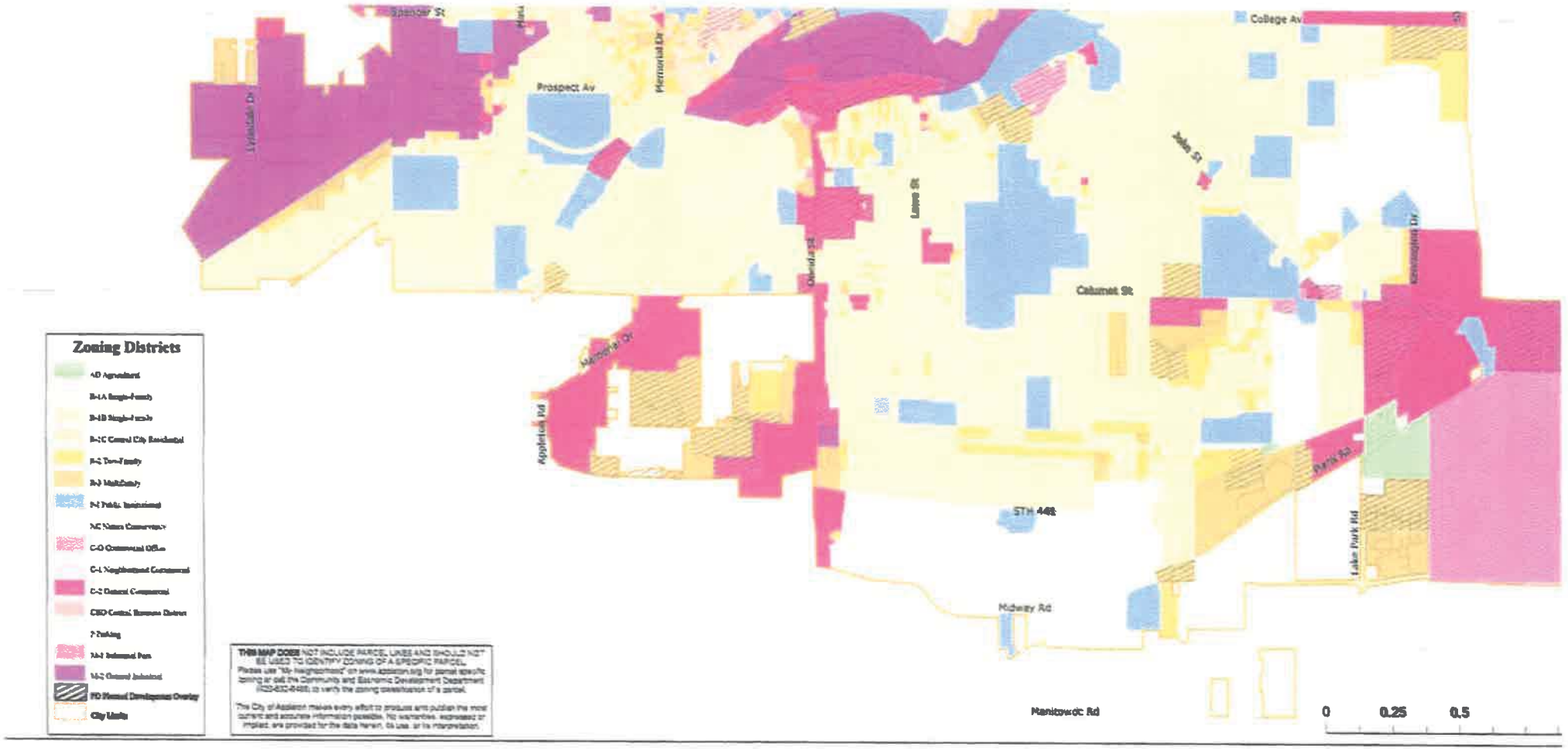


F.3. Verification of Zoning

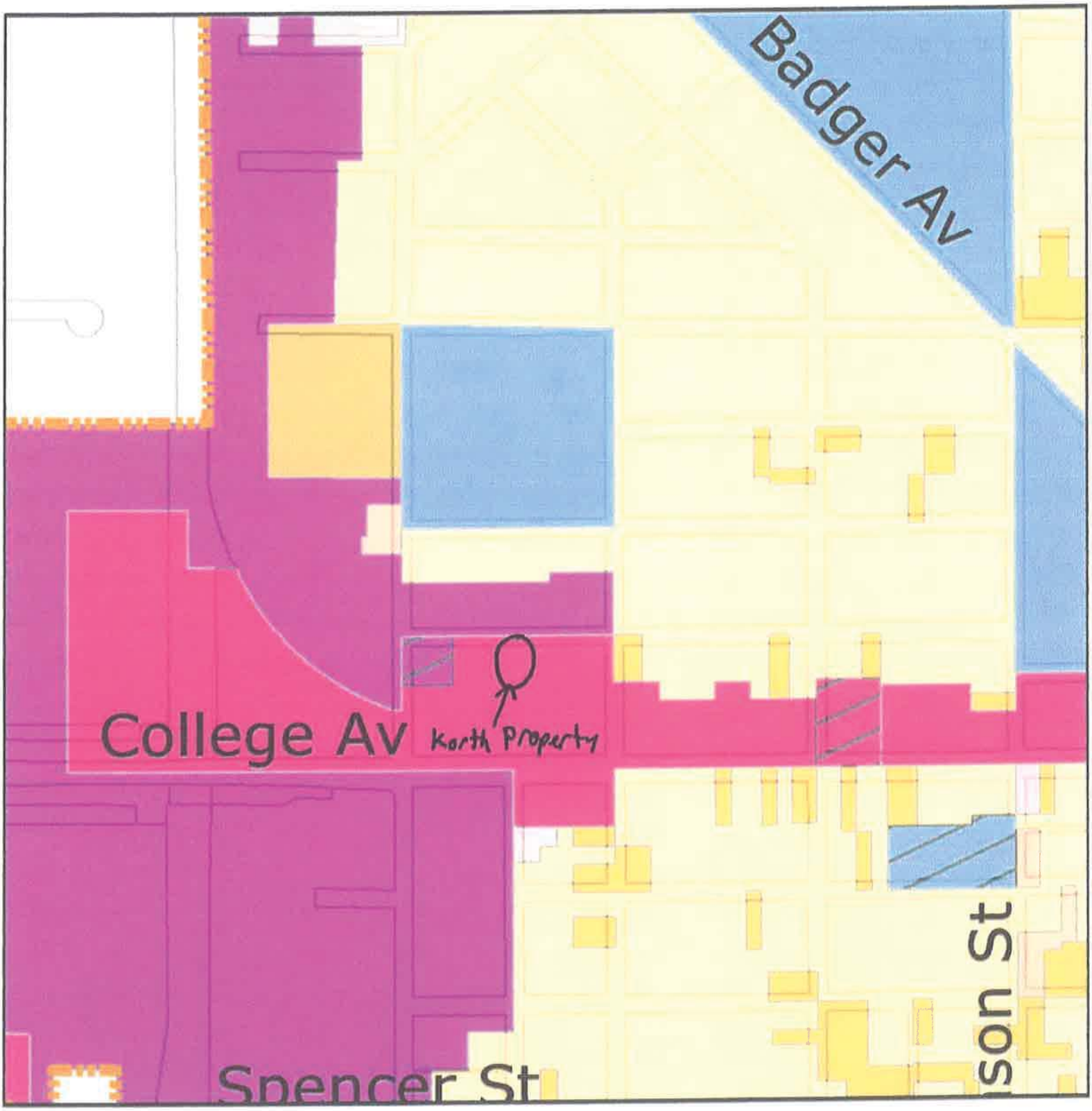
City of Appleton Zoning Map



F.3. Verification of Zoning



F.3. Verification of zoning



F.4. Signed Statement

WDNR BRRTS Case #:03-45-002078

WDNR Site Name: Korth Property

Geographic Information System (GIS) Registry of Closed Remediation Sites

In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

Robert Korth Owner
Nancy Korth (print name/title)

(signature) (date) 2-20-19

Nancy Korth 2/20/19

Attachment G/Notifications to Owners of Affected Properties

G.a. Notification to an impacted property owner for residual groundwater and soil contamination on the property located at 1713 W. Washington Street parcel #315173210.

G.1.a Deed

G.b. Notification to an impacted property owner for residual soil contamination on the property located at 121 N. Douglas Street parcel #315173204.

G.1.b Deed

G.c. Notification to an impacted property owner for residual soil contamination on the property located at 116 Linwood Ave parcel # 315173201

G.1.c. Deed

G.2 Certified Survey Map

G.3 Verification of Zoning - According to the City of Appleton Zoning Map, the properties to the east, south, and west are also zoned as C-2 General Commercial and the properties to the north are zoned as M-2 General Industrial.

G.4 Signed Statement

6.a.

AFFECTED
A
PROPERTY

Notification of Continuing Obligations and Residual Contamination
Form 4400-286 (9/15) C. I. Page

The affected property is:

- ○ the source property (the source of the hazardous substance discharge), but the property is not owned by the person who conducted the cleanup (a deeded property)
- ◉ a deeded property affected by contamination from the source property
- ○ a right-of-way (ROW)
- ○ a Department of Transportation (DOT) ROW

Include this completed page as an attachment with all notifications provided under sections A and B.

Contact Information

Responsible Party: The person responsible for sending this form, and for conducting the environmental investigation and cleanup is:

Responsible Party Name

Contact Person Last Name	First	MI	Phone Number (include area code)
Korth	Robert		(920) 470-1092

Address	City	State	ZIP Code
N2982 Steeple Dr.	Appleton	WI	54913

E-mail bnn1025@AOL.com

Name of Party Receiving Notification:

Business Name, if applicable:

Title	Last Name	First	MI	Phone Number (include area code)
Mr.	Eisch	Steve	F	

Address	City	State	ZIP Code
P.O. BOX 621	Neenah	WI	54957

Site Name and Source Property Information:

Site (Activity) Name Korth Property

Address	City	State	ZIP Code
1629 W Wisconsin St.	Appleton	WI	54914

DNR ID # (BRRTS#)	(DATCP) ID #
03-45-002078	

Contacts for Questions:

If you have any questions regarding the cleanup or about this notification, please contact the Responsible Party identified above, or contact:

Environmental Consultant: METCO

Contact Person Last Name	First	MI	Phone Number (include area code)
Powell	Jason	T	(608) 781-8879

Address	City	State	ZIP Code
709 Gillette Street, Suite 3	La Crosse	WI	54603

E-mail jasonp@metcohq.com

Department Contact:

To review the Department's case file, or for questions on cleanups or closure requirements, contact:

Department of: Natural Resources (DNR) Office: Oshkosh

Address	City	State	ZIP Code
625 E County Rd Y STE 700	Oshkosh	WI	54901

Contact Person Last Name	First	MI	Phone Number (include area code)
Verstegen	Tom		(920) 424-0025

E-mail (Firstname.Lastname@wisconsin.gov) Tom.Verstegen@wisconsin.gov

AFFECTED
A
PROPERTY

Section A: Deeded Property Notification: Residual Contamination and/or Continuing Obligations

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

P.O. BOX 621
Neenah, WI, 54957

Dear Mr. Eisch:

I am providing this letter to inform you of the location and extent of contamination remaining on your property, and of certain long-term responsibilities (continuing obligations) for which you may become responsible.
I have investigated a release of:
Petroleum
on 1629 W Wisconsin St., Appleton, WI, 54914 that has shown that contamination has migrated onto your property.
I have responded to the release and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

You have 30 days to comment on the attached legal description of your property and on the proposed closure request:

Please review the enclosed legal description of your property, and notify Jason Powell at 709 Gillette Street, Suite 3, La Crosse, WI, 54603 within the next 30 days if the legal description is incorrect.

The DNR will not review my closure request for at least 30 days after the date of receipt of this letter. As an affected property owner, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information that is relevant to this closure request, or if you want to waive the 30 day comment period, you should mail that information to the DNR contact: 625 E County Rd Y STE 700, Oshkosh, WI, 54901, or at Tom.Verstegen@wisconsin.gov.

Your Long-Term Responsibilities as a Property Owner and Occupant:

The responses included
Soil and Groundwater Sampling
The continuing obligations I am proposing that affect your property are listed below, under the heading **Continuing Obligations.** Under s. 292.12 (5), Wis. Stats., current and future owners and occupants of this property are responsible for complying with continuing obligations imposed as part of an approved closure.

The fact sheet "Continuing Obligations for Environmental Protection" (DNR publication RR 819) has been included with this letter, to help explain the responsibilities you may have for maintenance of a certain continuing obligation, the limits of any liability for investigation and cleanup of contamination, and how these differ. If the fact sheet is lost, you may obtain copies at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

Contract for responsibility for continuing obligation:

Before I request closure, I will need to inform the DNR as to whom will be responsible for the continuing obligation/s on your property.
[Indicate which party will be responsible for the continuing obligation(s) on the property, and whether an agreement/ contract has been worked out between the RP and affected party.]

Under s. 292.12, Wis. Stats., the responsibility for maintaining all necessary continuing obligations for your property will fall on you or any subsequent property owner, unless another person has a legally enforceable responsibility to comply with the requirements of the final closure letter. If you need more time to finalize an agreement on the responsibility for the continuing obligations on your Property, you may request additional time from the DNR contact identified in **Contact Information.**

(Note: Future property owners would need to negotiate a new agreement.)

AFFECTED
A
PROPERTY

Remaining Contamination:

Soil Contamination:

Soil contamination remains at :
The property located at 1713 W Washington St west of the removed 20,000-gallon fuel oil UST.

The remaining contaminants include:
Lead, Benzene, Benzo(a)pyrene, Benzo(b)fluoranthene,Chrysene, Dibenzo(a,h)anthracene, Naphthalene, and Trimethylbenzenes.

at levels which exceed the soil standards found in ch. NR 720, Wis. Adm. Code. The following steps have been taken to address any exposure to the remaining soil contamination.
Natural Attenuation and a Cap Maintenance Plan.

Groundwater Contamination:

Groundwater contamination originated at the property located at 1629 W Wisconsin St., Appleton, WI, 54914 .
Contaminated groundwater has migrated onto your property at:
1713 W Washington St.

The levels of
Benzene.
contamination in the groundwater on your property are above the state groundwater enforcement standards found in ch. NR 140, Wis. Adm. Code.

However, the environmental consultants who have investigated this contamination have informed me that this groundwater contaminant plume is stable or receding and will naturally degrade over time. I believe that allowing natural attenuation, or the breakdown of contaminants in groundwater due to naturally occurring processes, to complete the cleanup at this site will meet the case closure requirements of ch. NR 726, Wis. Adm. Code. As part of my request for case closure, I am requesting that the DNR accept natural attenuation as the final remedy for this site.

The following DNR fact sheet (RR 671, "What Landowners Should Know: Information About Using Natural Attenuation to Clean Up Contaminated Groundwater") has been included with this notification, to help explain the use of natural attenuation as a remedy. If the fact sheet is lost, you may obtain a copy at http://dnr.wi.gov/files/PDF/pubs/rr/RR671.pdf.

Continuing Obligations on Your Property: As part of the cleanup, I am proposing that the following continuing obligations be used at your property, to address future exposure to residual contamination. If my closure request is approved, you will be responsible for the following continuing obligations.

To construct a new well or to reconstruct an existing well, the property owner at the time of construction or reconstruction will need to obtain prior approval from the DNR. See the paragraph **GIS Registry and Well Construction Requirements**. Typically, this results in casing off a portion of the aquifer during drilling, when needed, to protect the water supply.

Residual Soil Contamination:

If soil is excavated from the areas with residual contamination, the property owner at the time of excavation will be responsible for the following:

- determine if contamination is present
- determine whether the material would be considered solid or hazardous waste
- ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Contaminated soil may be managed in-place, in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval. In addition, all current and future property owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

AFFECTED
A
PROPERTY

Maintenance and Audits of Continuing Obligations:
If compliance with a maintenance plan is required as part of a continuing obligation, an inspection log will need to be filled out periodically, and kept available for inspection by the DNR. Submittal of the inspection log may also be required. You will also need to notify any future owners or occupants of this property of the need to maintain the continuing obligation and to document that maintenance in the inspection log. Periodic audits of these continuing obligations may be conducted by the DNR, to ensure that potential exposure to residual contamination is being addressed. The DNR provides notification before conducting site visits as part of the audit.

GIS Registry and Well Construction Requirements:
If this site is closed, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at http://dnr.wi.gov/topic/Brownfields/clean.html. Inclusion on this database provides public notice of remaining contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), on the "GIS Registry" layer, at the same internet address listed above.

DNR approval prior to well construction or reconstruction is required for all sites included in the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special well construction standards may be necessary to protect the well from the remaining contamination. Well drillers need to first obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300–254, is on the internet at http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

Site Closure:
If the DNR grants closure, you will receive a letter which defines the specific continuing obligations on your property. The status of the site (open or closed) may also be checked by searching BRRTS on the Web. You may view or download a copy of the closure letter (sent to the responsible party) from BRRTS on the Web. You may also request a copy of the closure letter from the **responsible party** or by writing to the DNR contact, at Tom Verstegen, Tom.Verstegen@wisconsin.gov, (920) 424-0025 . The final closure letter will contain a description of the continuing obligation, any prohibitions on activities and will include any applicable maintenance plan.

If you have any questions regarding this notification, I can be reached at: (608) 781-8879
jasonp@metcohq.com

Date Signed 3-13-19

Signature of responsible party/environmental consultant for the responsible party

Attachments
Contact Information
Legal Description for each Parcel:

Factsheets:
RR 819, Continuing Obligations for Environmental Protection

RR 671, What Landowners Should Know: Information About Using Natural Attenuation to Clean Up Contaminated Groundwater

AFFECTED
A
PROPERTY

B.2.a. SOIL CONTAMINATION
KORTH PROPERTY

METCO
APPLETON, WISCONSIN
DRAWN BY: ED
DATE: 8/30/12

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

EISCH ELECTRIC
1713 W WASHINGTON STREET

POSSIBLE FORMER UST LOCATION

FORMER KORTH UPHOLSTERY
1620 W WASHINGTON STREET

QUONSET HUT
1625 W WASHINGTON STREET

COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET

THE RETRO SALON
121 N DOUGLAS STREET

STUDIO H
119 N DOUGLAS STREET

117 N DOUGLAS STREET

115 N DOUGLAS STREET

107 N DOUGLAS STREET

N DOUGLAS STREET

ALDI'S FOOD STORE
116 N LINWOOD AVENUE

LOADING DOCK

RETAINING WALL (CONCRETE)

ASPHALT

CONCRETE

GRASS

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6

G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-16 G-17 G-18 G-19 G-20 G-21 G-22 G-23 G-24 G-25

HA-1 HA-2

SS-1 SS-2 SS-3

AFFECTED
A
PROPERTY

B.3.b GROUNDWATER ISOCONCENTRATION (9/19/19)

KORTH PROPERTY

METCO

APPLETON, WISCONSIN

DRAWN BY: RD
DATE: 10/8/19

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

N DOUGLAS STREET

EISCH ELECTRIC
1713 W WASHINGTON STREET

FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET

QUONSET HUT
1625 W WASHINGTON STREET

COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET

POSSIBLE FORMER UST LOCATION

THE RETRO SALON
121 N DOUGLAS STREET

STUDIO H
119 N DOUGLAS STREET

117 N DOUGLAS STREET

115 N DOUGLAS STREET

107 N DOUGLAS STREET

ALDI'S FOOD STORE
116 N LINWOOD AVENUE

ASPHALT
CONCRETE
GRASS
LOADING DOCK
RETAINING WALL (CONCRETE)

G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-17 G-18 G-19 G-20 G-21 G-22 G-23 G-24 G-25

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6

SS-1 SS-2 SS-3 HA-1 HA-2

ES

PAL

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL

AFFECTED
A
PROPERTY

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Steve Eisch
P.O. Box 621
Neenah, WI 54957

9590 9403 0958 5223 6286 61

7015 1660 0000 4342 9589

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Anne M Eisch ☐ Agent ☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery 4/2/19

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

AFFECTED A PROPERTY

G.I.a Deed

DOCUMENT NO. 1044713

J 12660 | 3

STATE BAR OF WISCONSIN FORM 1 — 1982
WARRANTY DEED

THIS SPACE RESERVED FOR RECORDING DATA

REGISTER'S OFFICE
OUTAGAMIE COUNTY, WI
RECEIVED AND RECORDED ON

JUL 10 1992

AT 3 O'CLOCK P M
JACKET 12660 IMAGE 3
Grace Herb
mal

RETURN TO
Steve F. Eiach
1719B W. Washington St.
Appleton, WI 54914

Tax Parcel No: 31-5-1732-25

rd 10.00
270.00

This Deed, made between IRISH-SAXE SOUND PRODUCTIONS, a Partnership, Grantor, and Steve F. Eiach, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration of $1.00 and other good and valuable consideration conveys to Grantee the following described real estate in Outagamia County, State of Wisconsin:

The East 58.4 feet of the following described property:
All that part of Block Eighty-four (84), FIFTH WARD PLAT, City of Appleton, Outagamie County, Wisconsin, according to the recorded Assessor's Map of said city, described as follows: Commencing at the intersection of the West line of Douglas Street with the South line of Washington Street; thence West along the South line of Washington Street 438.0 feet to an iron pipe as the point of beginning; thence South 0 degrees 20 minutes West parallel with the West line of Douglas Street 133.6 feet; thence West parallel with the South line of Washington Street to the East line of Linwood Street (said point being the most Northwesterly corner of premises described in Volume 773 of Records, page 457); thence North along the East line of Linwood Street to the South line of Washington Street; thence East along the South line of Washington Street to the place of beginning.

0 1154

TRANSFER FEE $ 2.70

This ... is not ... homestead property.
(Is) (Is not)

Together with all and singular the hereditaments and appurtenances thereunto belonging:
And Irish-Saxe Sound Productions, a partnership, warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except restrictions, covenants and easements of record, if any,

and will warrant and defend the same.

Dated this 29th day of May, 19 92.

(SEAL)

(SEAL)

IRISH-SAXE SOUND PRODUCTIONS, A Partnership
By: Mitchell R. Irish, Partner (SEAL)
By: Keith Irish, Partner

AUTHENTICATION

Signature(s) of Mitchell R. Irish and Keith Irish authenticated this 29th day of May, 19 92
Robert Torgerson
* Robert Torgerson
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Atty. Robert Torgerson
Neenah, WI 54957-0453
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
County.
Personally came before me this day of , 19 the above named
to me known to be the person who executed the foregoing instrument and acknowledge the same.

Notary Public County, Wis.
My Commission is permanent (If not, state expiration date: , 19 .)

*Names of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED

STATE BAR OF WISCONSIN
FORM No. 1 — 1982

Published by the Legal Blank Co., Inc. Milwaukee, Wis.

AFFECTED
B
PROPERTY

G.b.

Notification of Continuing Obligations and Residual Contamination
Form 4400-286 (9/15) C. I. Page

The affected property is:

- ○ the source property (the source of the hazardous substance discharge), but the property is not owned by the person who conducted the cleanup (a deeded property)
- ◉ a deeded property affected by contamination from the source property
- ○ a right-of-way (ROW)
- ○ a Department of Transportation (DOT) ROW

Include this completed page as an attachment with all notifications provided under sections A and B.

Contact Information

Responsible Party: The person responsible for sending this form, and for conducting the environmental investigation and cleanup is:

Responsible Party Name

Contact Person Last Name	First	MI	Phone Number (include area code)
Korth	Robert		(920) 470-1092

Address	City	State	ZIP Code
N2982 Steeple Dr.	Appleton	WI	54913

E-mail bnn1025@AOL.com

Name of Party Receiving Notification:

Business Name, if applicable:

Title	Last Name	First	MI	Phone Number (include area code)
Mr.	Meiers	John	P	

Address	City	State	ZIP Code
115 N Douglas St.	Appleton	WI	54914

Site Name and Source Property Information:

Site (Activity) Name Korth Property

Address	City	State	ZIP Code
1629 W Wisconsin St.	Appleton	WI	54914

DNR ID # (BRRTS#)	(DATCP) ID #
03-45-002078	

Contacts for Questions:

If you have any questions regarding the cleanup or about this notification, please contact the Responsible Party identified above, or contact:

Environmental Consultant: METCO

Contact Person Last Name	First	MI	Phone Number (include area code)
Powell	Jason	T	(608) 781-8879

Address	City	State	ZIP Code
709 Gillette Street, Suite 3	La Crosse	WI	54603

E-mail jasonp@metcohq.com

Department Contact:

To review the Department's case file, or for questions on cleanups or closure requirements, contact:

Department of: Natural Resources (DNR) Office: Oshkosh

Address	City	State	ZIP Code
625 E County Rd Y STE 700	Oshkosh	WI	54901

Contact Person Last Name	First	MI	Phone Number (include area code)
Verstegen	Tom		(920) 424-0025

E-mail (Firstname.Lastname@wisconsin.gov) Tom.Verstegen@wisconsin.gov

AFFECTED
B
PROPERTY

Section A: Deeded Property Notification: Residual Contamination and/or Continuing Obligations

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

115 N Douglas St.
Appleton, WI, 54914

Dear Mr. Meiers:

I am providing this letter to inform you of the location and extent of contamination remaining on your property, and of certain long-term responsibilities (continuing obligations) for which you may become responsible.
I have investigated a release of:
Petroleum
on 1629 W Wisconsin St., Appleton, WI, 54914 that has shown that contamination has migrated onto your property.
I have responded to the release and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

You have 30 days to comment on the attached legal description of your property and on the proposed closure request:

Please review the enclosed legal description of your property, and notify Jason Powell at 709 Gillette Street, Suite 3, La Crosse, WI, 54603 within the next 30 days if the legal description is incorrect.

The DNR will not review my closure request for at least 30 days after the date of receipt of this letter. As an affected property owner, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information that is relevant to this closure request, or if you want to waive the 30 day comment period, you should mail that information to the DNR contact: 625 E County Rd Y STE 700, Oshkosh, WI, 54901, or at Tom.Verstegen@wisconsin.gov.

Your Long-Term Responsibilities as a Property Owner and Occupant:

The responses included
Soil and Groundwater Sampling
The continuing obligations I am proposing that affect your property are listed below, under the heading **Continuing Obligations**. Under s. 292.12 (5), Wis. Stats., current and future owners and occupants of this property are responsible for complying with continuing obligations imposed as part of an approved closure.

The fact sheet "Continuing Obligations for Environmental Protection" (DNR publication RR 819) has been included with this letter, to help explain the responsibilities you may have for maintenance of a certain continuing obligation, the limits of any liability for investigation and cleanup of contamination, and how these differ. If the fact sheet is lost, you may obtain copies at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

Contract for responsibility for continuing obligation:
Before I request closure, I will need to inform the DNR as to whom will be responsible for the continuing obligation/s on your property.
[Indicate which party will be responsible for the continuing obligation(s) on the property, and whether an agreement/ contract has been worked out between the RP and affected party.]

Under s. 292.12, Wis. Stats., the responsibility for maintaining all necessary continuing obligations for your property will fall on you or any subsequent property owner, unless another person has a legally enforceable responsibility to comply with the requirements of the final closure letter. If you need more time to finalize an agreement on the responsibility for the continuing obligations on your Property, you may request additional time from the DNR contact identified in **Contact Information.**

(Note: Future property owners would need to negotiate a new agreement.)

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PROPERTY

Remaining Contamination:

Soil Contamination:

Soil contamination remains at :
The property located at 121 N Douglas Street to the east of the former bulk petroleum storage tanks.

The remaining contaminants include:
Benzene.

at levels which exceed the soil standards found in ch. NR 720, Wis. Adm. Code. The following steps have been taken to address any exposure to the remaining soil contamination.
Natural Attenuation.

Continuing Obligations on Your Property: As part of the cleanup, I am proposing that the following continuing obligations be used at your property, to address future exposure to residual contamination. If my closure request is approved, you will be responsible for the following continuing obligations.

To construct a new well or to reconstruct an existing well, the property owner at the time of construction or reconstruction will need to obtain prior approval from the DNR. See the paragraph **GIS Registry and Well Construction Requirements.** Typically, this results in casing off a portion of the aquifer during drilling, when needed, to protect the water supply.

Residual Soil Contamination:

If soil is excavated from the areas with residual contamination, the property owner at the time of excavation will be responsible for the following:

- determine if contamination is present
- determine whether the material would be considered solid or hazardous waste
- ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Contaminated soil may be managed in-place, in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval. In addition, all current and future property owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

Maintenance and Audits of Continuing Obligations:

If compliance with a maintenance plan is required as part of a continuing obligation, an inspection log will need to be filled out periodically, and kept available for inspection by the DNR. Submittal of the inspection log may also be required. You will also need to notify any future owners or occupants of this property of the need to maintain the continuing obligation and to document that maintenance in the inspection log. Periodic audits of these continuing obligations may be conducted by the DNR, to ensure that potential exposure to residual contamination is being addressed. The DNR provides notification before conducting site visits as part of the audit.

GIS Registry and Well Construction Requirements:

If this site is closed, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at http://dnr.wi.gov/topic/Brownfields/clean.html. Inclusion on this database provides public notice of remaining contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), on the "GIS Registry" layer, at the same internet address listed above.

DNR approval prior to well construction or reconstruction is required for all sites included in the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special well construction standards may be necessary to protect the well from the remaining contamination. Well drillers need to first obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300–254, is on the internet at http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

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PROPERTY

Site Closure:
If the DNR grants closure, you will receive a letter which defines the specific continuing obligations on your property. The status of the site (open or closed) may also be checked by searching BRRTS on the Web. You may view or download a copy of the closure letter (sent to the responsible party) from BRRTS on the Web. You may also request a copy of the closure letter from the **responsible party** or by writing to the DNR contact, at Tom Verstegen, Tom.Verstegen@wisconsin.gov, (920) 424-0025 . The final closure letter will contain a description of the continuing obligation, any prohibitions on activities and will include any applicable maintenance plan.

If you have any questions regarding this notification, I can be reached at: (608) 781-8879
jasonp@metcohq.com

Date Signed 3-13-19

Signature of responsible party/environmental consultant for the responsible party

Attachments
Contact Information
Legal Description for each Parcel:

Factsheets:
RR 819, Continuing Obligations for Environmental Protection

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PROPERTY

B.2.a. SOIL CONTAMINATION
KORTH PROPERTY

METCO
APPLETON, WISCONSIN

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

EISCH ELECTRIC
1713 W WASHINGTON STREET

POSSIBLE FORMER UST LOCATION
MW-6

FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET

QUONSET HUT
1625 W WASHINGTON STREET

COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET

THE RETRO SALON
121 N DOUGLAS STREET

STUDIO H
119 N DOUGLAS STREET

17 N DOUGLAS STREET

15 N DOUGLAS STREET

107 N DOUGLAS STREET

ALDI'S FOOD STORE
116 N LINWOOD AVENUE

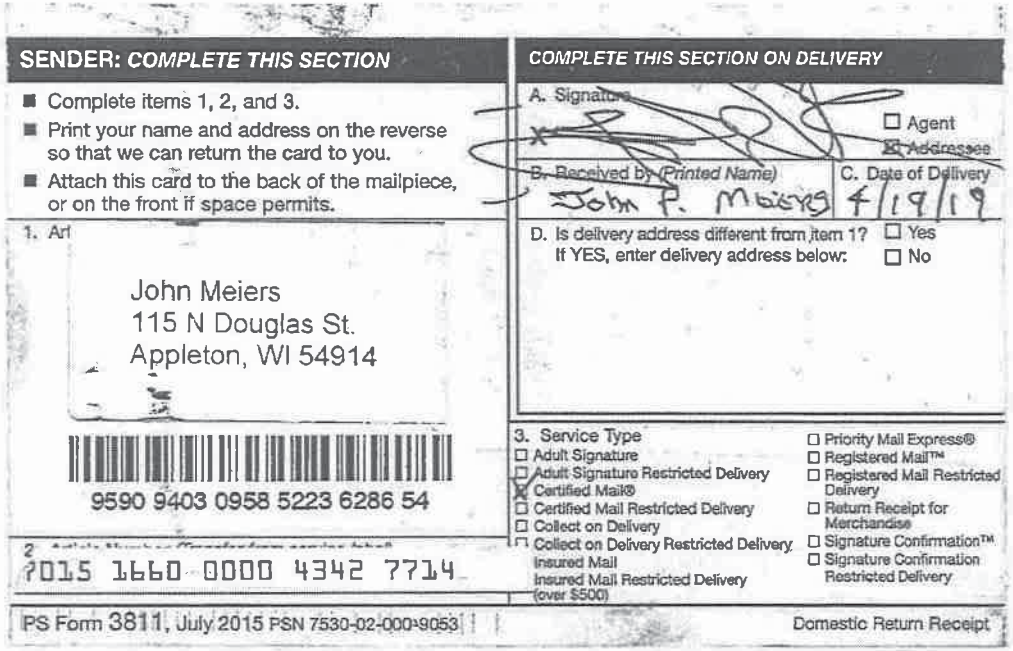
LOADING DOCK

RETAINING WALL (CONCRETE)

N DOUGLAS STREET

ASPHALT
CONCRETE
GRASS

AFFECTED
B
PROPERTY



SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Art

John Meiers
115 N Douglas St.
Appleton, WI 54914

9590 9403 0958 5223 6286 54

2 ?015 1660 0000 4342 7714

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☒ Addressee

B. Received by (Printed Name) John P. Meiers

C. Date of Delivery 4/19/19

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail
☐ Insured Mail Restricted Delivery (over $500)
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Return Receipt for Merchandise
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

AFFECTED
B
PROPERTY

G.1.b Deed

1249114
Document Number

WARRANTY DEED
Document Title

OUTAGAMIE COUNTY
RECEIVED FOR RECORD

NOV 25 1997

AT 2:30 O'CLOCK P.M.
GRACE HERB
REGISTER OF DEEDS

Recording Area

Pd 14.00

Name and Return Address
GRANTEE
310 S. LYNNDALE DR.
APPLETON, WI 54911

Parcel Identification Number (PIN)

063377

This information must be completed by submitter: *document title, name & return address, and PIN (if required). Other information such as the granting clauses, legal description, etc. may be placed on this first page of the document or may be placed on additional pages of the document. Note: Use of this cover page adds one page to your document and $2.00 to the recording fee.* Wisconsin Statutes, 59.517 WRDA 2/96

AFFECTED
B
PROPERTY

EMC 2056
2501 W. Wisconsin Ave.
Grand Chute, Wisconsin

WARRANTY DEED

TRANSFER
$ 1600.00
FEE

KNOW ALL MEN BY THESE PRESENTS, that **EMRO MARKETING COMPANY**, (successor by merger with Consolidated Stations Incorporated) a Delaware corporation, whose address is c/o Property Tax Department, 539 South Main Street, Findlay, Ohio 45840, GRANTOR, for the consideration of Ten and No/100 Dollars ($10.00), received to its full satisfaction of **BRUCE MEIERS, JOHN MEIERS, AND JAMES RUDOLPH,** GRANTEES, whose TAX MAILING ADDRESS will be 310 South Lynndale Drive, Appleton, WI 54911, conveys and warrants unto each GRANTEE, an undivided 1/3 interest, as tenants in common, together with all and singular the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining, the following described real estate in its existing "as is" condition inside the Town of Grand Chute, County of Outagamie, and State of Wisconsin:

A parcel of land in the East 15 acres of the Northwest Quarter (NW-1/4) of SECTION TWENTY-EIGHT (28), TOWNSHIP TWENTY-ONE (21) NORTH, RANGE SEVENTEEN (17) EAST, Town of Grand Chute, Outagamie County, Wisconsin, more fully described as follows:

Commencing at the Northquarter corner of said Section 28, as the point of beginning; thence S 0°-46' E, 268.30 feet along the north-south quarter line to a point; thence S 89°-14' W, at right angles to the north-south quarter line, 248.40 feet to a point on the west line of said East 15 acres of the Northwest quarter; thence N 0°-48' W, along said west line, 272.63 feet to the north line of Section 28; thence S 89°-46' E, along the north line of Section 28, 248.60 feet to the point of beginning, and containing 1.55 acres of land, more or less; and less thereof the east 50.00 feet for highway purposes (Lynndale Drive), and less thereof the north 40.00 feet for highway purposes (Wisconsin Avenue).

EXCEPTING THEREFROM: That portion conveyed to Outagamie County via Warranty Deed, dated August 21, 1969 and more particularly described as follows:

All that part of the NE 1/4 - NW 1/4, Section 28, T21N, R17E, as described in Volume 751 of Records, page 145 that is bounded on the north by the north line of said Section 28 and is bounded on the south by a line 60 feet south of and parallel with the U.S.H. 10 reference line, described as follows:

Commencing at a point 0.7 feet S 1°-54' W of the north one-quarter corner of said Section 28, said point hereinafter referred to as "Point A"; Thence 87°-05' W 300 feet.

Also all that part of the said NE 1/4 - NW 1/4 lying northeasterly of a line described as follows:

Beginning at a point 145 feet N 87°-05' W of "Point A"; Thence southeasterly to a point 145 feet S 1°-54' W of "Point A".

PRIOR DEED REFERENCE: Vol. 913, Page 15

PARCEL NO: 10-1-1091

Grantor reserves the right to have access to the premises, at no cost to Grantor, at reasonable times to conduct any Environmental Response Activities only as and when required by the governmental agency with jurisdiction in connection with a release of petroleum hydrocarbons on the premises. As used herein, the term, "Environmental Response Activities", shall refer to investigation, monitoring, active remediation, passive remediation, remediation alternatives including but not limited to risk-based

AFFECTED
B
PROPERTY

EMC 2056
2501 W. Wisconsin Ave.
Grand Chute, Wisconsin

corrective action, and/or other activities as are required by the governmental agency having jurisdiction, as applicable to petroleum hydrocarbons. This shall be a covenant running with the land.

Exceptions to warranties; title is subject to:

1. (a) taxes and assessments (both general and special) not now due and payable; (b) zoning ordinances, subdivision and planning laws and regulations and building code restrictions and all laws, rules and regulations relating to land and structures and their use, including but not limited to governmental regulations relating to buildings, building construction, building line and use and occupancy restrictions, and violations of any of the foregoing; (c) easements, conditions, reservations, agreements, restrictions of record and a temporary easement dated March 12, 1997; (d) such a state of facts as an accurate survey might show; and (e) all legal roads and highways.

2. By acceptance hereof, Grantees agree that for a period of twenty-five (25) years from and after the date of this conveyance, the premises shall not be used for a convenience store or for the sale, marketing, storage or advertising of petroleum fuels or motor oils, and that this restriction shall be a covenant running with the land and shall be contained in and made a part of every deed, mortgage, lease or other instrument affecting the title to said premises.

TO HAVE AND TO HOLD the above granted and bargained premises, with the appurtenances thereof, unto the said GRANTEES, their successors and assigns forever. And GRANTOR, does for itself and its successors and assigns, covenant with the said GRANTEES, their successors and assigns, that at and until the ensealing of these presents, it is well seized of the above described premises, with the appurtenances thereunto belonging, to the said GRANTEES, their successors and assigns, against all lawful claims and demands whatsoever except as stated above.

IN WITNESS WHEREOF, said corporation sets its hand this 20 day of November, 1997.

Signed and acknowledged
in the presence of:

Donna Reynolds
Printed: Donna Reynolds

Donna Simson
Printed: Donna Simson

EMRO MARKETING COMPANY

By: _____
Name: G. E. Buroker
Title: Sr. V. P., Operations

STATE OF OHIO)
) SS.
COUNTY OF CLARK)

Personally came before me this 20 day of November, 1997, G. E. Buroker, its Sr. V. P., Operations of the above named Corporation, to me known to be the persons who executed the foregoing instrument and to me known to be such officer of said Corporation, and acknowledged that he executed the foregoing instrument as such officer as the deed of said Corporation, by its authority.

Donna Simson
Notary Public

My Commission Expires:

DONNA SIMSON
Notary Public, State of Ohio
My Commission Expires March 9, 1999

This Instrument Prepared by:
Q. H. Wood, Attorney-at-Law, 539 South Main Street, Findlay, Ohio 45840

G.C.

AFFECTED
C
PROPERTY

Notification of Continuing Obligations and Residual Contamination
Form 4400-286 (9/15)

The affected property is:

- ○ the source property (the source of the hazardous substance discharge), but the property is not owned by the person who conducted the cleanup (a deeded property)
- ◉ a deeded property affected by contamination from the source property
- ○ a right-of-way (ROW)
- ○ a Department of Transportation (DOT) ROW

Include this completed page as an attachment with all notifications provided under sections A and B.

Contact Information

Responsible Party: The person responsible for sending this form, and for conducting the environmental investigation and cleanup is:

Responsible Party Name					
Contact Person Last Name: Korth	First: Robert	MI	Phone Number (include area code): (920) 470-1092		
Address: N2982 Steeple Dr.	City: Appleton		State: WI	ZIP Code: 54913	
E-mail: bnn1025@AOL.com					

Name of Party Receiving Notification:

Business Name, if applicable: ALDI INC					
Title	Last Name: To whom it may concern	First	MI	Phone Number (include area code): (855) 955-2534	
Address: 116 N Linwood Ave	City: Appleton		State: WI	ZIP Code: 54914	

Site Name and Source Property Information:

Site (Activity) Name: Korth Property			
Address: 1629 W Wisconsin St.	City: Appleton	State: WI	ZIP Code: 54914
DNR ID # (BRRTS#): 03-45-002078	(DATCP) ID #		

Contacts for Questions:

If you have any questions regarding the cleanup or about this notification, please contact the Responsible Party identified above, or contact:

Environmental Consultant: METCO

Contact Person Last Name: Powell	First: Jason	MI: T	Phone Number (include area code): (608) 781-8879	
Address: 709 Gillette Street, Suite 3	City: La Crosse	State: WI	ZIP Code: 54603	
E-mail: jasonp@metcohq.com				

Department Contact:

To review the Department's case file, or for questions on cleanups or closure requirements, contact:

Department of: Natural Resources (DNR)

Address: 625 E County Rd Y STE 700	City: Oshkosh	State: WI	ZIP Code: 54901	
Contact Person Last Name: Verstegen	First: Tom	MI	Phone Number (include area code): (920) 424-0025	
E-mail (Firstname.Lastname@wisconsin.gov): Tom.Verstegen@wisconsin.gov				

G.C.

AFFECTED
C
PROPERTY

Section A: Deeded Property Notification: Residual Contamination and/or Continuing Obligations

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

116 N Linwood Ave
Appleton, WI, 54914

Dear To whom it may concern:

I am providing this letter to inform you of the location and extent of contamination remaining on your property, and of certain long-term responsibilities (continuing obligations) for which you may become responsible.
I have investigated a release of:
Petroleum
on 1629 W Wisconsin St., Appleton, WI, 54914 that has shown that contamination has migrated onto your property.
I have responded to the release and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

You have 30 days to comment on the attached legal description of your property and on the proposed closure request:

Please review the enclosed legal description of your property, and notify Jason Powell at 709 Gillette Street, Suite 3, La Crosse, WI, 54603 within the next 30 days if the legal description is incorrect.

The DNR will not review my closure request for at least 30 days after the date of receipt of this letter. As an affected property owner, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information that is relevant to this closure request, or if you want to waive the 30 day comment period, you should mail that information to the DNR contact: 625 E County Rd Y STE 700, Oshkosh, WI, 54901, or at Tom.Verstegen@wisconsin.gov.

Your Long-Term Responsibilities as a Property Owner and Occupant:

The responses included
Numerous geoprobe projects
The continuing obligations I am proposing that affect your property are listed below, under the heading **Continuing Obligations**. Under s. 292.12 (5), Wis. Stats., current and future owners and occupants of this property are responsible for complying with continuing obligations imposed as part of an approved closure.

The fact sheet "Continuing Obligations for Environmental Protection" (DNR publication RR 819) has been included with this letter, to help explain the responsibilities you may have for maintenance of a certain continuing obligation, the limits of any liability for investigation and cleanup of contamination, and how these differ. If the fact sheet is lost, you may obtain copies at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

Contract for responsibility for continuing obligation:

Before I request closure, I will need to inform the DNR as to whom will be responsible for the continuing obligation/s on your property.
No agreement has been worked out between the RP and affected party.

Under s. 292.12, Wis. Stats., the responsibility for maintaining all necessary continuing obligations for your property will fall on you or any subsequent property owner, unless another person has a legally enforceable responsibility to comply with the requirements of the final closure letter. If you need more time to finalize an agreement on the responsibility for the continuing obligations on your Property, you may request additional time from the DNR contact identified in **Contact Information.**

(Note: Future property owners would need to negotiate a new agreement.)

G.C.

AFFECTED C PROPERTY

Remaining Contamination:

Soil Contamination:

Soil contamination remains at :
116 N Linwood Ave.

The remaining contaminants include:
Lead and Benzene

at levels which exceed the soil standards found in ch. NR 720, Wis. Adm. Code. The following steps have been taken to address any exposure to the remaining soil contamination.
Natural Attenuation.

Continuing Obligations on Your Property: As part of the cleanup, I am proposing that the following continuing obligations be used at your property, to address future exposure to residual contamination. If my closure request is approved, you will be responsible for the following continuing obligations.

To construct a new well or to reconstruct an existing well, the property owner at the time of construction or reconstruction will need to obtain prior approval from the DNR. See the paragraph **GIS Registry and Well Construction Requirements.** Typically, this results in casing off a portion of the aquifer during drilling, when needed, to protect the water supply.

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- determine whether the material would be considered solid or hazardous waste
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Contaminated soil may be managed in-place, in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval. In addition, all current and future property owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

Maintenance and Audits of Continuing Obligations:

If compliance with a maintenance plan is required as part of a continuing obligation, an inspection log will need to be filled out periodically, and kept available for inspection by the DNR. Submittal of the inspection log may also be required. You will also need to notify any future owners or occupants of this property of the need to maintain the continuing obligation and to document that maintenance in the inspection log. Periodic audits of these continuing obligations may be conducted by the DNR, to ensure that potential exposure to residual contamination is being addressed. The DNR provides notification before conducting site visits as part of the audit.

GIS Registry and Well Construction Requirements:

If this site is closed, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at http://dnr.wi.gov/topic/Brownfields/clean.html. Inclusion on this database provides public notice of remaining contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), on the "GIS Registry" layer, at the same internet address listed above.

DNR approval prior to well construction or reconstruction is required for all sites included in the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. Special well construction standards may be necessary to protect the well from the remaining contamination. Well drillers need to first obtain approval from a regional water supply specialist in DNR's Drinking Water and Groundwater Program. The well construction application, form 3300–254, is on the internet at http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

G.C.

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PROPERTY

Site Closure:
If the DNR grants closure, you will receive a letter which defines the specific continuing obligations on your property. The status of the site (open or closed) may also be checked by searching BRRTS on the Web. You may view or download a copy of the closure letter (sent to the responsible party) from BRRTS on the Web. You may also request a copy of the closure letter from the **responsible party** or by writing to the DNR contact, at Tom Verstegen, Tom.Verstegen@wisconsin.gov, (920) 424-0025 . The final closure letter will contain a description of the continuing obligation, any prohibitions on activities and will include any applicable maintenance plan.

If you have any questions regarding this notification, I can be reached at: (608) 781-8879
jasonp@metcohq.com

Date Signed 10/8/19

Signature of responsible party/environmental consultant for the responsible party

Attachments
Contact Information
Legal Description for each Parcel:

Factsheets:
RR 819, Continuing Obligations for Environmental Protection

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C
PROPERTY

B.2.a. SOIL CONTAMINATION
KORTH PROPERTY

METCO
APPLETON, WISCONSIN

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

EISCH ELECTRIC
1713 W WASHINGTON STREET

POSSIBLE FORMER UST LOCATION

FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET

QUONSET HUT
1625 W WASHINGTON STREET

COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET

THE RETRO SALON
121 N DOUGLAS STREET

STUDIO H
119 N DOUGLAS STREET

117 N DOUGLAS STREET

115 N DOUGLAS STREET

107 N DOUGLAS STREET

N DOUGLAS STREET

ALDI'S FOOD STORE
115 N LINWOOD AVENUE

LOADING DOCK

RETAINING WALL (CONCRETE)

ASPHALT

CONCRETE

GRASS

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6

G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8 G-9 G-10 G-11 G-12 G-13 G-14 G-15 G-16 G-17 G-18 G-19 G-20 G-21 G-22 G-23 G-24 G-25

HA-1 HA-2 SS-1 SS-2 SS-3

AFFECTED
C
PROPERTY

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

ALDI Inc.
116 N. Linwood Ave.
Appleton, WI 54914

9590 9403 0958 5223 6282 96

7015 1660 0000 4342 9046

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by (Printed Name) Samison Pierce

C. Date of Delivery 10/12/16

D. Is delivery address different from item 1? ☑ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over $500)
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2015 PSN 7530-02-000-9053 Domestic Return Receipt

AFFECTED
C
PROPERTY

G.I.C

1648518

Document Number

WARRANTY DEED

Wisconsin Department of Transportation
Exempt from fee: s.77.25(2r) Wis. Stats.
RE3004x 896

THIS DEED, made by Aldi Inc.

GRANTOR, conveys and warrants the property described below to City of Appleton, GRANTEE, for the sum of
($250.00)

Any person named in this deed may make an appeal from the amount of compensation within six months after the date of recording of this deed as set forth in s.32.05(2a) Wisconsin Statutes. For the purpose of any such appeal, the amount of compensation stated on the deed shall be treated as the award, and the date the deed is recorded shall be treated at the date of taking and the date of evaluation.

Other persons having an interest of record in the property:

Legal Description This (is)(is not) homestead property.

FEE
12
EXEMPT

OUTAGAMIE COUNTY
RECEIVED FOR RECORD

JAN 2 7 2005

AT 9 O'CLOCK A.M. ~~P.M.~~
JANICE FLENZ
REGISTER OF DEEDS

This space is reserved for recording data

Return to

City of Appleton
100 N. Appleton Street ENVELOPE
Appleton, WI 54911

E
13.00

Parcel Identification Number/Tax Key Number
31-5-1732-01

LEGAL DESCRIPTION IS ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE.

Aldi Inc (Wisconsin)

by: Joan Kavanaugh
(Signature)

12/22/04
(Date)

Joan Kavanaugh Vice President
(Print Name)

(Signature)

(Print Name)

(Signature)

(Print Name)

(Signature)

(Print Name)

State of Wisconsin)
Milwaukee) ss.
~~Outagamie~~ County)

On the above date, this instrument was acknowledged before me by the named person(s) or officers.

Ramona L Elmore
(Signature, Notary Public, State of Wisconsin)

RAMONA L. ELMORE
(Print or Type Name, Notary Public, State of Wisconsin)

26 JUNE 2005
(Date Commission Expires)

Project ID E1648A04 STH 125 Instrument was drafted by OMNNI Associates Parcel No. 05

G.I.C.

AFFECTED
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PROPERTY

Fee title for the owner's interest in land contained within the following described tract being located in Block 84, Fifth Ward Plat located in the Southwest 1/4 of Section 27, T21N, R17E, City of Appleton, Outagamie County, Wisconsin:

Beginning at the intersection of the east right of way line of Linwood Street and the north right of way line of STH 125 (W. College Ave.), also being the southwest corner of said Block 84;
Thence N 00°02'59" W, 2.50 feet;
Thence S 45°02'56" E, 3.54 feet;
Thence S 89°57'07" W, 2.50 feet to the point of beginning.

Said parcel contains **3 square feet,** more or less.

Also, a **temporary interest** for slopes and driveway, including for such purpose the right to operate necessary equipment thereon, the right of ingress and egress, as long as required for such public purpose, including the right to preserve, protect, remove or plant any vegetation that the highway authorities deem desirable to prevent erosion of the soil. **This interest is to terminate on the date the construction project is completed.** Interest is to terminate on the date which is the later of the date the construction project is completed or December 31, 2006.
Said easement consists of the owner's interest in the following tracts of land located in Block 84, Fifth Ward Plat located in the Southwest 1/4 of Section 27, T21N, R17E, City of Appleton, Outagamie County, Wisconsin:

Commencing at the southwest corner of said Block 84
Thence N 89°57'07" E, 2.50 feet to the point of beginning;
Thence N 45°02'56" W, 3.54 feet;
Thence N 00°02'59" W, 12.50 feet;
Thence S 45°02'56" E, 21.21 feet;
Thence S 89°57'07" W, 12.50 feet to the point of beginning.

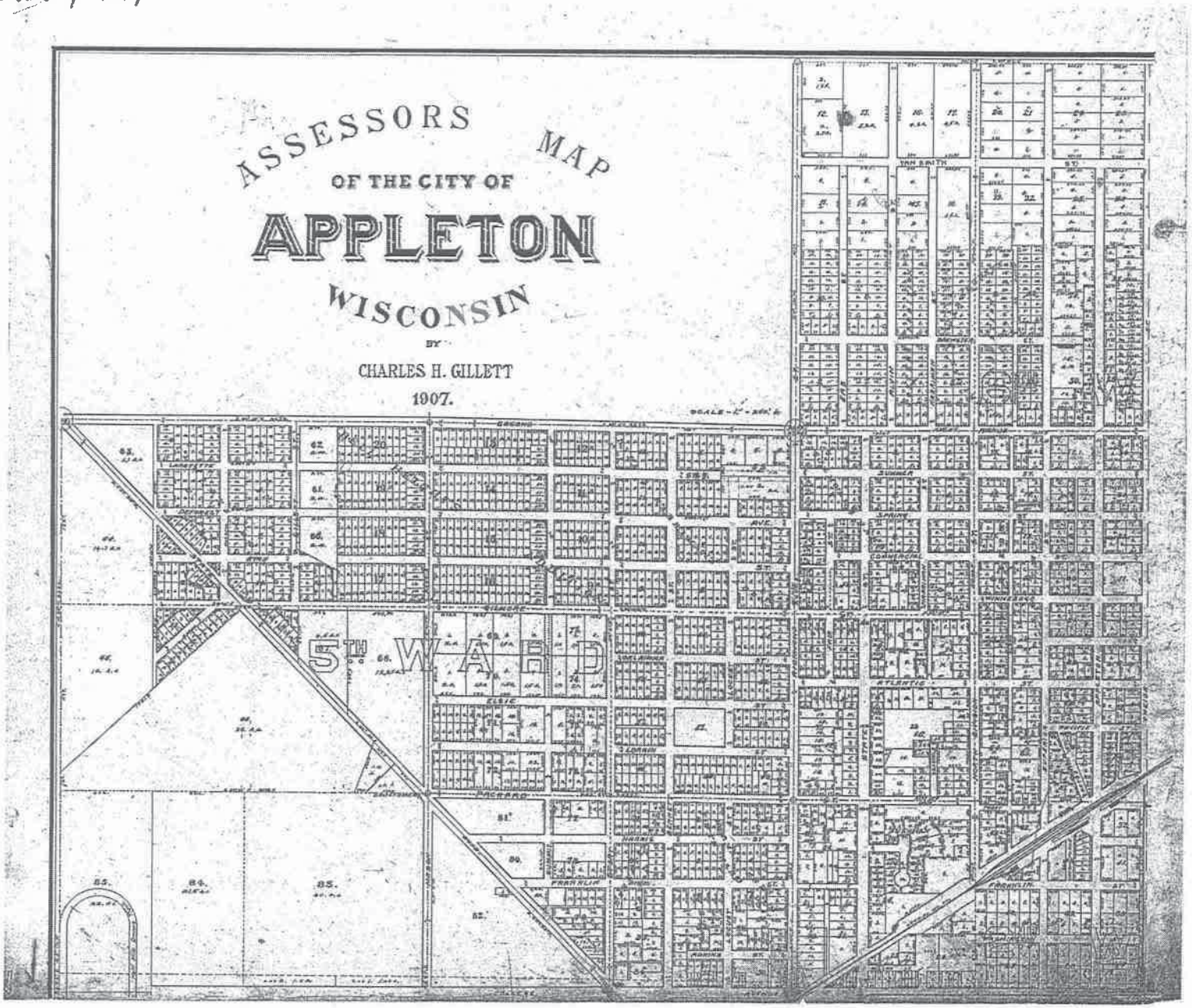
Also, beginning at southeast corner of said Block 84;
Thence S 89°57'07" W, 15.00 feet;
Thence N 00°03'45" W, 82.96 feet;
Thence N 89°53'47" E, 14.99 feet;
Thence S 00°03'45" E, 82.97 feet to the point of beginning.

Said parcels contain **1093 square feet.**

Other Consideration:

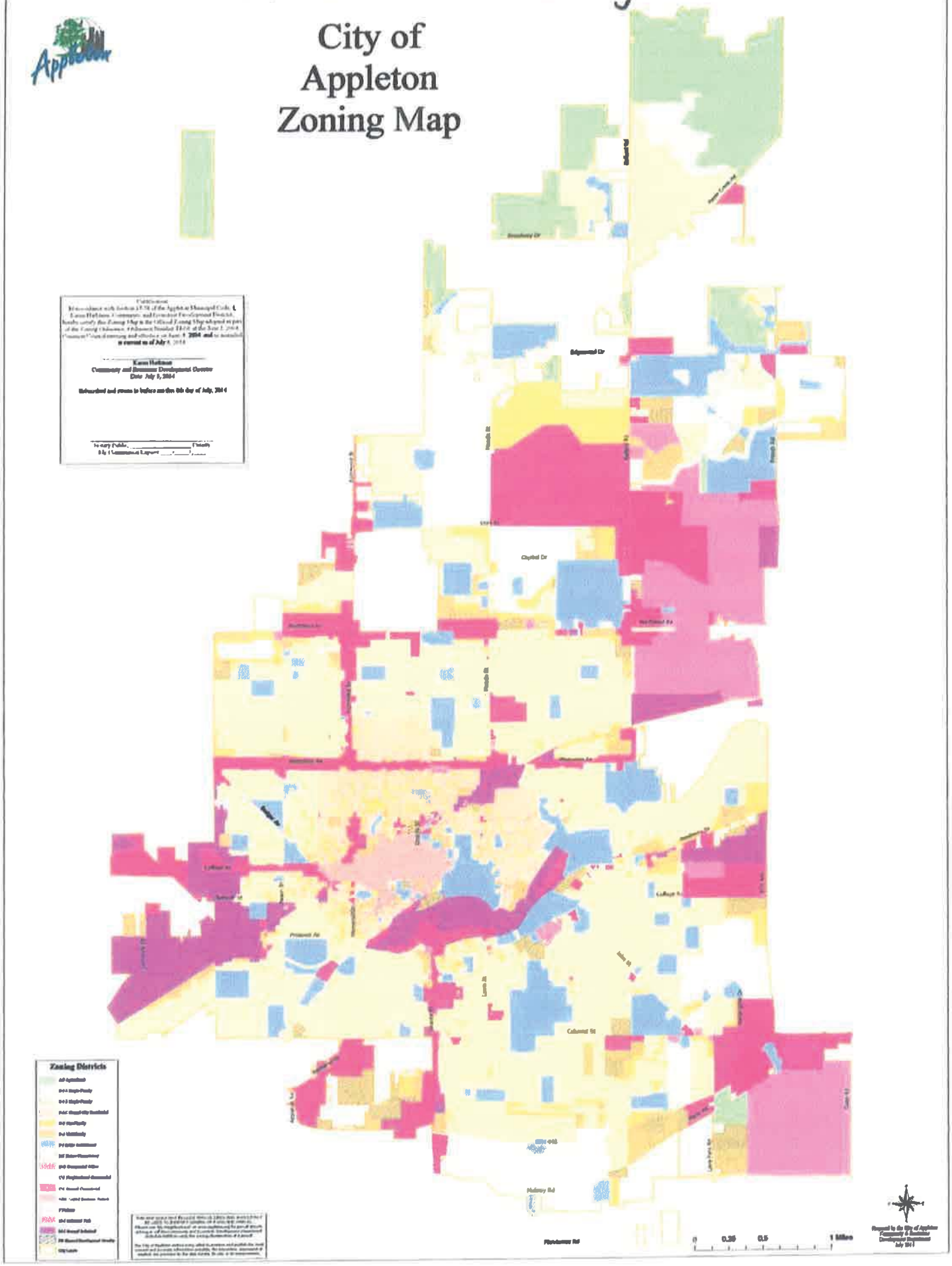
1. At least one access shall be maintained to the property during the 2006 construction.
2. The easement area shall be restored as close as practicable to it's preconstruction condition.

G.2. Certified Survey Map

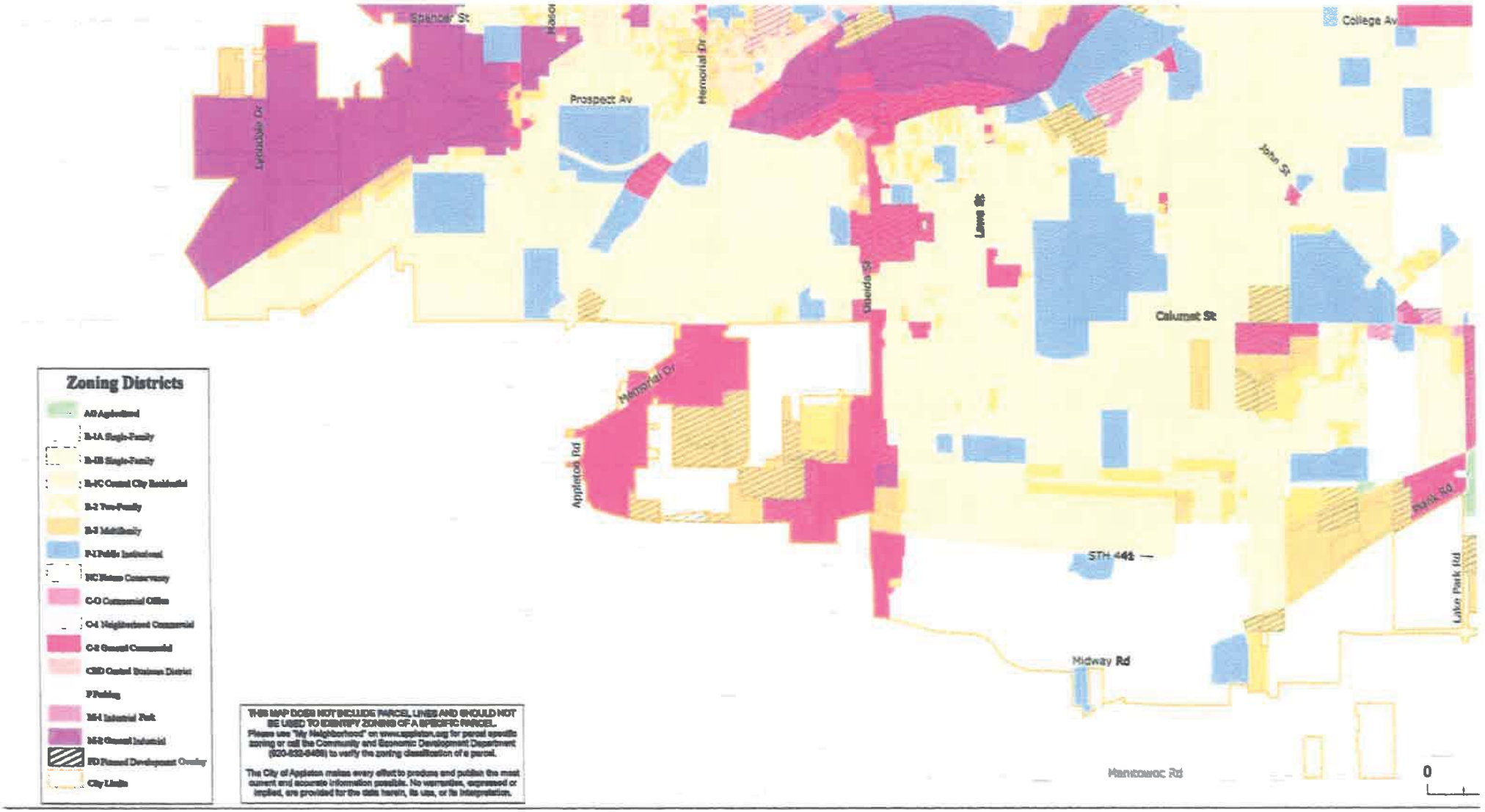


6.3. Verification of Zoning

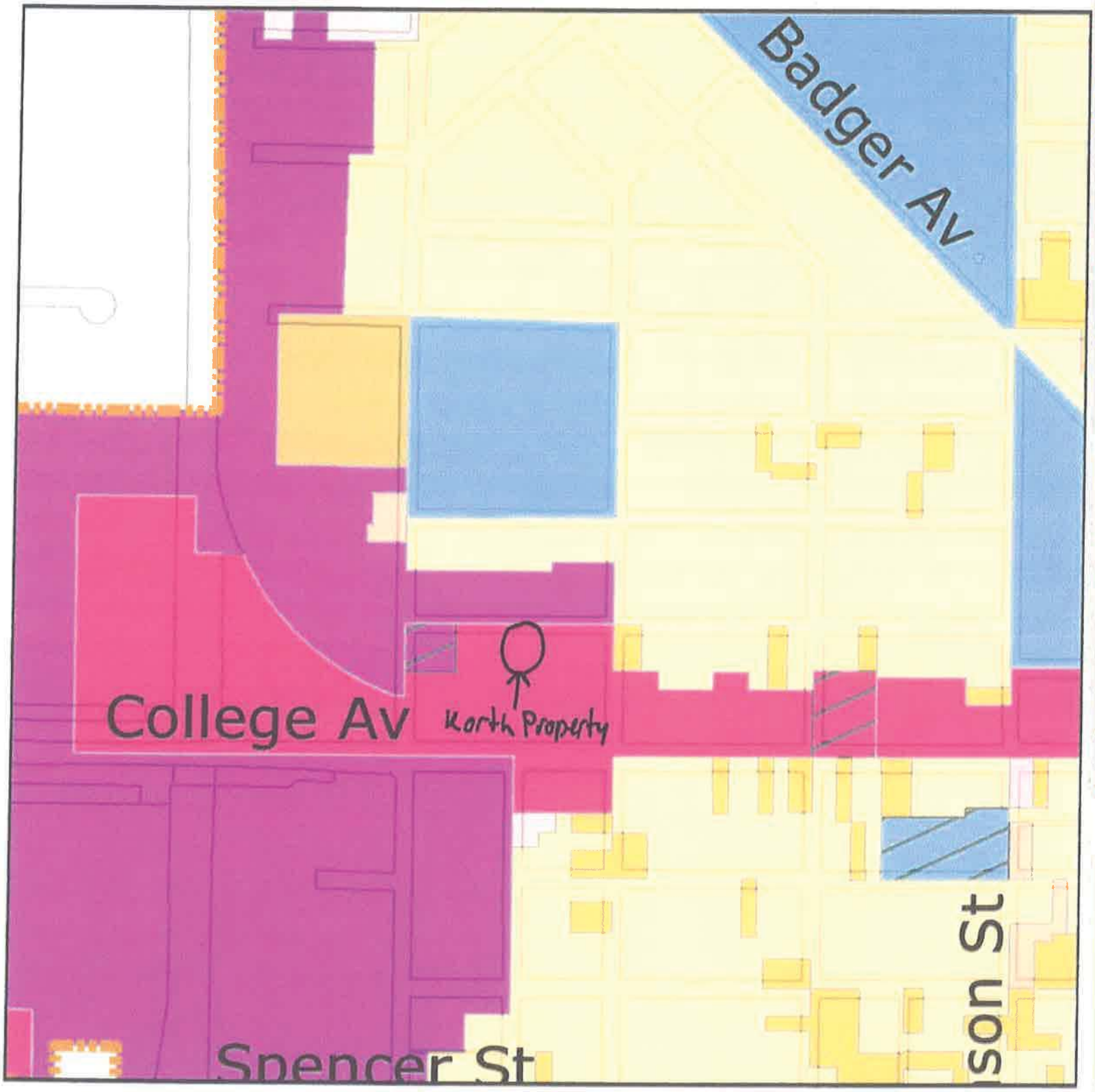
City of Appleton Zoning Map



6.3. Verification of zoning



6.3. Verification of Zoning



G.4 Signed Statement

WDNR BRRTS Case #:03-45-002078

WDNR Site Name: Korth Property

Geographic Information System (GIS) Registry of Closed Remediation Sites

In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

Robert Korth Owner
Nancy Korth (print name/title)

(signature) (date) 2-20-19

Nancy Korth 2/20/19

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

February 20, 2020

AFFECTED
A
PROPERTY

MR. STEVE EISCH
PO BOX 621
NEENAH, WI 54957-0621

SUBJECT: Continuing Obligations and Property Owner Requirements for 1713 W. Washington Street, Appleton WI
Parcel Identification Number: 315173210
Final Case Closure for Korth Property, 1629 W. Washington Street, Appleton, WI
DNR BRRTS Activity #: 03-45-002078

Dear Mr. Eisch:

The purpose of this letter is to notify you that certain continuing obligations apply to the property at 1713 W. Washington Street, Appleton WI, (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at 1629 W. Washington Street, Appleton, WI. The case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property. The continuing obligations that apply to the Property are stated as conditions in the attached closure approval letter, and are consistent with s. 292.12, Wis. Stats., and ch. NR 700, Wis. Adm. Code, rule series. They are meant to limit exposure to any remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist at the Property.

It is common for properties with approved cleanups to have continuing obligations as part of cleanup/closure approvals. Information on continuing obligations on properties can be found by using the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW). This database is found at dnr.wi.gov and search “WRRD”. This page also provides information on how to find further information about the closure and residual contamination, and how to use the map application, RR Sites Map, which shows environmental cleanup sites, including those closed with residual contamination and continuing obligations.

The Wisconsin Department of Natural Resources (department) reviewed and approved the case closure request regarding the petroleum contamination in soil and groundwater at this site, based on the information submitted by Ron Anderson of METCO. As required by state law, you received notification about the requested closure from the person conducting the cleanup. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.

Continuing Obligations Applicable to Your Property
A number of continuing obligations are described in the attached case closure letter to Robert Korth, dated February 20, 2020. However, only the following continuing obligations apply to your Property.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.

AFFECTED
A
PROPERTY

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present along the eastern boundary of the Property, as shown on the attached map **(**Groundwater Isoconcentration (9/19/19), Figure B.3.b, dated December 19, 2016). If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Petroleum contamination remains in soil along the eastern boundary of this Property, as indicated on the attached map (Residual Contamination Soil Contamination Map, Figure B.2.b, dated December 19, 2016). If contaminated soil is excavated in the future, the Property owner at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the Property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

In addition, all current and future owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

DNR Database – Well Construction Approval Needed
Because of the residual soil and groundwater contamination and the continuing obligations, this site, which includes your Property, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW), at dnr.wi.gov and search "WRRD". If you intend to construct or reconstruct a well on the Property, you will need to get department approval in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained online at dnr.wi.gov and search "3300-254". If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request an update to the database regarding the Property.

Property Owner Responsibilities
The owner (you and any subsequent property owner) of this Property is responsible for compliance with these continuing obligations, pursuant to s. 292.12, Wis. Stats. You are required to pass on the information about these continuing obligations to anyone who purchases this property from you (i.e. pass on this letter), in accordance with s. NR 727.05. You may have additional obligations to notify buyers of the condition of the Property and the continuing obligations set out in this letter and the closure letter.

If you lease or rent the Property to an occupant who will be responsible for maintaining a continuing obligation, you will need to include that responsibility in a lease agreement, in accordance with s. NR 727.05, Wis. Adm. Code.

AFFECTED
A
PROPERTY

February 20, 2020
Mr. Steve Eisch
Continuing Obligations and Property Owner Requirements
Korth Property, BRRTS #: 03-45-002078

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the DNR. The DNR intends to conduct inspections in the future to ensure that the conditions included in this letter, including compliance with referenced maintenance plans, are met.

These responsibilities are the property owner's. A property owner may enter into a legally binding agreement (such as a contract) with someone else (the person responsible for the cleanup) to take responsibility for compliance with the continuing obligations. If the person with whom any property owner has an agreement fails to adequately comply with the appropriate continuing obligations, the DNR has the authority to require the property owner to complete the necessary work.

A legal agreement between you and another party to carry out any of the continuing obligations listed in this letter does not automatically transfer to a new owner of the Property. If a subsequent Property owner cannot negotiate a new agreement, the responsibility for compliance with the applicable continuing obligations resides with that Property owner.

When maintenance of a continuing obligation is required, the Property owner is responsible for inspections, repairs, or replacements as needed. Such actions should be documented by the Property owner and the records kept accessible for the DNR to review for as long as the department directs.

You and any subsequent Property owners are responsible for notifying the department at least 45 days before making a change to a continuing obligation, and obtaining approval, before making any changes to the property that would affect the obligations applied to the Property.

Send all written notifications in accordance with the above requirements to 2984 Shawano Ave, Green Bay, WI 54313-6727, to the attention of Remediation and Redevelopment Program Environmental Program Associate.

The DNR fact sheet, RR-819, “Continuing Obligations for Environmental Protection” helps explain a property owner’s responsibility for continuing obligations on their property. This fact sheet should have been sent to you when you received a notification letter before the closure request was submitted to the DNR. You may obtain a copy at dnr.wi.gov and search “RR-819”.

Under s. 292.13, Wis. Stats., owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that has migrated onto a property from another property, through the soil, groundwater or sediment pathway. However, the exemption under s. 292.13, Wis. Stats., does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with s. 292.12, Wis. Stats. To maintain this exemption, that statute requires the current property owner and any subsequent property owners, to meet the conditions in the statute, including:

- Granting reasonable access to the DNR or responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The DNR appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Thomas Verstegen at (920) 424-0025.

AFFECTED
A
PROPERTY

February 20, 2020
Mr. Steve Eisch
Continuing Obligations and Property Owner Requirements
Korth Property, BRRTS #: 03-45-002078

Sincerely,

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

Attachments:

- Final Case Closure with Continuing Obligations w/o attachments, dated February 20, 2020
- Groundwater Isoconcentration (9/19/19), Figure B.3.b, dated December 19, 2016
- Residual Contamination Soil Contamination Map, Figure B.2.b, dated December 19, 2016

cc: Robert Korth, N2982 Steeple Dr, Appleton, WI 54913-7831
Ron Anderson, METCO (rona@metcohq.com)

B.3.b GROUNDWATER ISOCONCENTRATION (9/19/19)

KORTH PROPERTY

METCO
709 Gillette St, Suite 7
La Crosse, WI 54603
Tel: (608) 781-5575
Fax: (608) 781-5883
Excellence through experience

APPLETON, WISCONSIN

DRAWN BY: ED
DATE: 9/20/19

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40

AFFECTED A PROPERTY

W WASHINGTON STREET

N DOUGLAS STREET

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL

ESCH ELECTRIC
1713 W WASHINGTON STREET

FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET

QUONSET HUT
1625 W WASHINGTON STREET

COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET

THE RETRO SALON
121 N DOUGLAS STREET

STUDIO H
119 N DOUGLAS STREET

117 N DOUGLAS STREET

115 N DOUGLAS STREET

107 N DOUGLAS STREET

ALDI'S FOOD STORE
116 N LINWOOD AVENUE

POSSIBLE FORMER UST LOCATION

ASPHALT
CONCRETE
GRASS
LOADING DOCK
RETAINING WALL (CONCRETE)
ES
PAL

AFFECTED
A
PROPERTY

B.2.b. RESIDUAL CONTAMINATION SOIL CONTAMINATION MAP

KORTH PROPERTY

METCO
APPLETON, WISCONSIN
DRAWN BY: BD
DATE: 6/15/15

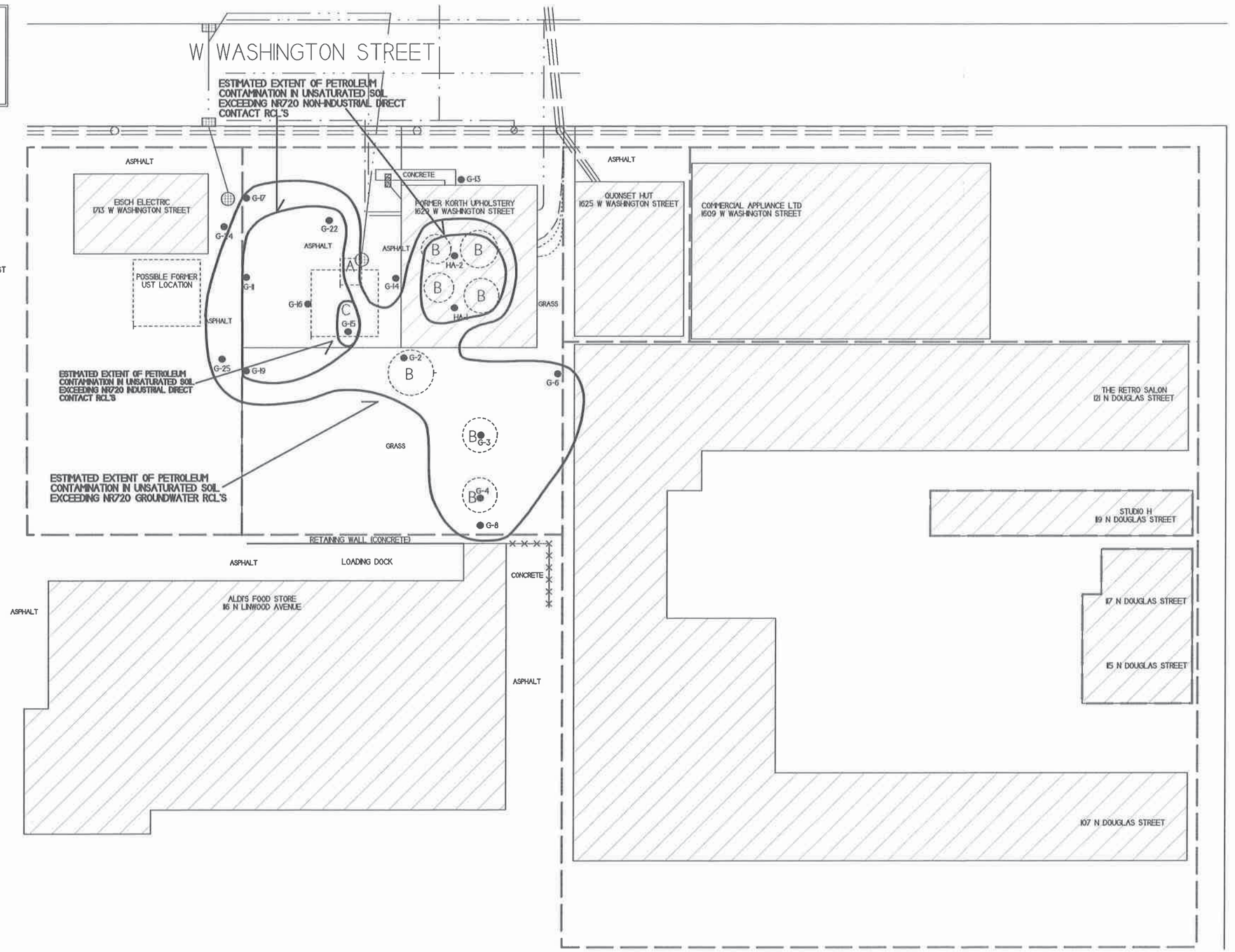
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40



State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

AFFECTED
B
PROPERTY

February 20, 2020

MR. JOHN MEIERS
115 DOUGLAS ST UPPER
APPLETON, WI 54914

SUBJECT: Continuing Obligations and Property Owner Requirements for 121 N. Douglas Street, Appleton, WI
Parcel Identification Number: 315173204
Final Case Closure for Korth Property, 1629 W. Washington Street, Appleton, WI
DNR BRRTS Activity #: 03-45-002078

Dear Mr. Meiers,

The purpose of this letter is to notify you that certain continuing obligations apply to the property at 121 N. Douglas Street, Appleton, WI (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at 1629 W. Washington Street, Appleton, WI. The case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property. The continuing obligations that apply to the Property are stated as conditions in the attached closure approval letter, and are consistent with s. 292.12, Wis. Stats., and ch. NR 700, Wis. Adm. Code, rule series. They are meant to limit exposure to any remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist at the Property.

It is common for properties with approved cleanups to have continuing obligations as part of cleanup/closure approvals. Information on continuing obligations on properties can be found by using the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW). This database is found at dnr.wi.gov and search “WRRD”. This page also provides information on how to find further information about the closure and residual contamination, and how to use the map application, RR Sites Map, which shows environmental cleanup sites, including those closed with residual contamination and continuing obligations.

The Wisconsin Department of Natural Resources (department) reviewed and approved the case closure request regarding the petroleum contamination found in soil and groundwater at this site, based on the information submitted by Ron Anderson of METCO. As required by state law, you received notification about the requested closure from the person conducting the cleanup. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.

Continuing Obligations Applicable to Your Property
A number of continuing obligations are described in the attached case closure letter to Robert Korth, dated February 20, 2020. However, only the following continuing obligations apply to your Property.

- Residual soil contamination exists that must be properly managed should it be excavated or removed.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Petroleum contamination remains near soil sampling location G-6 along the northwest boundary of the Property, as indicated on the attached map (Residual Contamination Soil Contamination Map, Figure B.2.b, dated

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PROPERTY

December 19, 2016). If contaminated soil 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 to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

In addition, all current and future owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

DNR Database – Well Construction Approval Needed

Because of the residual soil contamination and the continuing obligations, this site, which includes your Property, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW), at dnr.wi.gov and search "WRRD". If you intend to construct or reconstruct a well on the Property, you will need to get department approval in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained online at dnr.wi.gov and search "3300-254". If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request an update to the database regarding the Property.

Property Owner Responsibilities

The owner (you and any subsequent property owner) of this Property is responsible for compliance with these continuing obligations, pursuant to s. 292.12, Wis. Stats. You are required to pass on the information about these continuing obligations to anyone who purchases this property from you (i.e. pass on this letter), in accordance with s. NR 727.05. You may have additional obligations to notify buyers of the condition of the Property and the continuing obligations set out in this letter and the closure letter.

If you lease or rent the property to an occupant who will be responsible for maintaining a continuing obligation, you will need to include that responsibility in a lease agreement, in accordance with s. NR 727.05, Wis. Adm. Code.

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the DNR. The DNR intends to conduct inspections in the future to ensure that the conditions included in this letter, including compliance with referenced maintenance plans, are met.

These responsibilities are the property owner's. A property owner may enter into a legally binding agreement (such as a contract) with someone else (the person responsible for the cleanup) to take responsibility for compliance with the continuing obligations. If the person with whom any property owner has an agreement fails to adequately comply with the appropriate continuing obligations, the DNR has the authority to require the property owner to complete the necessary work.

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February 20, 2020
Mr. John Meiers
Continuing Obligations and Property Owner Requirements
Korth Property, BRRTS #: 03-45-002078

A legal agreement between you and another party to carry out any of the continuing obligations listed in this letter does not automatically transfer to a new owner of the Property. If a subsequent Property owner cannot negotiate a new agreement, the responsibility for compliance with the applicable continuing obligations resides with that Property owner.

When maintenance of a continuing obligation is required, the Property owner is responsible for inspections, repairs, or replacements as needed. Such actions should be documented by the Property owner and the records kept accessible for the DNR to review for as long as the department directs.

You and any subsequent Property owners are responsible for notifying the department at least 45 days before making a change to a continuing obligation, and obtaining approval, before making any changes to the property that would affect the obligations applied to the Property. Send all written notifications in accordance with the above requirements to 2984 Shawano Ave, Green Bay, WI 54313-6727, to the attention of Remediation and Redevelopment Program Environmental Program Associate.

The DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" helps explain a property owner's responsibility for continuing obligations on their property. This fact sheet should have been sent to you when you received a notification letter before the closure request was submitted to the DNR. You may obtain a copy at dnr.wi.gov and search "RR-819".

Under s. 292.13, Wis. Stats., owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that has migrated onto a property from another property, through the soil, groundwater or sediment pathway. However, the exemption under s. 292.13, Wis. Stats., does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with s. 292.12, Wis. Stats. To maintain this exemption, that statute requires the current property owner and any subsequent property owners, to meet the conditions in the statute, including:

- Granting reasonable access to the DNR or responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

The DNR appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Thomas Verstegen at (920) 424-0025.

Sincerely,

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

Attachments:

- Final Case Closure with Continuing Obligations w/o attachments, dated February 20, 2020
- Residual Contamination Soil Contamination Map, Figure B.2.b, dated December 19, 2016

cc: Robert Korth, N2982 Steeple Dr, Appleton, WI 54913-7831
Ron Anderson, METCO (rona@metcohq.com)

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PROPERTY

B.2.b. RESIDUAL CONTAMINATION SOIL CONTAMINATION MAP

KORTH PROPERTY

METCO
APPLETON, WISCONSIN
DRAWN BY: BD
DATE: 6/15/10

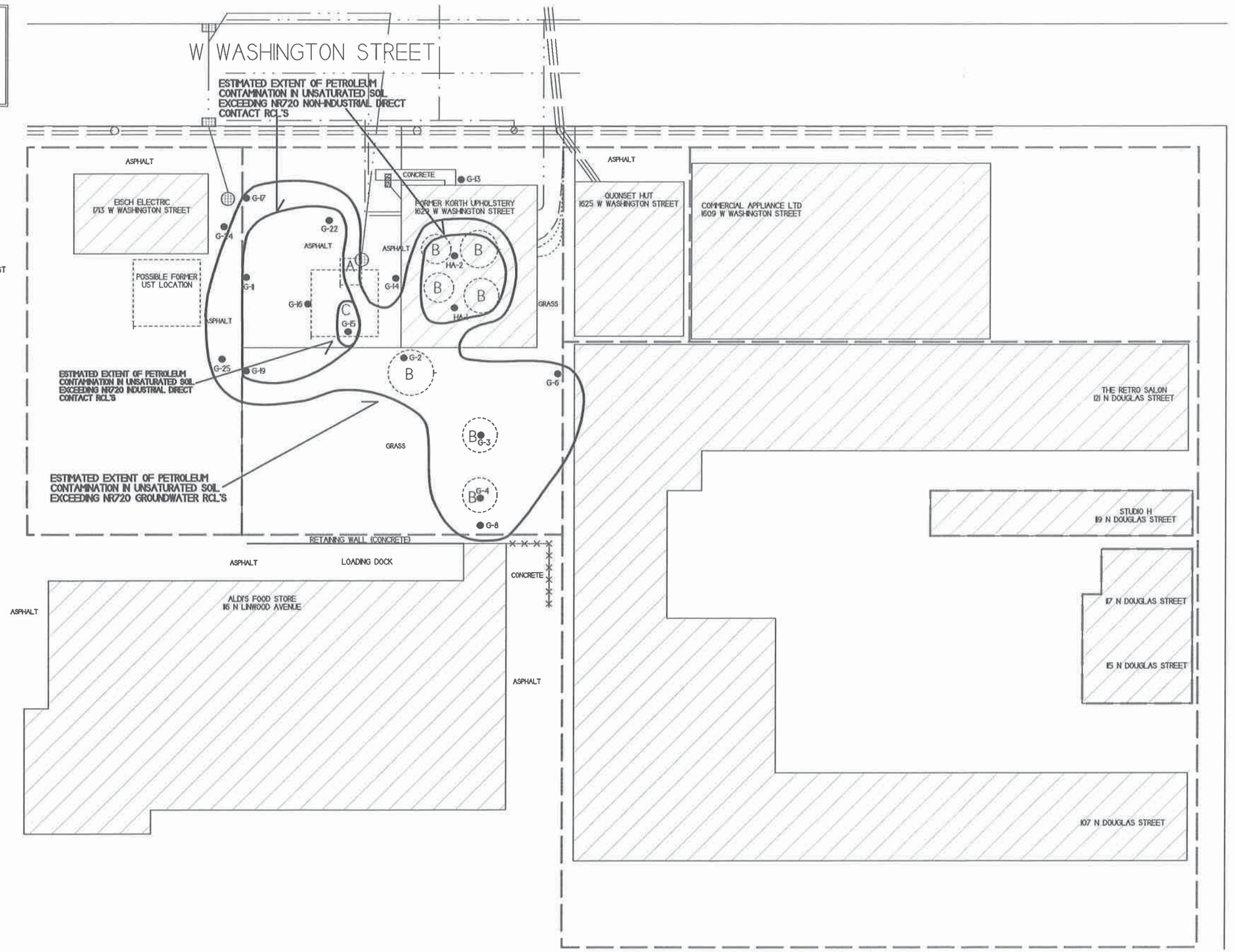
NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40



State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Tony Evers, Governor
Preston D. Cole, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

February 20, 2020

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ALDI INC
C/O RYAN TAX SERVICES – DEPT 501
PO BOX 460049
HOUSTON, TX 77056

SUBJECT: Continuing Obligations and Property Owner Requirements for 116 N. Linwood Ave, Appleton, WI
Parcel Identification Number: 315173201
Final Case Closure for Korth Property, 1629 W. Washington Street, Appleton, WI
DNR BRRTS Activity #: 03-45-002078

To whom it may concern,

The purpose of this letter is to notify you that certain continuing obligations apply to the property at 116 N. Linwood Ave, Appleton, WI, (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at 1629 W. Washington Street, Appleton, WI. The case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property. The continuing obligations that apply to the Property are stated as conditions in the attached closure approval letter, and are consistent with s. 292.12, Wis. Stats., and ch. NR 700, Wis. Adm. Code, rule series. They are meant to limit exposure to any remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist at the Property.

It is common for properties with approved cleanups to have continuing obligations as part of cleanup/closure approvals. Information on continuing obligations on properties can be found by using the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web (BOTW). This database is found at dnr.wi.gov and search “WRRD”. This page also provides information on how to find further information about the closure and residual contamination, and how to use the map application, RR Sites Map, which shows environmental cleanup sites, including those closed with residual contamination and continuing obligations.

The Wisconsin Department of Natural Resources (department) reviewed and approved the case closure request regarding the petroleum and lead contamination in soil and/or groundwater at this site, based on the information submitted by Ron Anderson of METCO. As required by state law, you received notification about the requested closure from the person conducting the cleanup. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.

Continuing Obligations Applicable to Your Property
A number of continuing obligations are described in the attached case closure letter to Robert Korth, dated February 20, 2020. However, only the following continuing obligations apply to your Property.

- Residual soil contamination exists that must be properly managed should it be excavated or removed.

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Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Petroleum and lead soil contamination remains near soil sampling location G-8 along the northeast boundary of the Property, as indicated on the attached map (Residual Contamination Soil Contamination Map, Figure B.2.b, dated December 19, 2016). If contaminated soil 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 to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

In addition, all current and future owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

DNR Database – Well Construction Approval Needed
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- Granting reasonable access to the DNR or responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

February 20, 2020
Aldi Inc., C/O Ryan Tax Services – Dept 501
Continuing Obligations and Property Owner Requirements
Korth Property, BRRTS #: 03-45-002078

The DNR appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Thomas Verstegen at (920) 424-0025.

Sincerely,

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

Attachments:

- Final Case Closure with Continuing Obligations w/o attachments, dated February 20, 2020
- Residual Contamination Soil Contamination Map, Figure B.2.b, dated December 19, 2016

cc: Robert Korth, N2982 Steeple Dr, Appleton, WI 54913-7831
Ron Anderson, METCO (rona@metcohq.com)

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PROPERTY

B.2.b. RESIDUAL CONTAMINATION SOIL CONTAMINATION MAP

KORTH PROPERTY

METCO
APPLETON, WISCONSIN
DRAWN BY: BD
DATE: 6/15/15

NOTE: INFORMATION BASED ON AVAILABLE DATA ACTUAL CONDITIONS MAY DIFFER

- ● - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION
- ▲ - SUB SLAB VAPOR SAMPLE LOCATIONS
- ⊘ - FIRE HYDRANT
- ○ - UTILITY POLE
- ▦ - STORM DRAIN

A - FORMER PUMP HOUSE - 1970 SANBORN MAP
B - FORMER GASOLINE TANKS - 1970 SANBORN MAP
C - APPROXIMATE LOCATION OF REMOVED 20,000-GALLON FUEL OIL UST

PROPERTY BOUNDARIES
WATER LINE
SANITARY SEWER
STORM SEWER
NATURAL GAS
TELEPHONE/CABLE
BURIED ELECTRIC LINE
FENCE
OVERHEAD UTILITIES

SCALE:
1 INCH = 40 FEET
0 20 40

W WASHINGTON STREET

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 INDUSTRIAL DIRECT CONTACT RCL'S

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN UNSATURATED SOIL EXCEEDING NR720 GROUNDWATER RCL'S

ASPHALT
EISCH ELECTRIC
1713 W WASHINGTON STREET
POSSIBLE FORMER UST LOCATION
CONCRETE
FORMER KORTH UPHOLSTERY
1629 W WASHINGTON STREET
GRASS
QUONSET HUT
1625 W WASHINGTON STREET
COMMERCIAL APPLIANCE LTD
1609 W WASHINGTON STREET
THE RETRO SALON
121 N DOUGLAS STREET
STUDIO H
119 N DOUGLAS STREET
117 N DOUGLAS STREET
115 N DOUGLAS STREET
107 N DOUGLAS STREET
N DOUGLAS STREET
RETAINING WALL (CONCRETE)
LOADING DOCK
ALDI'S FOOD STORE
116 N LINWOOD AVENUE
G-1 G-2 G-3 G-4 G-5 G-6 G-8 G-11 G-13 G-14 G-15 G-16 G-17 G-19 G-22 G-25
HA-1 HA-2
A B C