State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

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

May 15, 2020

Mr. Steve Bialk
Cream City Storage LLP
1823 N Palmer St
Milwaukee, WI 53212

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Heinen Property, 10020 Appleton Ave, Milwaukee, WI
DNR BRRTS Activity #: 03-41-001789, PECFA # 53225-2516-20
FID #: 241577820

Dear Mr. Bialk:

The Department of Natural Resources (DNR) considers Heinen Property closed, with continuing obligations. 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. For residential property transactions, you may be required to make disclosures under s. 709.02, Wis. Stats.

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 DNR reviewed the request for closure on February 2, 2020. The DNR 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 March 13, 2020, and documentation that the conditions in that letter were met was received on April 20, 2020.

The Heinen Property was investigated for a discharge of hazardous substances from a leaking underground storage tank (LUST) that contained gasoline. The LUST system (including the pipes for distribution and the pump islands) were evaluated for leaking of product during the site investigation. The investigation covered most of the property and determined the contamination did not extend off the site. Case closure is granted for the petroleum-based soil and groundwater contamination that were investigated during the site investigation, as documented in the case file. The site investigation addressed the soil, groundwater, and vapor. 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.
- Pavement and the soil cover must be maintained over contaminated soil and the DNR must be notified and approve any changes to this barrier.

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 SER Waukesha State Office Building, 141 NW Barstow St, room 180, Waukesha WI office, at. 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 pavement and the soil cover barrier is required, as shown on the attached map; Location Map (Cap), Figure D.2, dated April 21, 2020, 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 the current property owner 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
2300 N Doctor Martin Luther King Jr Dr.
Milwaukee, WI 53212

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present on this contaminated property as shown on the attached map; Groundwater Isoconcentration, Figure B.3.b dated July 20, 2016. If you intend to construct a new well, or reconstruct an existing well, you will need prior DNR approval.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains in the general area of the underground storage tank basin as indicated on the attached map; Residual Soil Contamination, Figure B.2.b, dated July 20, 2016. If soil in the specific locations described above 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 or right-of-way holder 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 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.

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats., s. NR 726.15, s. NR 727.07 Wis. Adm. Code)
The pavement and other impervious cover that exists in the location shown on the attached map; Location Map (Cap), Figure D.2, dated April 21, 2020 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.

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 available for inspection. Inspections shall be conducted annually, in accordance with the attached maintenance plan. Submit the inspection log to the DNR only upon request.

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, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats., 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 Greg Michael at 262.666.3782, or at Greg.Michael@Wisconsin.gov.

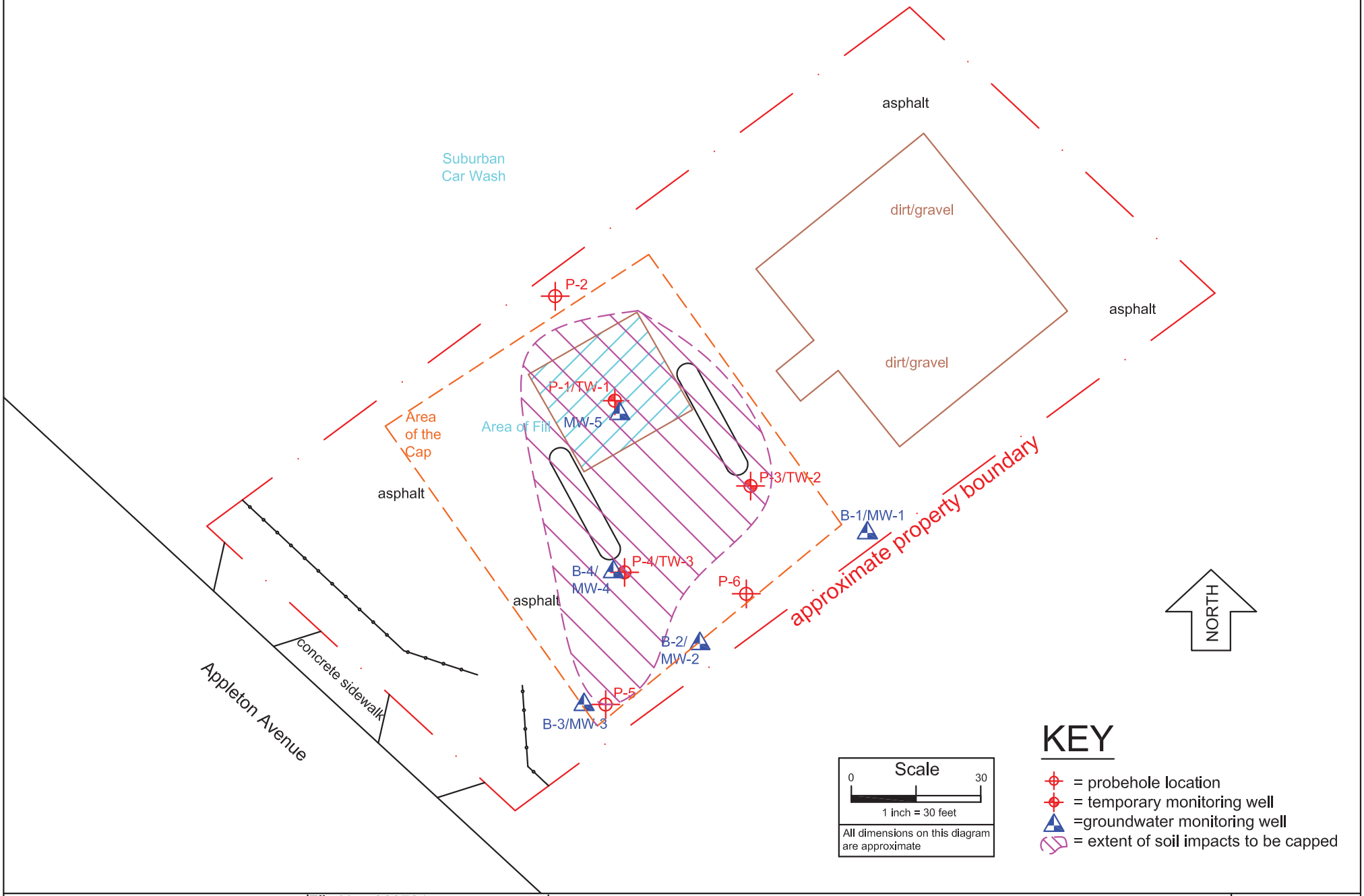
Sincerely,

Pamela A. Mylotta
Southeast Region Team Supervisor
Remediation & Redevelopment Program

Attachments:

Location Map (Cap), Figure D.2, dated April 21, 2020
Groundwater Isoconcentration, Figure B.3.b dated July 20, 2016
Residual Soil Contamination, Figure B.2.b, dated July 20, 2016
Cap Maintenance Plan, dated April 7, 2020
Continuing Obligations Inspection and Maintenance Log, DNR Form 4400-305

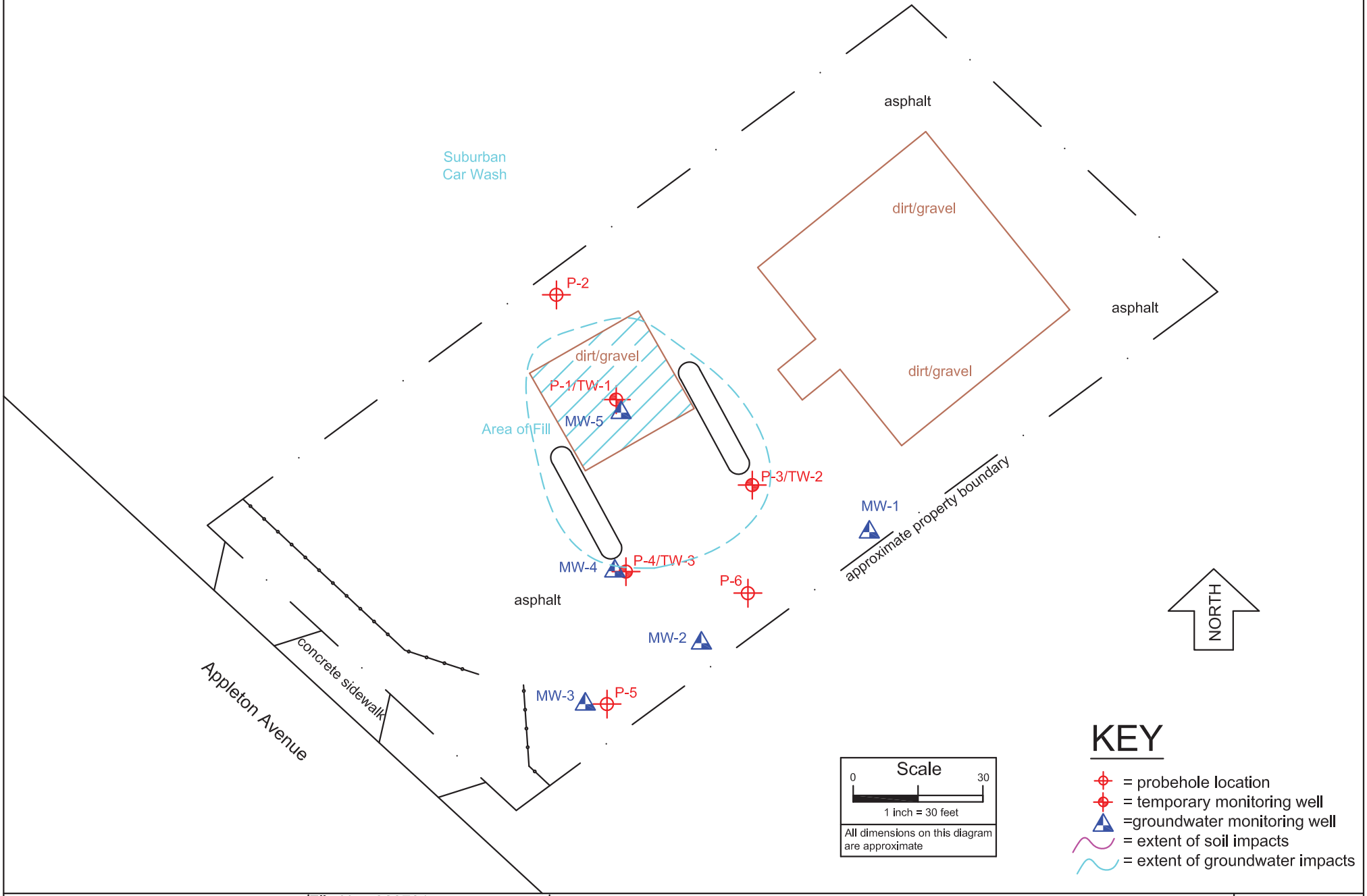
cc: Friess Environmental, Bryan Friess e-mail only



FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701e
	DWG Date: 8-8-14
	Rev Date: 4-21-20
	Drawn By: TJO
	Checked By (PM): TJO

D.2 Location Map (Cap)
10020 Appleton Avenue
Milwaukee, Wisconsin

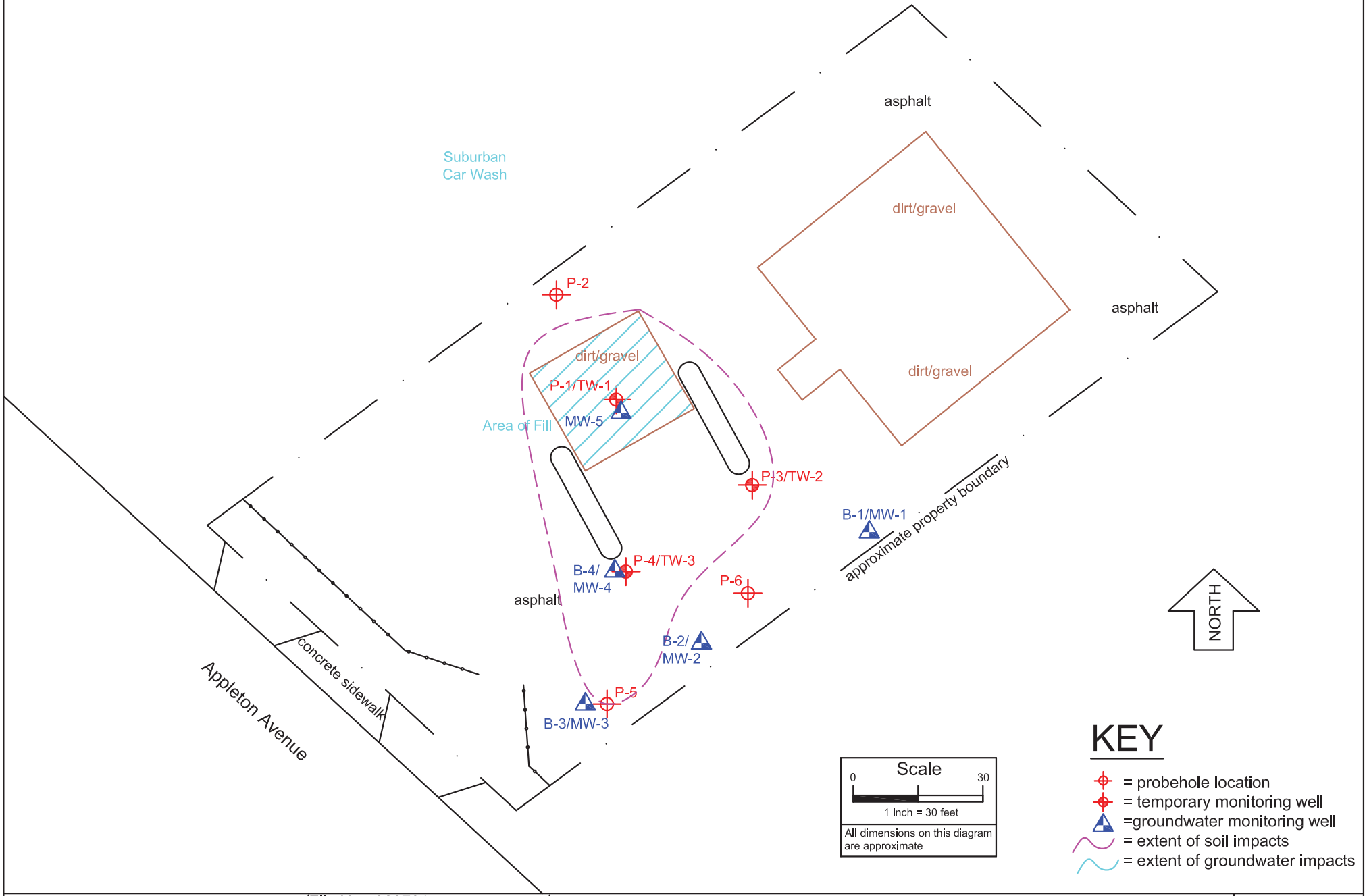
Figure
D.2.



FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701e DWG Date: 8-8-14 Rev Date: 7-20-16 Drawn By: TJO Checked By (PM): TJO	**B.3.b. Groundwater Isoconcentration** 10020 Appleton Avenue Milwaukee, Wisconsin

Figure

B.3.b.



FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701e DWG Date: 8-8-14 Rev Date: 7-20-16 Drawn By: TJO Checked By (PM): TJO	**B.2.b. Residual Soil Contamination** 10020 Appleton Avenue Milwaukee, Wisconsin	Figure B.2.b.

CAP MAINTENANCE PLAN

April 7, 2020

Property Located at:

10020 West Appleton Avenue
Milwaukee, WI 53212

BRRTS No. 03-41-001789
FID No. 241577820

Described as follows:

All that part of the SW ¼ of Section 29, T8N, R21E, in the City of Milwaukee, Milwaukee County, Wisconsin, bounded and described as on the attached deed.

Parcel ID No. 179-9982-117-0

Introduction:

This document is the Maintenance Plan for a cap at the above referenced property (the "Property") in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing cap within specific areas of the Property.

More site-specific information about the Property may be found in:

- The case file in the Wisconsin Department of Natural Resources (DNR) southeast regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites): http://botw.dnr.state.wi.us/botw/SetUpBasicSearchForm.do
- GIS Registry PDF file for further information on the nature and extent of contamination: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts2 and
- The DNR project manager (contact information found on the last page).

Description of Residual Impacts:

The subject property has historically been occupied by a service station and is currently a vacant, asphalt/concrete paved parking area. The Property is zoned commercial and the zoning is consistent with the current and planned future use. Site investigation (SI) activities have been conducted at the Property and the results indicated concentrations of residual soil impacts associated with the historic use of petroleum at the property. Concentrations of select petroleum volatile organic compounds (PVOCs), including but not limited to ethylbenzene, naphthalene, combined trimethylbenzenes, and xylenes above their NR 720 residual contaminant levels (RCLs) for the protection of groundwater and/or direct contact risk remain on the site at depths of 6 to 10 feet below grade. The area of residual soil impacts is currently capped with the asphalt/concrete pavement. Based on the soil sampling results, the residual soil impacts will be addressed through maintaining the existing cap to limit precipitation infiltration.

The Property owner, 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.

CAP MAINTENANCE PLAN

Description of the Cap to be maintained:

The asphalt/concrete area (the "Cap") that exists on the property over the residual soil impacts on the above-described property in the locations shown on the attached map (Figure 1) serve as a barrier to limit precipitation infiltration that might otherwise pose a threat to human health. Based on the current and future use of the Property, the Cap should function as intended unless disturbed.

Cap Inspection:

The Cap overlying residual soil impacts and as depicted on the attached map (Figure 1) 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 may allow precipitation infiltration. 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 the Cap needs repair will be documented. A log of the inspections and any repairs will be maintained by the Property owner and is included (Maintenance Inspection Log). The inspection log will include recommendations for necessary repair of any areas of the Cap that needs repair. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept by the property owner and available for submittal to or inspection by DNR representatives upon their request.

Cap 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 regrading, patching and filling, or larger resurfacing, or construction operations. If maintenance activities or new plantings (i.e. trees) expose the underlying soil, the Property owner must inform maintenance and/or landscaping workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment (PPE). The Property owner must also sample any soil that is excavated from the capped area of the Property prior to disposal to ascertain if soil impacts remain. The soil must be treated, stored, and disposed of by the Property owner in accordance with applicable local, state, and federal law.

In the event the Cap overlying the residual soil impacts is removed or replaced, the replacement barrier must be equivalent for minimizing precipitation infiltration. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Cap Maintenance Plan unless indicated otherwise by the DNR or its successor.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting the Cap:

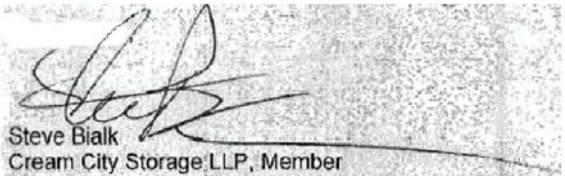
The following activities are prohibited on any portion of the Property where the Cap is required, unless prior written approval has been obtained from the DNR: (1) removal of the existing cap; (2) replacement of the cap with another barrier; (3) excavating or grading of the land surface; (4) filling on the capped surface; (5) plowing for agricultural cultivation; and (6) construction or placement of a building or other structure within the capped area.

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 the DNR.

Contact Information (as of April 2020):

Site Owner and Operator: Mr. Steve Bialk
Cream City Storage LLP
1823 N. Palmer Street
Milwaukee, WI 53212

Signature: 

Consultant: Friess Environmental Consulting, Inc.
Attn: Richard W. Frieseke, P.E.
6635 North Sidney Place
Milwaukee, WI 53209
(414) 228-9815

Signature: Richard W. Frieseke

DNR: Mr. Greg Michael
Hydrogeologist
Wisconsin Department of Natural Resources
141 NW Barstow Street, Suite 180
Waukesha, WI 53188
(262) 574-2176

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

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: Former Heinen Property

BRRTS No.: 03-41-001789

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):

Greg.Michael@Wisconsin.gov

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?
03/20/2020	Trenton Ott	☐ monitoring well ☒ cover/barrier ☐ vapor mitigation system ☐ other:	Concrete in good condition, some cracking in the asphalt.	None at this time.	( ) 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

Continuing Obligations Inspection and Maintenance Log

{Click to Add/Edit Image} Date added:

Title:

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.	VPLE No.		
03-41-001789			
Parcel ID No.			
179-9982-117-0			
FID No.	**WTM Coordinates**		
	X	Y	
241577820	679672	296162	
BRRTS Activity (Site) Name	**WTM Coordinates Represent:**		
Former Heinen Property	☐ Source Area	☒ Parcel Center	
Site Address	**City**	**State**	**ZIP Code**
10020 W Appleton Ave	Milwaukee	WI	53212
Acres Ready For Use			
0.5			

Responsible Party (RP) Name			
Steve Bialk			
Company Name			
Cream City Storage LLP			
Mailing Address	**City**	**State**	**ZIP Code**
1823 N Palmer St	Milwaukee	WI	53212
Phone Number	**Email**		
	sbialk@att.net		

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

Environmental Consultant Name			
Trenton Ott			
Consulting Firm			
Friess Environmental Consulting, Inc.			
Mailing Address	**City**	**State**	**ZIP Code**
6635 North Sidney Place	Milwaukee	WI	53209
Phone Number	**Email**		
(414) 228-9815	tott@fecinc.us		

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 $ $1,700.00

   ☐ 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 Site is located on the north side of Appleton Avenue just east of Carmen Avenue and listed as 10020 West Appleton Avenue in Milwaukee, Wisconsin. The site is currently an asphalt paved vacant lot bordered by commercial properties to teh north, Appleton Avenue to the south, residential apartments to the east, and a commercial property to the west. Residential apartment buildings are located farther to the south across Appleton Avenue.

B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.
The Site was historically utilized as a restaurant and gasoline filling station with associated underground storage tanks. The buildings were removed between 2005 and 2010 and the Site is currently a partially asphalt paved vacant lot.

C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
LB-1 Local Business District per the City of Milwaukee.

D. Describe how and when site contamination was discovered.
Based on field results only, petroleum contaminated soil was believed to be present during sampling conducted in 1991; however, the impacts were not confirmed through laboratory analysis. As such, initial site investigation activities were conducted in 2006 and consisted of advancing six soil probes, installing three temporary groundwater monitoring wells and conducting groundwater sampling.

E. Describe the type(s) and source(s) or suspected source(s) of contamination.
Based on the field observations and results of the analytical testing, elevated petroleum soil impacts were present in the area of the former UST cavity and pump islands. The soil impacts were further evaluated through groundwater sampling, which indicated elevated levels of petroleum groundwater impacts within the former UST cavity.

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.
03-41-001789 Former Heinen Property

H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.
03-41-003345 Suburban Car Wash (west)

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.
The native soils consist of a silty clay with some lenses of silty sand present from 6 to 12 feet below ground surface (bgs) in the central portion of the Site.

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Silty sand, gravel, and pea gravel fill materials were encountered within the former UST cavity to a depth of approximately 13 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 to a depth of 16 feet bgs and is anticipated to be at a depth greater than 50 feet bgs.

iv. Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).
The Site is generally overlain with an asphalt parking lot with a grassy area on the northern end of the Site where the building was formerly located.

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 is perched within a foot of the ground surface within the former UST cavity. Farther from the UST cavity groundwater is present at depths of 5 to 7 feet bgs, which likely represents the actual groundwater table.

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

Groundwater is likely perched in the area of the former UST and groundwater flow has been determined to be to the east.

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

Based on the testing the hydraulic conductivity was calculated to be 4.69x10-4 cm/s. Based on the presence of native silty clay soils groundwater flow would be limited and may be flowing through the silty sand lenses present in the center portion of the Site. Perched water within former UST cavity indicates lower permeability soils are present around the fill materials.

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).

Subject property is on municipal sewer and water. No potable wells within 1,200 feet.

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.

Based on field results only, petroleum contaminated soil was believed to be present during sampling conducted in 1991; however, the impacts were not confirmed through laboratory analysis. As such, initial site investigation activities were conducted in 2006 and consisted of advancing six soil probes, installing three temporary groundwater monitoring wells and conducting groundwater sampling. The site was reported to the DNR.

Additional investigation was conducted in 2014 to define the extent of contamination and conduct groundwater monitoring. Five groundwater monitoring wells were installed and the results of the groundwater sampling indicate that the petroleum groundwater impacts above standards are located in the immediate area of the former UST cavity.

Based on the field observations and results of the analytical testing, the most significant petroleum soil impacts are located near the former USTs and are defined on the Site. The groundwater PVOC concentrations are anticipated to continue to decrease as a result of RNA. Off-site investigation does not appear to be warranted.

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.

Impacts do not extent beyond source property.

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 present.

B. Soil

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

Soil sampling indicated concentrations of PVOCs and/or naphthalene detected above their RCLs for the protection of groundwater in the area near the former USTs and pump islands that are limited in extent.

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

Low levels of PVOCs and/or naphthalene were detected within the upper four feet of the soil column with a benzene concentration slightly above the RCL for the protection of groundwater at P-5. There were no concentrations present above the RCLs for direct contact risk.

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 Residual Contaminant Levels (RCLs) were established in accordance with s. NR 720.10 that is protective of groundwater quality and in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil in a non-industrial setting. RCLs are the same as those contained in the Department's RCL Spreadsheets.

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.

Groundwater impacts are present in the area of the former UST and extend to the east-southeast of the former cavity. The impacts have been defined on the source property, appear to be stable or decreasing in concentration, and only had contaminants above DNR groundwater standards within the former UST cavity during the last sampling round. No potential impacts to water supply wells or utilities.

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

No free product encountered.

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.

This site does not contain a building, so vapor intrusion is not a concern on the site.

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).

No sampling conducted or considered warranted.

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.

Not applicable. Surface water or sediment is not present at the site.

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

Not applicable. Surface water or sediment is not present at the site.

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.

PVOC and/or naphthalene soil impacts remain at depths greater than four feet in the areas of the former USTs and pump islands. Groundwater monitoring indicates stable or decreasing concentrations, with groundwater standard exceedances only remaining within the former UST cavity. As such, RNA appears to be occurring and concentrations are anticipated to continue decreasing at the Site.

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

No immediate or interim actions were taken at the subject site. Not applicable.

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 active remedial actions were undertaken. Groundwater monitoring indicates RNA will be effective at controlling and eliminating remaining impacts.

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.

Not applicable.

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

Soil sampling indicated concentrations of PVOCs and/or naphthalene detected above their RCLs for the protection of groundwater in the area near the former USTs and pump islands that are limited in extent.

Groundwater impacts are present in the area of the former UST. The impacts have been defined on the source property, appear to be stable or decreasing in concentration, and only had contaminants above DNR groundwater standards within the former UST cavity during the last sampling round.

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.

Low levels of PVOCs and/or naphthalene were detected within the upper four feet of the soil column with a benzene concentration slightly above the RCL for the protection of groundwater at P-5. There were no concentrations present above the RCLs for direct contact risk.

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.

PVOC and/or naphthalene concentrations in the area of the former USTs and pump islands remain above the RCLs for the protection of groundwater. The degree and extent of the soil and groundwater impacts has been defined to the Site, groundwater impacts are stable or decreasing, and groundwater impacts are limited to the former UST cavity.

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.

PVOC and/or naphthalene concentrations in the area of the former USTs and pump islands remain above the RCLs for the protection of groundwater. There are no soil impacts within the top four feet that exceed the RCLs for direct contact risk. The degree and extent of the soil and groundwater impacts has been defined to the Site, groundwater impacts are stable or decreasing, and groundwater impacts are limited to the former UST cavity. The majority of the Site is currently covered by an asphalt parking lot and RNA will be effective at controlling and eliminating remaining impacts. Inclusion on the DNR's soil and groundwater GIS is warranted for closure of the Site.

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).

Monitoring results indicate a stable or decreasing trend within the groundwater plume and only had contaminants above DNR groundwater standards within the former UST cavity during the last sampling round.

J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).

There are no soil concentrations present above RCLs for direct contact risk at the Site. Soil concentrations remain above their RCLs for the protection of groundwater; however, the groundwater analytical results indicate that natural attenuation is occurring and a stable or decreasing trend has been effective at reducing the groundwater contaminant concentrations. The only remaining groundwater quality standard exceedances were present in the former UST cavity during the last round of sampling. Based on limited soil impacts remaining, groundwater impacts limited to the former UST cavity, and no building present on Site, there is no vapor intrusion risk present at the site.

K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.

Not applicable. No system hardware present at the site.

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.

The only remaining groundwater quality standard exceedances were present in the former UST cavity during the last round of sampling. Placement of the site on the groundwater GIS is warranted.

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.

Not applicable. No sampling conducted or considered warranted.

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

Not applicable. Surface water or sediment is not present at the site.

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

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

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

	This situation applies to the following property or Right of Way (ROW):			Case Closure Situation - Continuing Obligation (database fees will apply, ii. - xiv.)	Maintenance Plan Required
	Property Type:				
	Source Property	Affected Property (Off-Source)	ROW		
i.	☐	☒	☒	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)

							Reasons Notification Letter Sent:													
ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	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																				
B																				
C																				
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.

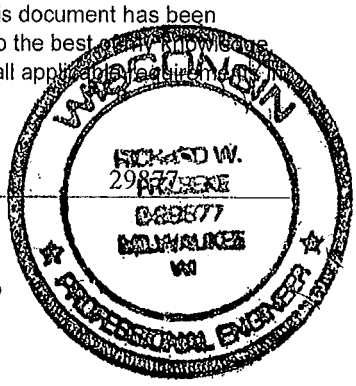
- (●) The investigation and/or response action(s) for this site evaluated and/or addressed groundwater (including natural attenuation remedies). Both a professional engineer and a hydrogeologist must sign this document per Wis. Admin. Code ch. NR 712.
- ( ) The investigation and the response action(s) 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, Richard W. Frieseke, 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 Richard W. Frieseke P. E. # 29877

Title Consultant P.E. Stamp



Hydrogeologist Certification

I, Greg Konicek, 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 Consultant Date 10-8-19

Friess Environmental Consulting, Inc.
Guide to Abbreviations
in Laboratory Data Tables

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ORP = Oxidation-reduction potential
PAL = Preventive Action Limit
PID = Photoionization detector
ppb = parts per billion
ppm = parts per million
TMBs = Trimethylbenzenes (combined 1,2,4- and 1,3,5-trimethylbenzene)
umhos = Micromhos

A.1. Groundwater Analytical Tables
VOC Analytical Results - Groundwater Samples
Former Heinen Property - 10020 West Appleton Avenue
Milwaukee, Wisconsin

Sample Location	Sampling Date	Benzene (ppb)	Ethyl-benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Combined TMBs (ppb)	Total Xylenes (ppb)
P-3/TW-2	8/9/2006	**31.7**	27.5	<1.00	**260**	<4.00	**1,880**	*1,820*
MW-1	7/17/2014	<0.40	<0.39	<0.48	<0.42	<0.39	<0.84	<1.25
	11/13/2014	<0.40	<0.39	<0.48	<0.42	<0.39	<0.84	<1.25
	4/24/2015	<0.40	<0.39	<0.48	<0.42	<0.39	<0.84	<1.25
	8/13/2015	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
	1/15/2016	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
MW-2	7/17/2014	<0.40	<0.39	<0.48	<0.42	<0.39	<0.84	<1.25
	11/13/2014	<0.40	<0.39	<0.48	<0.42	<0.39	<0.84	<1.25
	4/24/2015	<0.40	<0.39	<0.48	<0.42	<0.39	<0.84	<1.25
	8/13/2015	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
	1/15/2016	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
MW-3	7/17/2014	<0.40	<0.39	<0.48	<0.42	<0.39	<0.84	<1.25
	11/13/2014	<0.40	<0.39	<0.48	<0.42	<0.39	<0.84	<1.25
	4/24/2015	<0.40	<0.39	<0.48	<0.42	<0.39	<0.84	<1.25
	8/13/2015	<0.46	<0.73	<0.49	<2.6	0.80J	<1.51	<2.06
	1/15/2016	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
P-4/TW-3	8/9/2006	<1.50	37.9	<1.00	*34.0*	<4.00	**1,341**	60.8
MW-4	7/17/2014	<4.00	21.0	6.30	*50.6*	<3.90	**1,156**	65.1
	11/13/2014	**13.4**	9.40	5.40	*29.2*	5.10	*409*	20.7
	4/24/2015	<0.40	1.10	<4.80	2.70	2.70	11.3	4.20
	8/13/2015	0.96J	<0.73	<0.49	4.3J	0.41J	66.4	2.55J
P-1/TW-1	8/9/2006	**6.50**	*174*	<1.00	**107**	*263*	**535**	*1,114*
MW-5	7/17/2014	**5.10**	*594*	<1.90	**286**	*356*	**1,086**	*2,790*
	11/13/2014	**7.40**	**1,260**	<4.80	**514**	*711*	**2,521**	*6,210*
	4/24/2015	<7.90	**1,020**	<9.70	**405**	*566*	**1,971**	*5,080*
	8/13/2015	7.20J	**990**	<4.90	**440**	*550*	**2,010**	*4,990*
	1/15/2016	8.50J	**970**	<4.90	**370**	*530*	**2,010**	*4,840*
ES (ppb)	-	*5*	*700*	*60*	*100*	*1,000*	*480*	*10,000*
PAL (ppb)	-	*0.5*	*140*	*12*	*10*	*200*	*96*	*1,000*

Notes:
1. Only the detected compounds are presented.
2. Concentrations in ***blue italics*** exceed their respective NR 140 preventive action limits (PALs).
3. Concentrations in **red bold** exceed their respective NR 140 enforcement standards (ESs).

Friess Environmental Consulting, Inc.
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ORP = Oxidation-reduction potential
PAL = Preventive Action Limit
PID = Photoionization detector
ppb = parts per billion
ppm = parts per million
TMBs = Trimethylbenzenes (combined 1,2,4- and 1,3,5-trimethylbenzene)
umhos = Micromhos

A.2. Soil Analytical Results Table
PVOC Analytical Results - Soil Samples
Former Heinen Property - 10020 West Appleton Avenue
Milwaukee, Wisconsin

Sample Location	Sampling Date	PID (iu)	Lead (ppm)	GRO (ppm)	Benzene (ppb)	Ethyl-benzene (ppb)	Methyl tert-butyl ether (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Combined TMBs (ppb)	Total Xylenes (ppb)
P-1: 10-12 FT	8/3/2006	461	<3.052	*2,150*	<5,000	*[53,400]*	<5,000	*[63,700]*	*18,600*	*[331,000]*	*[302,600]*
P-1: 14-16 FT	8/3/2006	7	NA	<5.00	<25.0	96.0	<25.0	NA	<25.0	<50.0	107
P-2: 10-12 FT	8/3/2006	3	NA	<5.00	<25.0	<25.0	<25.0	NA	<25.0	171	151
P-3: 6-8 FT	8/3/2006	578	NA	196	<25.0	*7,800*	<25.0	NA	<25.0	*26,340*	*19,025*
P-3: 10-12 FT	8/3/2006	24	NA	31.9	*139*	113	<25.0	NA	66.0	*6,550*	1,825
B-4: 1-3 FT	4/18/2014	7	NA	NA	<25.0	142	<25.0	67.0	<25.0	140	106
P-4: 10-12 FT	8/3/2006	>1,000	<5.873	*268*	<25.0	<25.0	<25.0	NA	<25.0	*11,480*	770
P-4: 14-16 FT	8/3/2006	79	NA	<5.00	<25.0	<25.0	<25.0	NA	<25.0	99.0	113
P-5: 2-4 FT	8/3/2006	26	NA	5.42	*82.0*	<25.0	<25.0	NA	<25.0	131	236
B-3: 11-13 FT	4/18/2014	<1	NA	NA	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0
P-6: 4-6 FT	8/3/2006	3	NA	<5.00	<25.0	<25.0	<25.0	NA	<25.0	<50.0	<50.0
B-2: 11-13 FT	4/18/2014	<1	NA	NA	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0
B-1: 9-11 FT	4/18/2014	<1	NA	NA	<25.0	<25.0	<25.0	<25.0	<25.0	<50.0	<75.0
NR 720 Groundwater RCL		-	*27*	*250*	*5.1*	*1,570*	*27*	*659*	*1,107*	*1,379*	*3,940*
NR 720 Non-Industrial DC RCL		-	*400*	-	*1,490*	*7,470*	*59,400*	*5,150*	*818,000*	*90K/182K*	*258,000*
NR 720 Industrial DC RCL		-	*800*	-	*7,410*	*37,000*	*293,000*	*26,000*	*818,000*	*219K/182K*	*258,000*

Note: Only the detected compounds are presented.
Note: NR 720 values are calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890.
Note: Concentrations that exceed their respective RCLs for the protection of groundwater are in *blue italics* .
Note: Concentrations that exceed their respective non-industrial RCLs for direct contact are underlined.
Note: Concentrations that exceed their respective industrial RCLs for direct contact are in [brackets].

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umhos = Micromhos

A.3. Residual Soil Contamination Table
PVOC Analytical Results - Soil Samples
Former Heinen Property - 10020 West Appleton Avenue
Milwaukee, Wisconsin

Sample Location	Sampling Date	PID (iu)	Lead (ppm)	GRO (ppm)	Benzene (ppb)	Ethyl-benzene (ppb)	Methyl tert-butyl ether (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Combined TMBs (ppb)	Total Xylenes (ppb)
P-1: 10-12 FT	8/3/2006	461	<3.052	*2,150*	<5,000	*[53,400]*	<5,000	*[63,700]*	*18,600*	*[331,000]*	*[302,600]*
P-3: 6-8 FT	8/3/2006	578	NA	196	<25.0	*7,800*	<25.0	NA	<25.0	*26,340*	*19,025*
P-3: 10-12 FT	8/3/2006	24	NA	31.9	*139*	113	<25.0	NA	66.0	*6,550*	1,825
P-4: 10-12 FT	8/3/2006	>1,000	<5.873	*268*	<25.0	<25.0	<25.0	NA	<25.0	*11,480*	770
P-5: 2-4 FT	8/3/2006	26	NA	5.42	*82.0*	<25.0	<25.0	NA	<25.0	131	236
NR 720 Groundwater RCL		-	*27*	*250*	*5.1*	*1,570*	*27*	*659*	*1,107*	*1,379*	*3,940*
NR 720 Non-Industrial DC RCL		-	*400*	-	*1,490*	*7,470*	*59,400*	*5,150*	*818,000*	*90K/182K*	*258,000*
NR 720 Industrial DC RCL		-	*800*	-	*7,410*	*37,000*	*293,000*	*26,000*	*818,000*	*219K/182K*	*258,000*

Note: Only the detected compounds are presented.
Note: NR 720 values are calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890.
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Note: Concentrations that exceed their respective industrial RCLs for direct contact are in [brackets].

A. Data Tables
A.4. Vapor Analytical Table

Not applicable due to the fact that there is no building on site.

A. Data Tables

A.5. Other Media of Concern

Not applicable. No surface water or sediment present at the site.

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umhos = Micromhos

A.6. Water Level Elevations
Groundwater Elevation Measurements
Former Heinen Property
10020 West Appleton Avenue
Milwaukee, Wisconsin

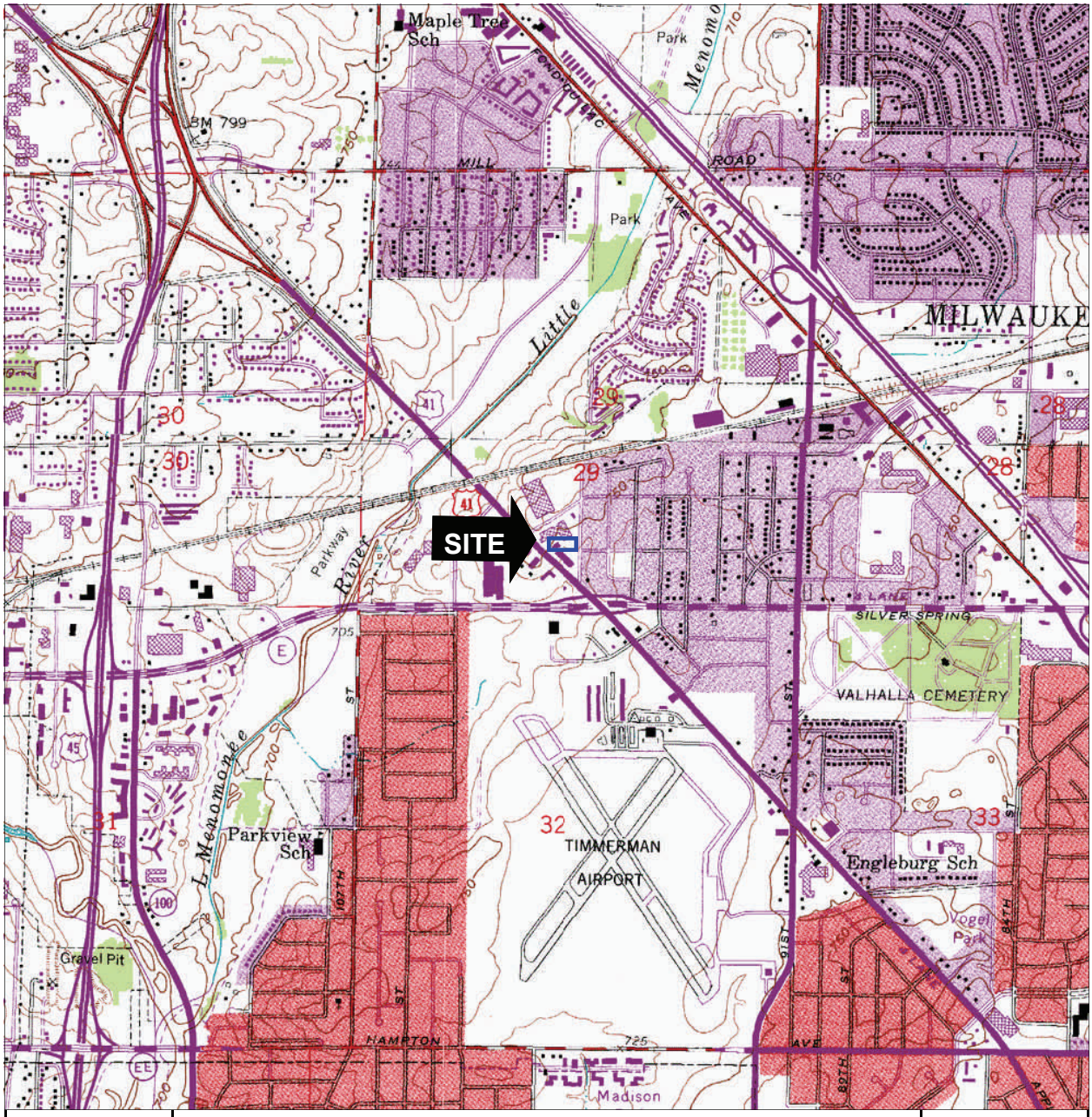
Well Number	Date	*Total Well Depth	Ground Surface Elevation	Top of Casing Elevation	*Depth to Water Below Casing	Groundwater Elevation
P-1/TW-1	8/9/06	9.00	99.50	100.00	1.20	**98.80**
P-3/TW-2	8/9/06	15.00	99.00	99.46	5.48	**93.98**
P-4/TW-3	8/9/06	15.00	98.75	99.29	5.80	**93.49**
MW-1	7/17/14	12.85	100.03	99.25	10.73	**88.52**
	11/13/14				7.70	**91.55**
	4/24/15				6.55	**92.70**
	8/13/15				6.02	**93.23**
	1/15/16				2.89	**96.36**
MW-2	7/17/14	12.85	99.89	99.57	4.84	**94.73**
	11/13/14				5.63	**93.94**
	4/24/15				5.24	**94.33**
	8/13/15				4.75	**94.82**
	1/15/16				4.01	**95.56**
MW-3	7/17/14	12.81	99.43	98.86	2.40	**96.46**
	11/13/14				3.26	**95.60**
	4/24/15				3.44	**95.42**
	8/13/15				3.21	**95.65**
	1/15/16				2.22	**96.64**
MW-4	7/17/14	12.85	100.15	99.76	4.56	**95.01**
	11/13/14				5.48	**94.09**
	4/24/15				2.92	**96.65**
	8/13/15				2.55	**97.21**
MW-5	7/17/14	13.02	100.58	100.00	1.26	**97.60**
	11/13/14				0.82	**98.04**
	4/24/15				0.72	**98.14**
	8/13/15				0.64	**99.36**
	1/15/16				0.60	**99.49**

Notes:
1. *Measured from the north rim of the top of well casing.
2. All measurements are presented in feet.
3. Elevations are referenced to a benchmark assigned an arbitrary elevation of 100.00 feet.

A. Data Tables

A.7. Other

Not applicable. No other data collected and natural attenuation is demonstrated through decreasing contaminant trends.

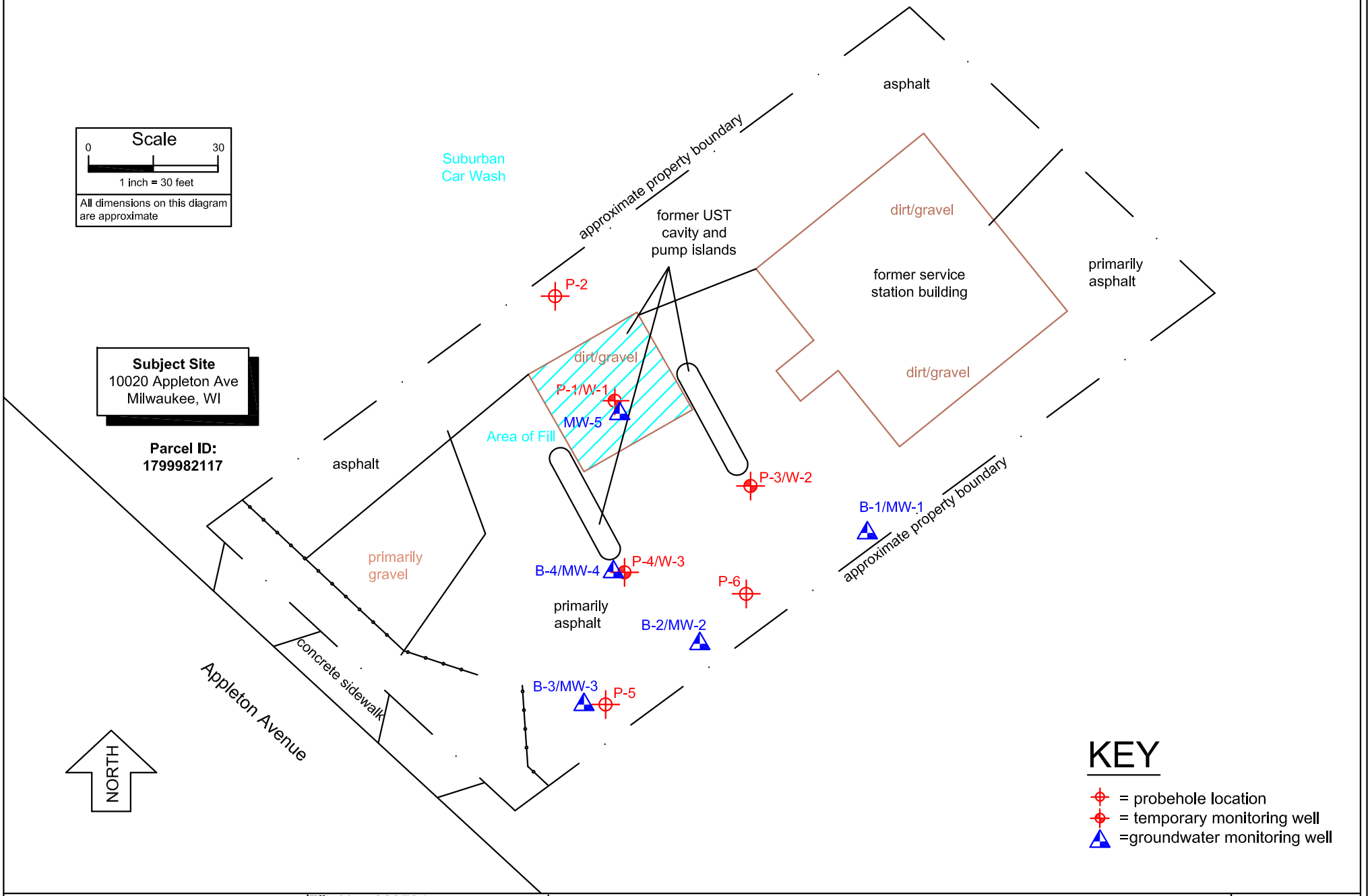


Approximate Scale 1" = 2,000'	United States Geological Survey Topographic Map Wauwatosa Quadrangle SE 1/4 of the SW 1/4 of Section 29, Township 8 North, Range 21 East	NORTH

FRIESS ENVIRONMENTAL CONSULTING, INC.

B.1.a. Location Map
10020 West Appleton Avenue
Milwaukee, Wisconsin

Figure
B.1.a.



FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701c DWG Date: 8-8-14 Rev Date: 1-28-20 Drawn By: TJO Checked By (PM): TJO	**B.1.b. Detailed Site Map** 10020 Appleton Avenue Milwaukee, Wisconsin

Figure

B.1.b.

B.1.c. RR Site Map

Legend

- Open Site (ongoing cleanup)
- Open Site Boundary
- Closed Site (completed cleanup)
- Closed Site Boundary
- Groundwater Contamination
- Soil Contamination
- Groundwater and Soil Contamination
- Contamination From Another Property
- Dryclean Environmental Response Fund (DERF)
- Green Space Grant (2004-2009)
- Ready for Reuse
- Site Assessment Grant (2001-2009)
- State Funded Response
- Sustainable Urban Development Zone (S
- General Liability Clarification Letters
- Superfund NPL
- Voluntary Party Liability Exemption
- Rivers and Streams
- Open Water
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway

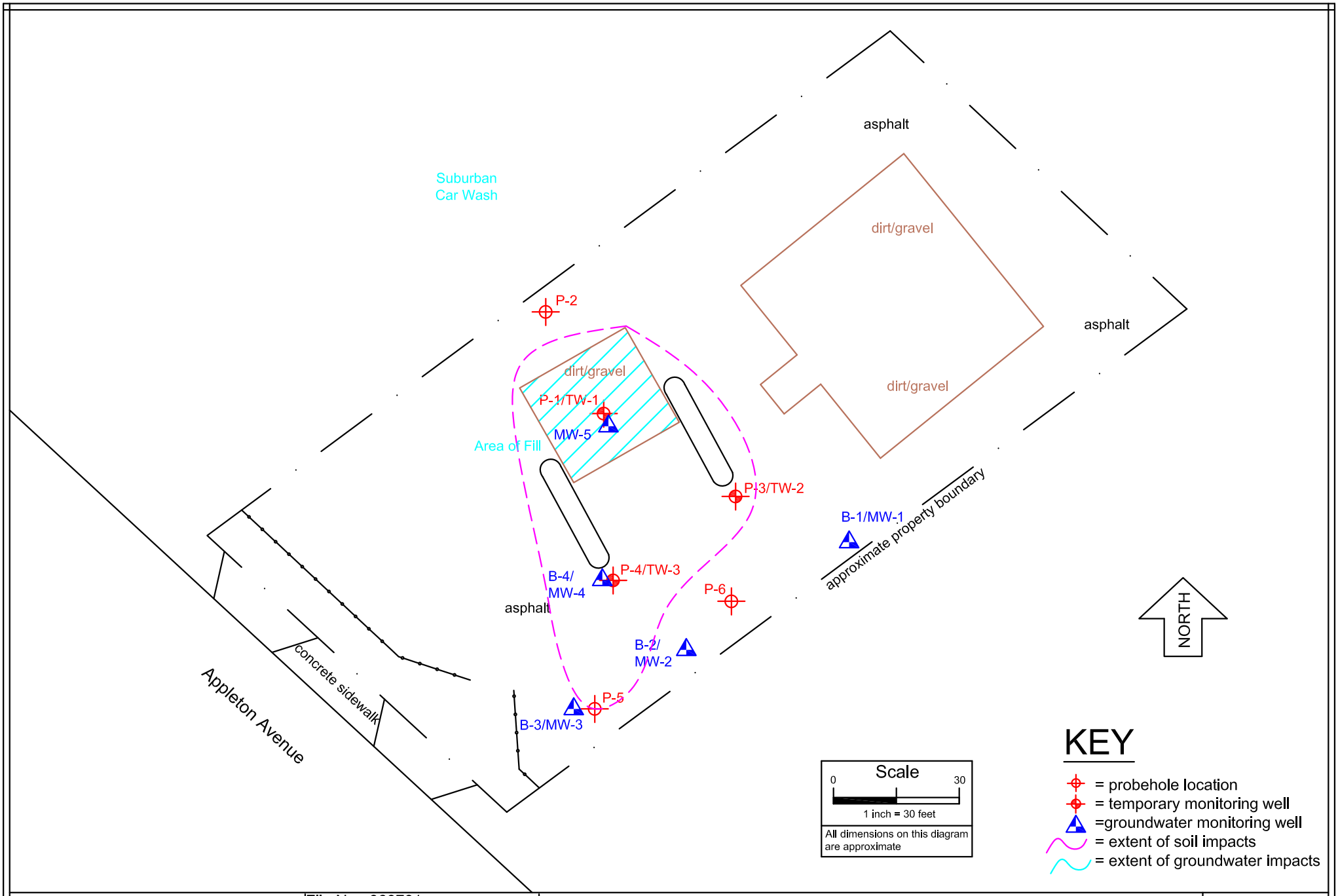
0.1 0 0.06 0.1 Miles

NAD_1983_HARN_Wisconsin_TM

1: 3,960

Note: Not all sites are mapped.

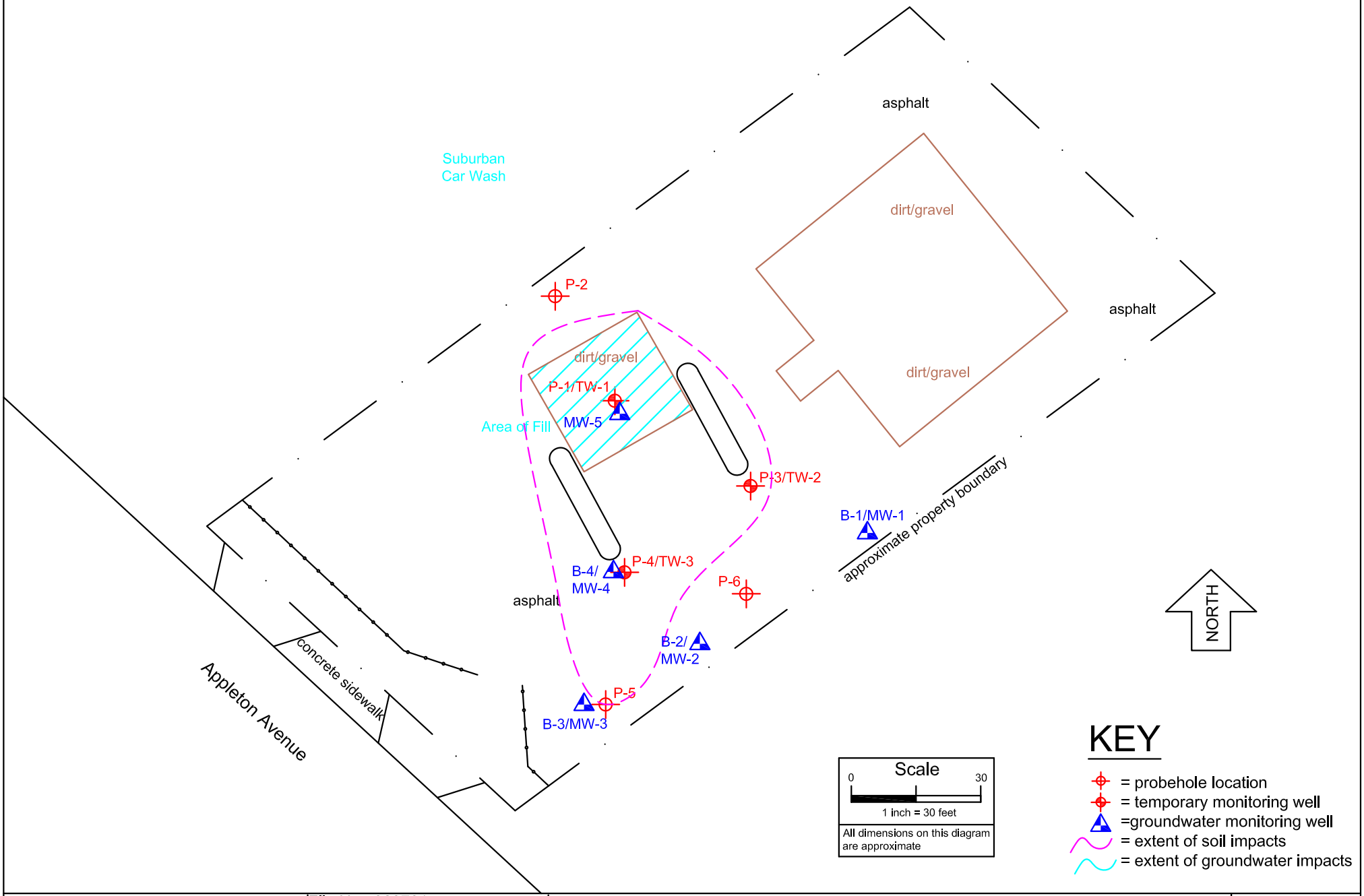
Notes



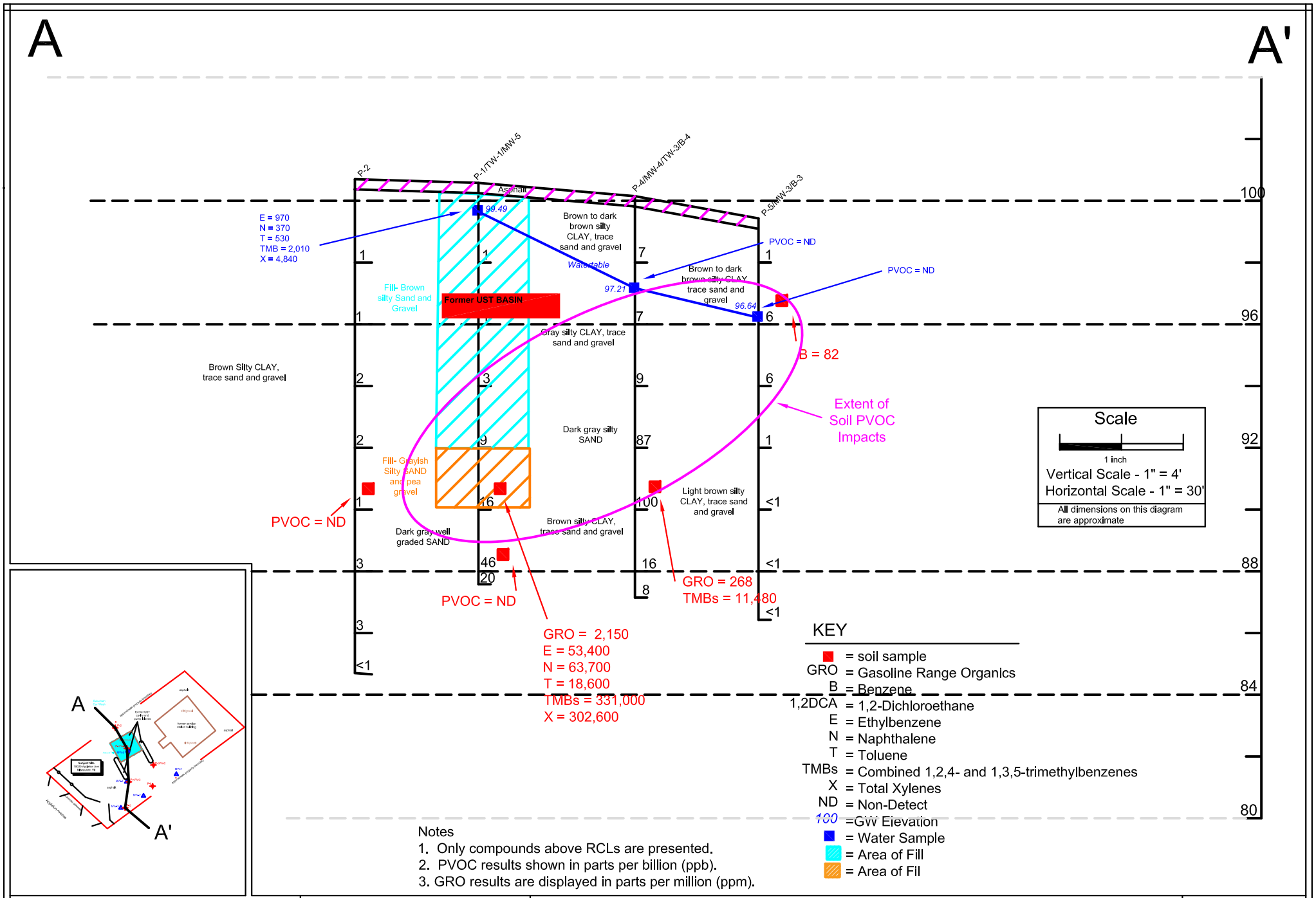
FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701e DWG Date: 8-8-14 Rev Date: 7-20-16 Drawn By: TJO Checked By (PM): TJO	**B.2.a. Soil Contamination** 10020 Appleton Avenue Milwaukee, Wisconsin

Figure

B.2.a.



FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701e DWG Date: 8-8-14 Rev Date: 7-20-16 Drawn By: TJO Checked By (PM): TJO	**B.2.b. Residual Soil Contamination** 10020 Appleton Avenue Milwaukee, Wisconsin	Figure B.2.b.



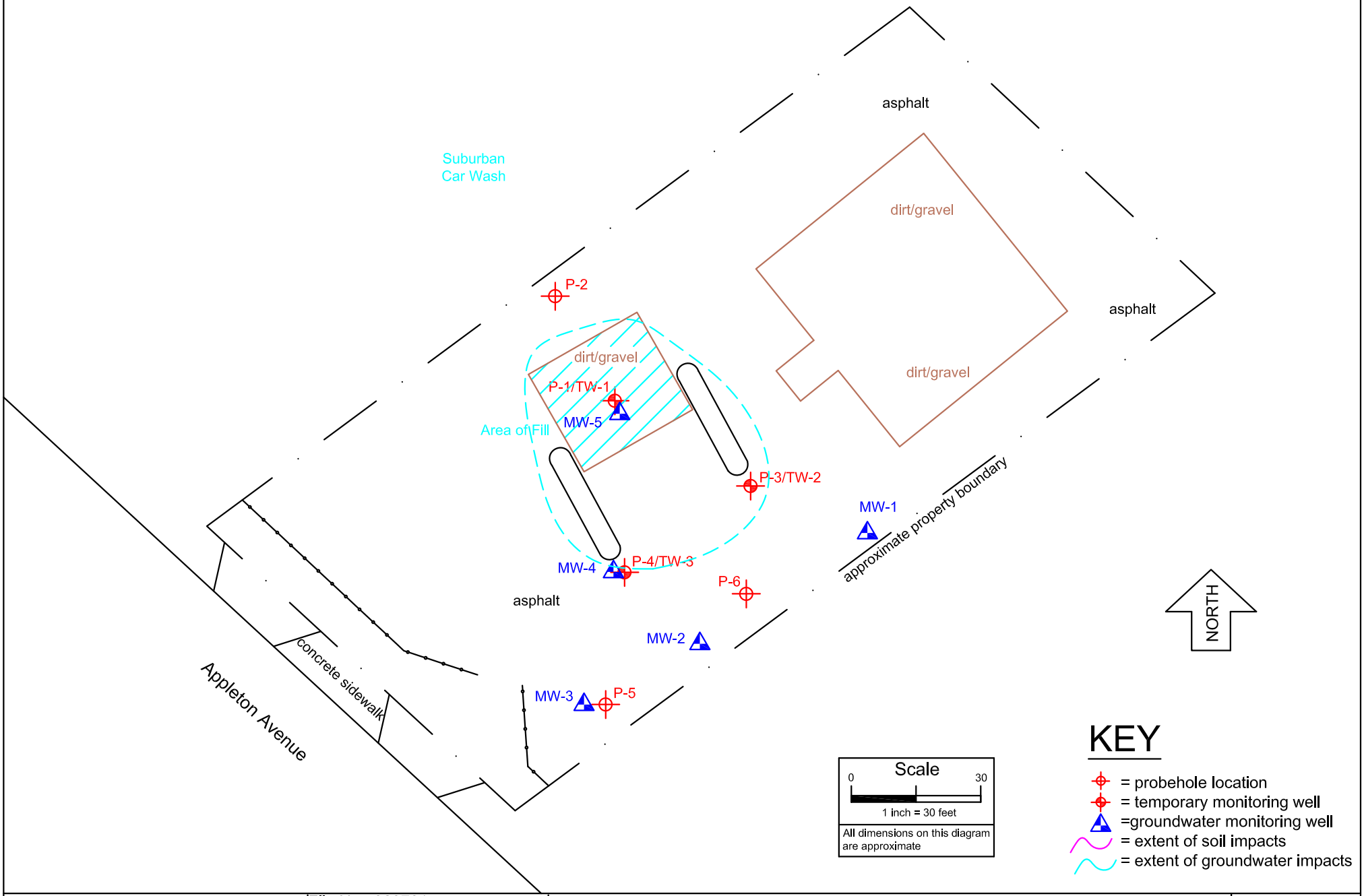
Notes
1. Only compounds above RCLs are presented.
2. PVOC results shown in parts per billion (ppb).
3. GRO results are displayed in parts per million (ppm).

FRIESS ENVIRONMENTAL CONSULTING, INC.

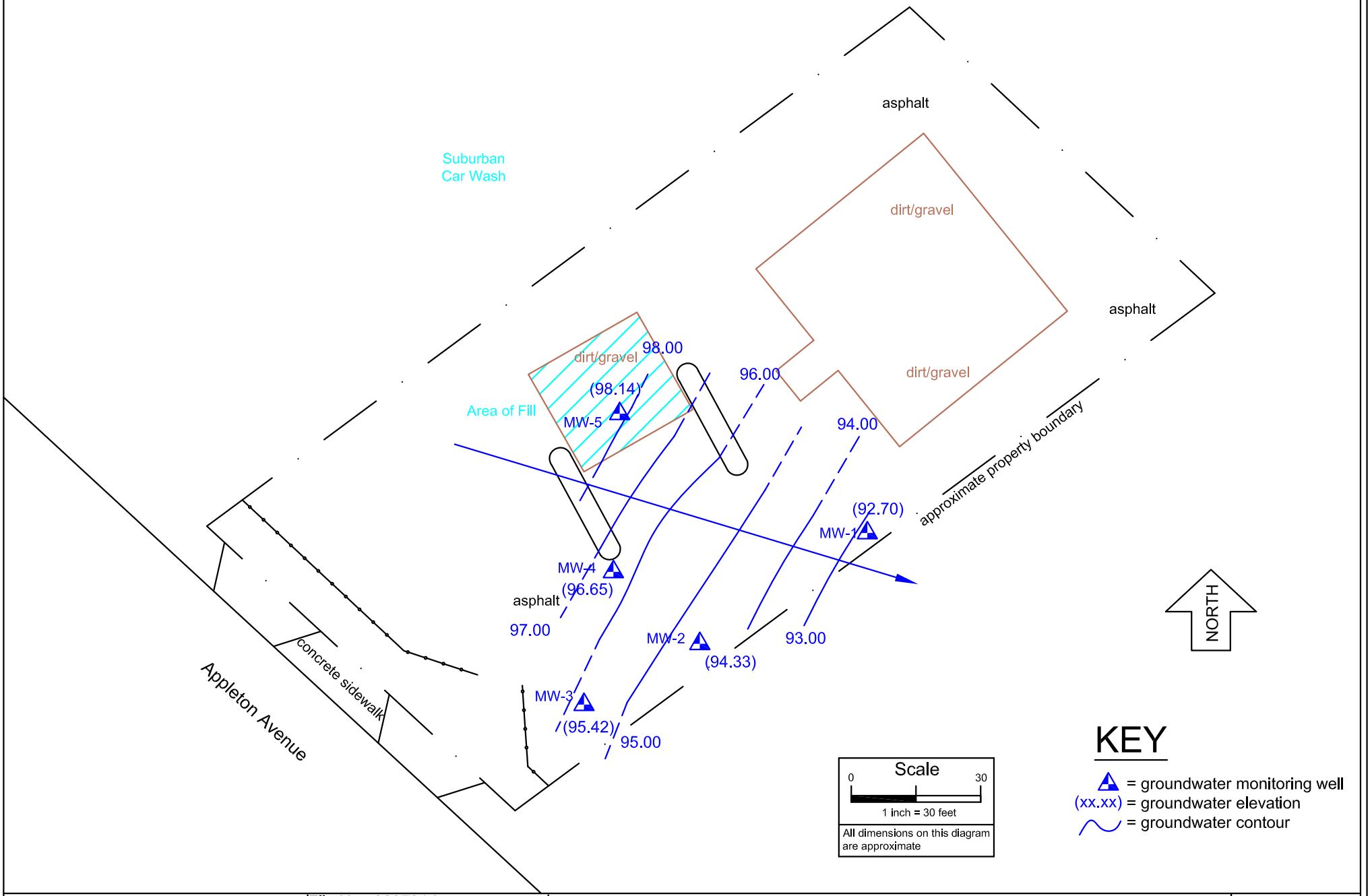
File No.:	060701 B.3.a
DWG Date:	6-28-16
Rev Date:	1-28-20
Drawn By:	TJO
Checked By (PM):	TJO

B.3.a. Geologic Cross-Section Diagram (A-A')
10200 W Appleton Ave
Milwaukee, Wisconsin

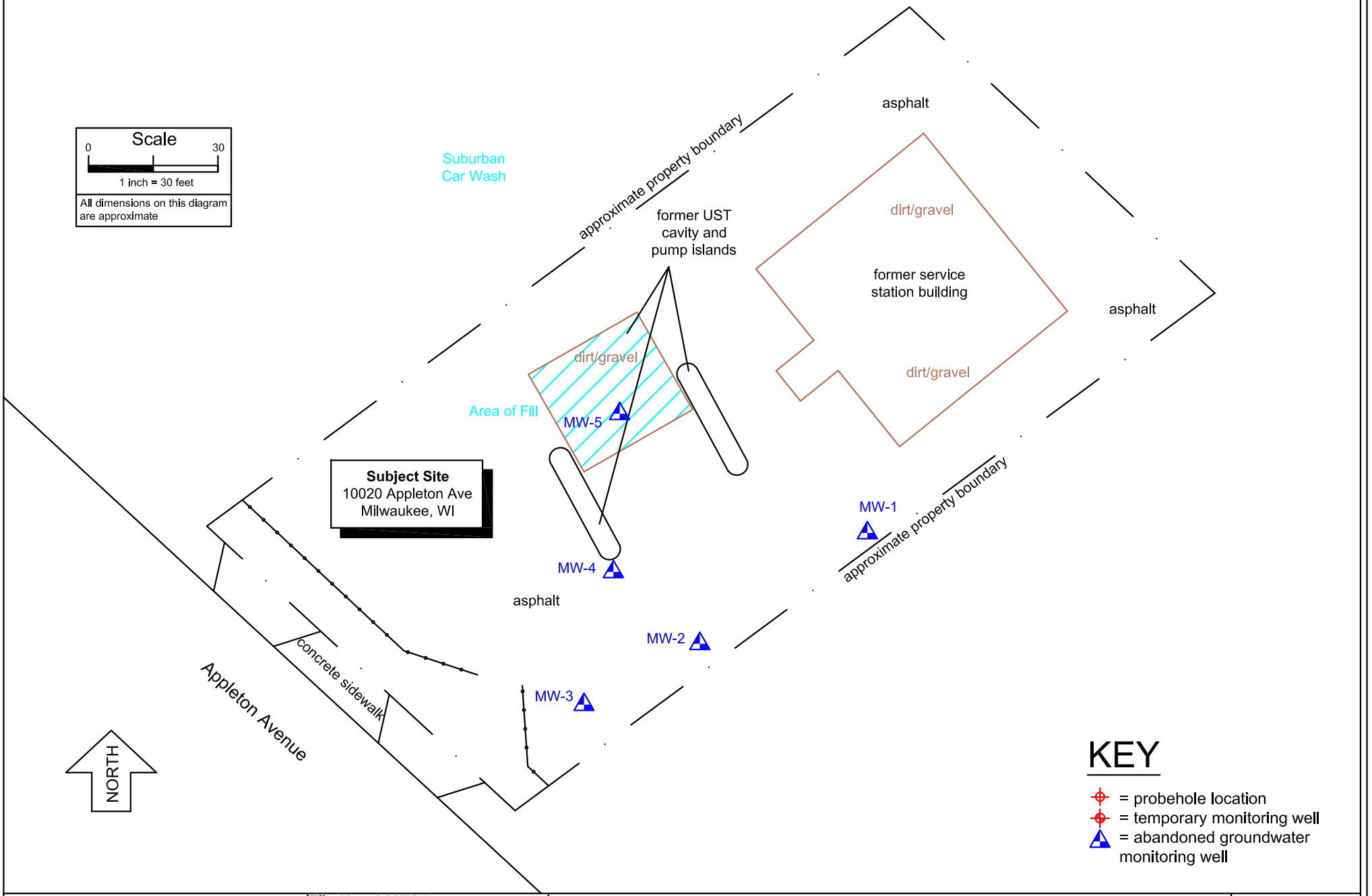
Figure
B.3.a.



FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701e DWG Date: 8-8-14 Rev Date: 7-20-16 Drawn By: TJO Checked By (PM): TJO	**B.3.b. Groundwater Isoconcentration** 10020 Appleton Avenue Milwaukee, Wisconsin	Figure B.3.b.



FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701d DWG Date: 8-8-14 Rev Date: Drawn By: TJO Checked By (PM): TJO	**B.3.c. Groundwater Flow Direction (April 2015)** 10020 Appleton Avenue Milwaukee, Wisconsin	Figure B.3.c.



FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701c DWG Date: 8-8-14 Rev Date: 3-20-20 Drawn By: TJO Checked By (PM): BRF	**B.3.d. Monitoring Wells** 10020 Appleton Avenue Milwaukee, Wisconsin

Figure

B.3.d.

B.4. Vapor Maps and Other Media

B.4.a. Vapor Intrusion Map

Not applicable. There is no building on site, so vapor intrusion is not a concern on this site.

B.4. Vapor Maps and Other Media

B.4.b. Other Media of Concern

Not applicable. No surface water or sediment present at the site.

B.4. Vapor Maps and Other Media

B.4.c. Other

Not applicable.

B.5. Structural Impediment Photos

Not applicable. No structural impediment present at the site.

C.1. Site Investigation Documentation Abandonment

Abandonment forms for probes previously submitted in SI report. All remaining wells will be abandoned upon closure.

FRIESS ENVIRONMENTAL CONSULTING, INC.

Boring Number: **B-1**

Facility/Project Name: 10020 W. Appleton Avenue Property	EDS Project Number: 060701
Boring Drilled By: Giles Engineering Associates, Inc.	Date Drilling Started: 4-18-14
Date Drilling Completed: 4-18-14	Drilling Method: HSA
WI Unique Well No.:	SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 E/W
Location Description: NE side of property	
Facility ID: 241577820	County: Milwaukee
County Code: 41	Town/City/or Village: Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	4-inches of asphalt and base coarse.		<1
2	24	NM	NM	4	Brown to dark brown silty CLAY, trace sand and gravel, moist, little odor.	ML/CL	<1
3	18	NM	NM	6			<1
4	24	NM	NM	8			<1
5	18	NM	NM	10	Light brown silty CLAY, trace sand and gravel, mottled, moist, no odor.	ML/CL	*<1
6	24	NM	NM	12			<1
7	18	NM	NM	14			<1
				16	End of boring at 13 feet below ground surface.		
				18	Groundwater monitoring well MW-1 installed.		
				20	* indicates sample submitted for laboratory analysis.		
				22			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Timothy J. Ott

Firm: Friess Environmental Consulting, Inc.

FRIESS ENVIRONMENTAL CONSULTING, INC.

Boring Number: **B-2**

Facility/Project Name:	EDS Project Number:
10020 W. Appleton Avenue Property	060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	4-18-14	4-18-14	HSA

WI Unique Well No.:		Location Description:
___ ___ ___ ___ ___	SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W	E side of property

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	4-inches of asphalt and base coarse.		<1
2	24	NM	NM	4	Brown to dark brown silty CLAY, trace sand and gravel, moist, little odor.	ML/CL	<1
3	18	NM	NM	6			<1
4	24	NM	NM	8			<1
5	18	NM	NM	10	Light brown silty CLAY, trace sand and gravel, mottled, moist, no odor.	ML/CL	<1
6	24	NM	NM	12			<1
7	18	NM	NM	14			*<1
				16	End of boring at 13 feet below ground surface.		
				18	Groundwater monitoring well MW-2 installed.		
				20	* indicates sample submitted for laboratory analysis.		
				22			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Timothy J. Ott	Friess Environmental Consulting, Inc.

FRIESS ENVIRONMENTAL CONSULTING, INC.

Boring Number: **B-3**

Facility/Project Name: 10020 W. Appleton Avenue Property

EDS Project Number: 060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	4-18-14	4-18-14	HSA

WI Unique Well No.: ___ ___ ___ ___ ___

SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W

Location Description: SE corner of property

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	4-inches of asphalt and base coarse.		1
2	24	NM	NM	4	Brown to dark brown silty CLAY, trace sand and gravel, moist, little odor.	ML/CL	6
3	18	NM	NM	6			6
4	24	NM	NM	8			1
5	18	NM	NM	10	Light brown silty CLAY, trace sand and gravel, mottled, moist, no odor.	ML/CL	<1
6	24	NM	NM	12			<1
7	18	NM	NM	14			*<1
				16	End of probehole at 13 feet below ground surface.		
				18	Groundwater monitoring well MW-3 installed.		
				20	* indicates sample submitted for laboratory analysis.		
				22			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Matthew J. Ott

Firm: Friess Environmental Consulting, Inc.

FRIESS ENVIRONMENTAL CONSULTING, INC.

Boring Number: **B-4**

Facility/Project Name: 10020 W. Appleton Avenue Property

EDS Project Number: 060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	4-18-14	4-18-14	HSA

WI Unique Well No.: ___ ___ ___ ___ ___

SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W

Location Description: East of former south pump island

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	4-inches of asphalt and base coarse. Brown to dark brown silty CLAY, trace sand and gravel, moist, slight weathered gasoline odor.	ML/CL	7
2	24	NM	NM	4			*7
3	18	NM	NM	6	Gray silty CLAY, trace sand and gravel, moist to wet, slight weathered gasoline odor.	ML/CL	9
4	24	NM	NM	8			87
					Dark gray silty SAND, damp to wet, weathered gasoline odor.	SM	
5	18	NM	NM	10	Brown silty CLAY, trace sand and gravel, mottled, moist, odor lessening with depth.	ML/CL	100
6	24	NM	NM	12			16
7	18	NM	NM	14			8
				16	End of boring at 13 feet below ground surface. Groundwater monitoring well MW-4 installed. * indicates sample submitted for laboratory analysis.		
				18			
				20			
				22			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Matthew J. Ott

Firm: Friess Environmental Consulting, Inc.

FRIESS ENVIRONMENTAL CONSULTING, INC.

Boring Number: **B-5**

Facility/Project Name: 10020 W. Appleton Avenue Property

EDS Project Number: 060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	4-18-14	4-18-14	HSA

WI Unique Well No.: ___ ___ ___ ___ ___

SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W

Location Description: Former UST cavity

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	Fill - Brown silty SAND and GRAVEL, damp to wet, no odor.	GP	1
2	24	NM	NM	4			1
3	18	NM	NM	6			3
4	24	NM	NM	8			9
5	18	NM	NM	10	Fill - Grayish silty SAND and PEA GRAVEL, wet, weathered gasoline odor.	GP	16
6	24	NM	NM	12	Dark gray well graded SAND, wet, weathered gasoline odor.	SW	46
7	18	NM	NM	14	End of boring at 13 feet below ground surface.		20
				16	groundwater monitoring well MW-5 installed.		
				18	* indicates sample submitted for laboratory analysis.		
				20			
				22			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Matthew J. Ott

Firm: Friess Environmental Consulting, Inc.

environmental & development solutions

Boring Number: P-1

Facility/Project Name: 10020 W. Appleton Avenue Property

EDS Project Number: 060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	8-3-06	8-3-06	soil probe

WI Unique Well No.: ___ ___ ___ ___ ___

SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W

Location Description: Former UST cavity

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	Fill - Brown silty SAND and GRAVEL, damp to wet, no odor.	GP	1
2	24	NM	NM	4			1
3	18	NM	NM	6			3
4	24	NM	NM	8			9
5	18	NM	NM	10	Fill - Grayish silty SAND and PEA GRAVEL, wet, weathered gasoline odor.	GP	16
6	24	NM	NM	12	Dark gray well graded SAND, wet, weathered gasoline odor.	SW	*461
7	18	NM	NM	14	Brown silty CLAY, trace sand and gravel, moist, odor lessening with depth.	CL	20
8	24	NM	NM	16			*7
				18	End of probehole at 16 feet below ground surface.		
				20	temporary monitoring well W-1 installed in this probehole.		
				22	* indicates sample submitted for laboratory analysis.		

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Timothy J. Ott

Firm: Environmental & Development Solutions, Inc.

environmental & development solutions

Boring Number: P-2

Facility/Project Name: 10020 W. Appleton Avenue Property

EDS Project Number: 060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	8-3-06	8-3-06	soil probe

WI Unique Well No.: ___ ___ ___ ___ ___

SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W

Location Description: West of former UST cavity

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	4-inches of asphalt and base coarse.		1
2	24	NM	NM	4			1
3	18	NM	NM	6			2
4	24	NM	NM	8	Brown silty CLAY, trace sand and gravel, mottled, moist, no odor.	ML/CL	2
5	18	NM	NM	10	Becoming stiff at approximately 8 feet below grade.		1
6	24	NM	NM	12			*3
7	18	NM	NM	14			3
8	24	NM	NM	16			*<1
				18	End of probehole at 16 feet below ground surface.		
				20	* indicates sample submitted for laboratory analysis.		
				22			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Timothy J. Ott

Firm: Environmental & Development Solutions, Inc.

environmental & development solutions

Boring Number: P-3

Facility/Project Name: 10020 W. Appleton Avenue Property

EDS Project Number: 060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	8-3-06	8-3-06	soil probe

WI Unique Well No.: ___ ___ ___ ___ ___

SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W

Location Description: East of former north pump island

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	4-inches of asphalt and base coarse.		451
2	24	NM	NM	4	Light gray silty CLAY, with some sand and gravel, moist, weathered gasoline odor.	ML/CL	195
3	18	NM	NM	6	Brown silty CLAY, trace sand and gravel, mottled, moist, weathered gasoline odor.	ML/CL	395
4	24	NM	NM	8	Brown sandy SILT, damp to wet, soft, weathered gasoline odor.	ML	*578
5	18	NM	NM	10			35
6	24	NM	NM	12	Brown silty CLAY, trace sand and gravel, mottled, moist, odor lessening with depth.	ML/CL	*24
7	2	NM	NM	14	No recovery from depth.		NR
8	2	NM	NM	16			NR
				18	End of probehole at 16 feet below ground surface.		
				20	temporary monitoring well W-2 installed in this probehole.		
				22	* indicates sample submitted for laboratory analysis.		

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Timothy J. Ott

Firm: Environmental & Development Solutions, Inc.

environmental & development solutions

Boring Number: P-4

Facility/Project Name: 10020 W. Appleton Avenue Property

EDS Project Number: 060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	8-3-06	8-3-06	soil probe

WI Unique Well No.: ___ ___ ___ ___ ___

SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W

Location Description: East of former south pump island

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	4-inches of asphalt and base coarse.		47
2	24	NM	NM	4	Brown to dark brown silty CLAY, trace sand and gravel, moist, slight weathered gasoline odor.	ML/CL	49
3	18	NM	NM	6			16
4	24	NM	NM	8	Gray silty CLAY, trace sand and gravel, moist to wet, slight weathered gasoline odor.	ML/CL	9
5	18	NM	NM	10			87
6	24	NM	NM	12			*<1,000
					Dark gray silty SAND, damp to wet, strong weathered gasoline odor.	SM	
7	18	NM	NM	14			80
8	24	NM	NM	16	Brown silty CLAY, trace sand and gravel, mottled, moist, odor lessening with depth.	ML/CL	*79
				18	End of probehole at 16 feet below ground surface.		
				20	temporary monitoring well W-3 installed in this probehole.		
				22	* indicates sample submitted for laboratory analysis.		

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Timothy J. Ott

Firm: Environmental & Development Solutions, Inc.

environmental & development solutions

Boring Number: P-5

Facility/Project Name: 10020 W. Appleton Avenue Property

EDS Project Number: 060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	8-3-06	8-3-06	soil probe

WI Unique Well No.: ___ ___ ___ ___ ___

SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W

Location Description: SE corner of property

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	4-inches of asphalt and base coarse.		1
2	24	NM	NM	4	Brown to dark brown silty CLAY, trace sand and gravel, moist, little odor.	ML/CL	*26
3	18	NM	NM	6			6
4	24	NM	NM	8			1
5	18	NM	NM	10	Light brown silty CLAY, trace sand and gravel, mottled, moist, no odor.	ML/CL	<1
6	24	NM	NM	12			*<1
7	18	NM	NM	14			<1
8	24	NM	NM	16			<1
				18	End of probehole at 16 feet below ground surface.		
				20	* indicates sample submitted for laboratory analysis.		
				22			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Timothy J. Ott

Firm: Environmental & Development Solutions, Inc.

environmental & development solutions

Boring Number: P-6

Facility/Project Name: 10020 W. Appleton Avenue Property

EDS Project Number: 060701

Boring Drilled By:	Date Drilling Started:	Date Drilling Completed:	Drilling Method:
Giles Engineering Associates, Inc.	8-3-06	8-3-06	soil probe

WI Unique Well No.: ___ ___ ___ ___ ___

SE 1/4 of SW 1/4 of Section 29 T 8 N. R 21 (E)W

Location Description: E side of property

Facility ID:	County:	County Code:	Town/City/or Village:
241577820	Milwaukee	41	Milwaukee

Sample No.	Length Recovered	Blow Counts (N)	Compressive Strength (QP)	Depth in ft bgs	Soil/rock description	USCS Classification	PID Reading
1	18	NM	NM	2	4-inches of asphalt and base coarse.		3
2	24	NM	NM	4	Brown to dark brown silty CLAY, trace sand and gravel, moist, little odor.	ML/CL	3
3	18	NM	NM	6			*3
4	24	NM	NM	8			<1
5	18	NM	NM	10			<1
6	24	NM	NM	12	Light brown silty CLAY, trace sand and gravel, mottled, moist, no odor.	ML/CL	*<1
7	18	NM	NM	14			<1
8	24	NM	NM	16			<1
				18	End of probehole at 16 feet below ground surface.		
				20	* indicates sample submitted for laboratory analysis.		
				22			

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Timothy J. Ott

Firm: Environmental & Development Solutions, Inc.

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

November 19, 2014

TRENT OTT
Friess Environmental Consulting, Inc
6637 NORTH SIDNEY PLACE
Milwaukee, WI 53209

RE: Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

Dear TRENT OTT:
Enclosed are the analytical results for sample(s) received by the laboratory on November 14, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40107128001	**MW-1**	Water	11/13/14 10:45	11/14/14 14:30
40107128002	**MW-2**	Water	11/13/14 10:55	11/14/14 14:30
40107128003	**MW-3**	Water	11/13/14 11:05	11/14/14 14:30
40107128004	**MW-4**	Water	11/13/14 11:15	11/14/14 14:30
40107128005	**MW-5**	Water	11/13/14 11:25	11/14/14 14:30

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40107128001	**MW-1**	WI MOD GRO	PMS	10	PASI-G
40107128002	**MW-2**	WI MOD GRO	PMS	10	PASI-G
40107128003	**MW-3**	WI MOD GRO	PMS	10	PASI-G
40107128004	**MW-4**	WI MOD GRO	PMS	10	PASI-G
40107128005	**MW-5**	WI MOD GRO	PMS	10	PASI-G

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

Sample: MW-1 **Lab ID: 40107128001** Collected: 11/13/14 10:45 Received: 11/14/14 14:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/17/14 11:44	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/17/14 11:44	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/17/14 11:44	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/17/14 11:44	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/17/14 11:44	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/17/14 11:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/17/14 11:44	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/17/14 11:44	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/17/14 11:44	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		11/17/14 11:44	98-08-8	

Sample: MW-2 **Lab ID: 40107128002** Collected: 11/13/14 10:55 Received: 11/14/14 14:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/17/14 12:10	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/17/14 12:10	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/17/14 12:10	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/17/14 12:10	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/17/14 12:10	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/17/14 12:10	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/17/14 12:10	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/17/14 12:10	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/17/14 12:10	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		11/17/14 12:10	98-08-8	

Sample: MW-3 **Lab ID: 40107128003** Collected: 11/13/14 11:05 Received: 11/14/14 14:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/17/14 12:36	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/17/14 12:36	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/17/14 12:36	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/17/14 12:36	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/17/14 12:36	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/17/14 12:36	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/17/14 12:36	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/17/14 12:36	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/17/14 12:36	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

Sample: MW-3 **Lab ID: 40107128003** Collected: 11/13/14 11:05 Received: 11/14/14 14:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		11/17/14 12:36	98-08-8	

Sample: MW-4 **Lab ID: 40107128004** Collected: 11/13/14 11:15 Received: 11/14/14 14:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**13.4**	ug/L	5.0	2.0	5		11/18/14 20:41	71-43-2	
Ethylbenzene	**9.4**	ug/L	5.0	2.0	5		11/18/14 20:41	100-41-4	
Methyl-tert-butyl ether	**5.4**	ug/L	5.0	2.4	5		11/18/14 20:41	1634-04-4	
Naphthalene	**29.2**	ug/L	5.0	2.1	5		11/18/14 20:41	91-20-3	
Toluene	**5.1**	ug/L	5.0	1.9	5		11/18/14 20:41	108-88-3	
1,2,4-Trimethylbenzene	**352**	ug/L	5.0	2.1	5		11/18/14 20:41	95-63-6	
1,3,5-Trimethylbenzene	**57.1**	ug/L	5.0	2.1	5		11/18/14 20:41	108-67-8	
m&p-Xylene	**18.5**	ug/L	10.0	4.0	5		11/18/14 20:41	179601-23-1	
o-Xylene	**<2.2**	ug/L	5.0	2.2	5		11/18/14 20:41	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	116	%	80-120		5		11/18/14 20:41	98-08-8	

Sample: MW-5 **Lab ID: 40107128005** Collected: 11/13/14 11:25 Received: 11/14/14 14:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**7.4J**	ug/L	10.0	4.0	10		11/17/14 16:55	71-43-2	
Ethylbenzene	**1260**	ug/L	10.0	3.9	10		11/17/14 16:55	100-41-4	
Methyl-tert-butyl ether	**<4.8**	ug/L	10.0	4.8	10		11/17/14 16:55	1634-04-4	
Naphthalene	**514**	ug/L	10.0	4.2	10		11/17/14 16:55	91-20-3	
Toluene	**711**	ug/L	10.0	3.9	10		11/17/14 16:55	108-88-3	
1,2,4-Trimethylbenzene	**1940**	ug/L	10.0	4.2	10		11/17/14 16:55	95-63-6	
1,3,5-Trimethylbenzene	**581**	ug/L	10.0	4.2	10		11/17/14 16:55	108-67-8	
m&p-Xylene	**4280**	ug/L	20.0	8.0	10		11/17/14 16:55	179601-23-1	M1
o-Xylene	**1930**	ug/L	10.0	4.5	10		11/17/14 16:55	95-47-6	M1
Surrogates									
a,a,a-Trifluorotoluene (S)	108	%	80-120		10		11/17/14 16:55	98-08-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

QC Batch: GCV/13565 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40107128001, 40107128002, 40107128003, 40107128004, 40107128005

METHOD BLANK: 1083682 Matrix: Water
Associated Lab Samples: 40107128001, 40107128002, 40107128003, 40107128004, 40107128005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	11/17/14 09:59	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	11/17/14 09:59	
Benzene	ug/L	<0.40	1.0	11/17/14 09:59	
Ethylbenzene	ug/L	<0.39	1.0	11/17/14 09:59	
m&p-Xylene	ug/L	<0.80	2.0	11/17/14 09:59	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	11/17/14 09:59	
Naphthalene	ug/L	<0.42	1.0	11/17/14 09:59	
o-Xylene	ug/L	<0.45	1.0	11/17/14 09:59	
Toluene	ug/L	<0.39	1.0	11/17/14 09:59	
a,a,a-Trifluorotoluene (S)	%	103	80-120	11/17/14 09:59	

LABORATORY CONTROL SAMPLE & LCSD: 1083683 1083684

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	21.7	21.6	109	108	80-120	1	20	
1,3,5-Trimethylbenzene	ug/L	20	21.0	20.7	105	104	80-120	1	20	
Benzene	ug/L	20	20.9	20.7	104	103	80-120	1	20	
Ethylbenzene	ug/L	20	21.2	20.9	106	105	80-120	1	20	
m&p-Xylene	ug/L	40	41.9	41.4	105	103	80-120	1	20	
Methyl-tert-butyl ether	ug/L	20	21.0	20.5	105	103	80-120	2	20	
Naphthalene	ug/L	20	21.5	21.1	107	106	80-120	2	20	
o-Xylene	ug/L	20	20.9	20.8	105	104	80-120	1	20	
Toluene	ug/L	20	20.8	20.6	104	103	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%				102	103	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1083976 1083977

Parameter	Units	40107128005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	1940	200	200	2320	2220	190	136	26-200	5	20	
1,3,5-Trimethylbenzene	ug/L	581	200	200	867	829	143	124	70-160	5	20	
Benzene	ug/L	7.4J	200	200	227	218	110	105	49-165	4	20	
Ethylbenzene	ug/L	1260	200	200	1560	1480	151	114	59-156	5	20	
m&p-Xylene	ug/L	4280	400	400	4990	4750	178	119	49-164	5	20	M1
Methyl-tert-butyl ether	ug/L	<4.8	200	200	214	200	107	100	80-127	7	20	
Naphthalene	ug/L	514	200	200	763	719	124	103	71-130	6	20	
o-Xylene	ug/L	1930	200	200	2260	2160	168	115	70-137	5	20	M1
Toluene	ug/L	711	200	200	972	925	131	107	80-135	5	20	

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, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1083976 1083977

Parameter	Units	40107128005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
a,a,a-Trifluorotoluene (S)	%						105	106	80-120			

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, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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.

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

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, Inc.
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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 060701 FORMER HEINEN
Pace Project No.: 40107128

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40107128001	**MW-1**	WI MOD GRO	GCV/13565		
40107128002	**MW-2**	WI MOD GRO	GCV/13565		
40107128003	**MW-3**	WI MOD GRO	GCV/13565		
40107128004	**MW-4**	WI MOD GRO	GCV/13565		
40107128005	**MW-5**	WI MOD GRO	GCV/13565		

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Page 1 of

KB/

40107128

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)	
Company Name:	FEC, Inc.
Branch/Location:	Milwaukee
Project Contact:	Trenton Ott
Phone:	(414) 228-9815
Project Number:	060701
Project Name:	Former Heinen
Project State:	WI
Sampled By (Print):	Trenton Ott
Sampled By (Sign):	Trenton J. Ott
PO #:	
Regulatory Program:	PECFA

Quote #:	
Mail To Contact:	Trenton Ott
Mail To Company:	FEC, Inc.
Mail To Address:	6637 N. Sidney Place Milwaukee WI 53209
Invoice To Contact:	Same
Invoice To Company:	Same
Invoice To Address:	Same
Invoice To Phone:	(414) 228-9815

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes

A = Air	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: Purge Vols	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	11/13/14	1045	GW		X			3-40mL VOA	
002	MW-2		1055			X				
003	MW-3		1105			X				
004	MW-4		1115			X				
005	MW-5		1125			X				

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Trenton J. Ott	11/14/14 9:40	Mary Fannin	11/14/14 9:40
Mary Fannin	11/14/14 1245		11/14/14 1245
	11/14/14 1430		11-14-14 1430
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

PACE Project No.
40107128

Receipt Temp = R01 °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Client Name: FEC

Project #: WO#: 40107128

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☑ Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RO\ /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☑ yes ☐ no

Person examining contents:
Date: 11-14-14
Initials: KB

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. No time on samples
-Includes date/time/ID/Analysis Matrix: W		11-14-14 KB
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☐Yes ☑No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 11-17-14

F-GB-C-031-Rev.02 (28Oct2013) SCUR Form

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

May 04, 2015

TRENT OTT
Friess Environmental Consulting, Inc
6637 NORTH SIDNEY PLACE
Milwaukee, WI 53209

RE: Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

Dear TRENT OTT:
Enclosed are the analytical results for sample(s) received by the laboratory on April 24, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,

Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40113749001	**MW-1**	Water	04/24/15 00:00	04/24/15 14:55
40113749002	**MW-2**	Water	04/24/15 00:00	04/24/15 14:55
40113749003	**MW-3**	Water	04/24/15 00:00	04/24/15 14:55
40113749004	**MW-4**	Water	04/24/15 00:00	04/24/15 14:55
40113749005	**MW-5**	Water	04/24/15 00:00	04/24/15 14:55

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SAMPLE ANALYTE COUNT

Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40113749001	**MW-1**	WI MOD GRO	LCF	10	PASI-G
40113749002	**MW-2**	WI MOD GRO	LCF	10	PASI-G
40113749003	**MW-3**	WI MOD GRO	LCF	10	PASI-G
40113749004	**MW-4**	WI MOD GRO	LCF	10	PASI-G
40113749005	**MW-5**	WI MOD GRO	LCF	10	PASI-G

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ANALYTICAL RESULTS

Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

Sample: MW-1 **Lab ID: 40113749001** Collected: 04/24/15 00:00 Received: 04/24/15 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		04/29/15 10:50	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		04/29/15 10:50	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		04/29/15 10:50	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		04/29/15 10:50	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		04/29/15 10:50	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/29/15 10:50	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/29/15 10:50	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		04/29/15 10:50	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		04/29/15 10:50	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		04/29/15 10:50	98-08-8	

Sample: MW-2 **Lab ID: 40113749002** Collected: 04/24/15 00:00 Received: 04/24/15 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		04/29/15 11:16	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		04/29/15 11:16	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		04/29/15 11:16	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		04/29/15 11:16	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		04/29/15 11:16	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/29/15 11:16	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/29/15 11:16	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		04/29/15 11:16	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		04/29/15 11:16	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		04/29/15 11:16	98-08-8	

Sample: MW-3 **Lab ID: 40113749003** Collected: 04/24/15 00:00 Received: 04/24/15 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		04/29/15 15:58	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		04/29/15 15:58	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		04/29/15 15:58	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		04/29/15 15:58	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		04/29/15 15:58	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/29/15 15:58	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		04/29/15 15:58	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		04/29/15 15:58	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		04/29/15 15:58	95-47-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

Sample: MW-3 **Lab ID: 40113749003** Collected: 04/24/15 00:00 Received: 04/24/15 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		04/29/15 15:58	98-08-8	

Sample: MW-4 **Lab ID: 40113749004** Collected: 04/24/15 00:00 Received: 04/24/15 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		04/30/15 08:57	71-43-2	
Ethylbenzene	**1.1**	ug/L	1.0	0.39	1		04/30/15 08:57	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		04/30/15 08:57	1634-04-4	
Naphthalene	**2.7**	ug/L	1.0	0.42	1		04/30/15 08:57	91-20-3	
Toluene	**2.7**	ug/L	1.0	0.39	1		04/30/15 08:57	108-88-3	
1,2,4-Trimethylbenzene	**9.1**	ug/L	1.0	0.42	1		04/30/15 08:57	95-63-6	
1,3,5-Trimethylbenzene	**2.2**	ug/L	1.0	0.42	1		04/30/15 08:57	108-67-8	
m&p-Xylene	**2.1**	ug/L	2.0	0.80	1		04/30/15 08:57	179601-23-1	
o-Xylene	**2.1**	ug/L	1.0	0.45	1		04/30/15 08:57	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	110	%	80-120		1		04/30/15 08:57	98-08-8	

Sample: MW-5 **Lab ID: 40113749005** Collected: 04/24/15 00:00 Received: 04/24/15 14:55 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<7.9**	ug/L	20.0	7.9	20		04/29/15 12:59	71-43-2	
Ethylbenzene	**1020**	ug/L	20.0	7.9	20		04/29/15 12:59	100-41-4	
Methyl-tert-butyl ether	**<9.7**	ug/L	20.0	9.7	20		04/29/15 12:59	1634-04-4	
Naphthalene	**405**	ug/L	20.0	8.5	20		04/29/15 12:59	91-20-3	
Toluene	**566**	ug/L	20.0	7.8	20		04/29/15 12:59	108-88-3	
1,2,4-Trimethylbenzene	**1520**	ug/L	20.0	8.4	20		04/29/15 12:59	95-63-6	
1,3,5-Trimethylbenzene	**451**	ug/L	20.0	8.3	20		04/29/15 12:59	108-67-8	
m&p-Xylene	**3490**	ug/L	40.0	16.0	20		04/29/15 12:59	179601-23-1	
o-Xylene	**1590**	ug/L	20.0	9.0	20		04/29/15 12:59	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		20		04/29/15 12:59	98-08-8	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

QC Batch: GCV/14300 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40113749001, 40113749002, 40113749003, 40113749004, 40113749005

METHOD BLANK: 1148686 Matrix: Water
Associated Lab Samples: 40113749001, 40113749002, 40113749003, 40113749004, 40113749005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	04/29/15 08:41	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	04/29/15 08:41	
Benzene	ug/L	<0.40	1.0	04/29/15 08:41	
Ethylbenzene	ug/L	<0.39	1.0	04/29/15 08:41	
m&p-Xylene	ug/L	<0.80	2.0	04/29/15 08:41	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	04/29/15 08:41	
Naphthalene	ug/L	<0.42	1.0	04/29/15 08:41	
o-Xylene	ug/L	<0.45	1.0	04/29/15 08:41	
Toluene	ug/L	<0.39	1.0	04/29/15 08:41	
a,a,a-Trifluorotoluene (S)	%	101	80-120	04/29/15 08:41	

LABORATORY CONTROL SAMPLE & LCSD: 1148687 1148688

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.9	21.0	105	105	80-120	0	20	
1,3,5-Trimethylbenzene	ug/L	20	20.5	20.6	103	103	80-120	0	20	
Benzene	ug/L	20	20.8	20.6	104	103	80-120	1	20	
Ethylbenzene	ug/L	20	21.2	20.9	106	104	80-120	1	20	
m&p-Xylene	ug/L	40	41.6	41.5	104	104	80-120	0	20	
Methyl-tert-butyl ether	ug/L	20	21.2	20.9	106	104	80-120	2	20	
Naphthalene	ug/L	20	20.5	20.9	102	104	80-120	2	20	
o-Xylene	ug/L	20	20.8	20.8	104	104	80-120	0	20	
Toluene	ug/L	20	20.1	20.1	101	100	80-120	0	20	
a,a,a-Trifluorotoluene (S)	%				98	99	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1148703 1148704

Parameter	Units	40113749005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	1520	400	400	2080	2100	140	144	29-200	1	20	
1,3,5-Trimethylbenzene	ug/L	451	400	400	952	955	125	126	57-171	0	20	
Benzene	ug/L	<7.9	400	400	455	453	114	113	69-150	0	20	
Ethylbenzene	ug/L	1020	400	400	1500	1510	121	125	80-146	1	20	
m&p-Xylene	ug/L	3490	800	800	4500	4550	126	132	65-173	1	20	
Methyl-tert-butyl ether	ug/L	<9.7	400	400	432	419	108	105	80-120	3	20	
Naphthalene	ug/L	405	400	400	842	833	109	107	66-137	1	20	
o-Xylene	ug/L	1590	400	400	2070	2100	121	129	79-144	2	20	
Toluene	ug/L	566	400	400	1030	1030	116	117	67-156	0	20	

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, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1148703 1148704

Parameter	Units	40113749005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
a,a,a-Trifluorotoluene (S)	%						103	103	80-120			

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, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

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 and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

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-G Pace Analytical Services - Green Bay

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 060701 FORMER HEINEN
Pace Project No.: 40113749

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40113749001	**MW-1**	WI MOD GRO	GCV/14300		
40113749002	**MW-2**	WI MOD GRO	GCV/14300		
40113749003	**MW-3**	WI MOD GRO	GCV/14300		
40113749004	**MW-4**	WI MOD GRO	GCV/14300		
40113749005	**MW-5**	WI MOD GRO	GCV/14300		

UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

KEW

40113749

Pace Analytical®
www.pacelabs.com

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	FEC INC
Branch/Location:	MKW
Project Contact:	Rick Frieseke
Phone:	(414) 228-9013
Project Number:	060701
Project Name:	Former Heinen
Project State:	WI
Sampled By (Print):	RMF
Sampled By (Sign):	
PO #:	Regulatory Program:

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	
Mail To Contact:	
Mail To Company:	Same
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
☐ EPA Level III
☐ EPA Level IV

MS/MSD
☐ On your sample (billable)
☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: VOC + Naph	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	4/24/15	AM	GW			X		3-40ml B	
002	MW-2	"	"	"			X			
003	MW-3	"	"	"			X			
004	MW-4	"	"	"			X			
005	MW-5	"	"	"			X			

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	rfrieseke@fecinc.us
Email #2:	
Telephone:	Same
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	4/24/15 12:15	[signature]	4/24/15 1215
[signature]	4/24/15 13:20	[signature]	4/24/15 1320
[signature]	4/24/15 1455	[signature]	4/24/15 1455

PACE Project No.: 40113749
Receipt Temp = R01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Client Name: FEC Inc.

Project #: **WO# : 40113749**

40113749

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☒ Pace Other: _____

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☒ no Seals intact: ☐ yes ☐ no

Packing Material ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other _____

Thermometer Used N/A **Type of Ice:** Wet Blue Dry None ☒ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RO1 /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☒ no

Person examining contents:
Date: 4-24-15
Initials: KEW

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

				Comments:
Chain of Custody Present:	☒Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☒Yes	☐No	☐N/A	2. Time is "AM" KW 4-24-15
Chain of Custody Relinquished:	☒Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☒Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☒Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes	☒No	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☒No	☐N/A	7.
Sufficient Volume:	☒Yes	☐No	☐N/A	8.
Correct Containers Used:	☒Yes	☐No	☐N/A	9.
-Pace Containers Used:	☒Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☒N/A	
Containers Intact:	☒Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☒N/A	11.
Sample Labels match COC:	☒Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: W				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☒N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☒N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☒Yes	☐No		Initial when completed / Lab Std #ID of preservative / Date/ Time:
Headspace in VOA Vials (>6mm):	☐Yes	☒No	☐N/A	14.
Trip Blank Present:	☐Yes	☒No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☒N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 4-27-15

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Former Heinen Property
~~Facility License, Permit or Monitoring No.~~
10020 W. Appleton Ave Milw 53225
Facility ID
BRRTS# 03-41-001789

Local Grid Location of Well ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.
Local Grid Origin ☐ (estimated: ☐) or Well Location ☐
Lat. ° ' " Long. ° ' " or
St. Plane ____ ft. N, ____ ft. E. S/C/N
Section Location of Waste/Source
____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W
Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
Gov. Lot Number: ____

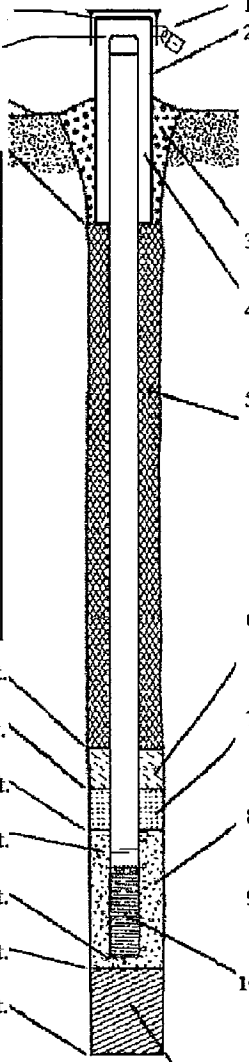
Well Name: MW#1
Wis. Unique Well No.: ____ DNR Well ID No.: ____
Date Well Installed: 04/18/2014 (m m d d y y y y)
Well Installed By: Name (first, last) and Firm: Giles Engineering Waukesha WI

Type of Well
Well Code ____ / ____
Distance from Waste/Source ____ ft.
Enf. Stds. Apply ☐

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation 99.25 ft. MSL
C. Land surface elevation 98.35 ft. MSL
D. Surface seal, bottom ____ ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐
13. Sieve analysis performed? ☐ Yes ☒ No
14. Drilling method used: Rotary ☒ 50
Hollow Stem Auger ☐ 41
Other ☐ ____
15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99
16. Drilling additives used? ☐ Yes ☒ No
Describe ____
17. Source of water (attach analysis, if required):
____

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.
F. Fine sand, top ____ ft. MSL or 1.0 ft.
G. Filter pack, top ____ ft. MSL or 2.0 ft.
H. Screen joint, top ____ ft. MSL or 3 ft.
I. Well bottom ____ ft. MSL or 13 ft.
J. Filter pack, bottom ____ ft. MSL or 15 ft.
K. Borehole, bottom ____ ft. MSL or 15 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.0 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6.0 in.
b. Length: 0.5 ft.
c. Material: Steel ☒ 04
____ Other ☐ ____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Locking PVC cap
3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
____ Other ☐ ____
4. Material between well casing and protective pipe:
Bentonite ☒ 30
____ Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. ____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. Fine Sand ____
b. Volume added 1/2 Bag ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. Course Sand ____
b. Volume added 2 Bags ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
____ Other ☐ ____
10. Screen material: PVC ____
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
____ Other ☐ ____
b. Manufacturer Cuadrex
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14
____ Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature: [signature] Firm: Friess Environmental Consulting

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT
Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Heinen Property	Milwaukee	MW#1
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
10020 W Appleton Ave Milw 53225	__	_____	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) ____.__ ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 10.__ gal.

7. Volume of water removed from well ____.__ gal.

8. Volume of water added (if any) ____.__ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. ____.__ ft.	____.__ ft.
Date	b. 07/17/2014 (mm/dd/yyyy)	07/14/2004 (mm/dd/yyyy)
Time	c. __:__ ☐ a.m. ☐ p.m.	__:__ ☐ a.m. ☐ p.m.
12. Sediment in well bottom	.__ inches	.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)
14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

Fill in if drilling fluids were used and well is at solid waste facility: N/A

16. Well developed by: Name (first, last) and Firm
First Name: Trent Last Name: ott
Firm: FEC, INC

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Rick Last Name: Friesela
Facility/Firm: Friess Environmental Consulting
Street: 6637 N. Sidney Place
City/State/Zip: Milw WI 53209

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Rick Friesela
Print Name: Rick Friesela
Firm: Friess Environmental Consulting Milw

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Former Herman Property
Facility License, Permit or Monitoring No.: 0020 W. Appleton Ave Milw 53225
Facility ID: BRRTS# 03-41-001789
Type of Well — Well Code ____ / ____
Distance from Waste/Source ____ ft. | Enf. Stds. Apply ☐

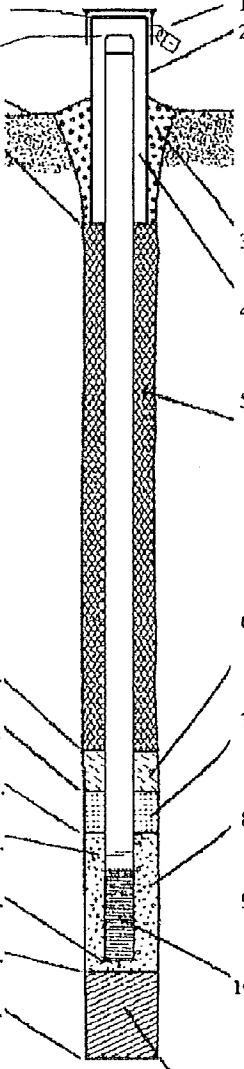
Local Grid Location of Well ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.
Local Grid Origin ☐ (estimated: ☐) or Well Location ☐
Lat. ° ' " Long. ° ' " or
St. Plane ____ ft. N, ____ ft. E. S/C/N
Section Location of Waste/Source
____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W
Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
Gov. Lot Number ____

Well Name: MW#2
Wis. Unique Well No. ____ DNR Well ID No. ____
Date Well Installed: 04/18/2014 (m m d d y y y y)
Well Installed By: Name (first, last) and Firm
Giles Engineering
Waukesha WI

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation 99.57 ft. MSL
C. Land surface elevation 98.57 ft. MSL
D. Surface seal, bottom ____ ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐
13. Sieve analysis performed? ☐ Yes ☒ No
14. Drilling method used: Rotary ☒ 50
Hollow Stem Auger ☐ 41
Other ☐ _____
15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99
16. Drilling additives used? ☐ Yes ☒ No
Describe _____
17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.
F. Fine sand, top ____ ft. MSL or 1.0 ft.
G. Filter pack, top ____ ft. MSL or 2.0 ft.
H. Screen joint, top ____ ft. MSL or 3 ft.
I. Well bottom ____ ft. MSL or 13 ft.
J. Filter pack, bottom ____ ft. MSL or 15 ft.
K. Borehole, bottom ____ ft. MSL or 15 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.0 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6.0 in.
b. Length: 5 ft.
c. Material: Steel ☒ 04
Other ☐ _____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Locking PVC cap
3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30
Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Fine Sand
b. Volume added 1/2 Bag ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. course Sand
b. Volume added 2 Bags ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
Other ☐ _____
b. Manufacturer Cascade
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14
Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Rob Friesek | Firm: Friess Environmental Consulting

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Heinen Property	Milwaukee	MW # 7
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
10020 W. Appleton Ave Mlw 53225	___	_____ / ____

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	99

3. Time spent developing well 30 min.

4. Depth of well (from top of well casisng) ___.__ ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 10.__ gal.

7. Volume of water removed from well ___.__ gal.

8. Volume of water added (if any) ___.__ gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. ___.__ ft.	___.__ ft.
Date	b. 07/17/2014 (mm/dd/yyyy)	07/14/2004 (mm/dd/yyyy)
Time	c. ___:___ ☐ a.m. ☐ p.m.	___:___ ☐ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	N/A ___.__ mg/l	___.__ mg/l
15. COD	___.__ mg/l	___.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Trent Last Name: Ott
Firm: FEC, INC

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Rick Last Name: Friesela
Facility/Firm: Friess Environmental Consulting
Street: 6637 N. Sidney Place
City/State/Zip: Mlw WI 53209

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Rick Friesela
Print Name: Rick Friesela
Firm: Friess Environmental Consulting Mlw

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

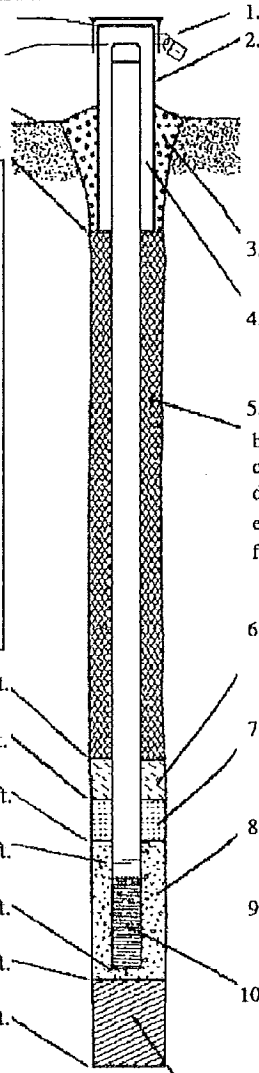
Facility/Project Name: Former Heiman Property
Facility License, Permit or Monitoring No.: 0020 W. Appleton Ave Milw 53225
Facility ID: BRRTS # 03-41-001789
Type of Well — Well Code ____/____
Distance from Waste/Source ____ ft. | Enf. Stds. Apply ☐

Local Grid Location of Well ☐ N. ☐ S. ____ ft. ☐ E. ☐ W. ____ ft.
Local Grid Origin ☐ (estimated: ☐) or Well Location ☐
Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or
St. Plane ____ ft. N, ____ ft. E. S/C/N
Section Location of Waste/Source
____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐ E ☐ W
Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
Gov. Lot Number: ____

Well Name: MW #3
Wis. Unique Well No. ____ DNR Well ID No. ____
Date Well Installed: 04/18/2014 (m m d d y y y y)
Well Installed By: Name (first, last) and Firm: Giles Engineering, Waukesha WI

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation 98.86 ft. MSL
C. Land surface elevation 97.86 ft. MSL
D. Surface seal, bottom ____ ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐
13. Sieve analysis performed? ☐ Yes ☒ No
14. Drilling method used: Rotary ☒ 50
Hollow Stem Auger ☐ 41
Other ☐ _____
15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99
16. Drilling additives used? ☐ Yes ☒ No
Describe _____
17. Source of water (attach analysis, if required):
_____



E. Bentonite seal, top ____ ft. MSL or 1.0 ft.
F. Fine sand, top ____ ft. MSL or 1.0 ft.
G. Filter pack, top ____ ft. MSL or 2.0 ft.
H. Screen joint, top ____ ft. MSL or 3 ft.
I. Well bottom ____ ft. MSL or 13 ft.
J. Filter pack, bottom ____ ft. MSL or 15 ft.
K. Borehole, bottom ____ ft. MSL or 15 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.0 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6.0 in.
b. Length: 5 ft.
c. Material: Steel ☒ 04 Other ☐ ____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Locking PVC cap
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ ____
4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ ____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☒ 32
c. ____ Other ☐ ____
7. Fine sand material: Manufacturer, product name & mesh size
a. Fine Sand
b. Volume added 1/2 Bag ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. course Sand
b. Volume added 2 Bags ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ ____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ ____
b. Manufacturer Cascade
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.
Signature: Kurt Friess Firm: Friess Environmental Consulting

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Heinen Property	Milwaukee	MW #3

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
10020 W. Appleton Ave Milw 53225	___	_____	____

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well ___36___ min.

4. Depth of well (from top of well casisng) ____.__ ft.

5. Inside diameter of well ___2.0___ in.

6. Volume of water in filter pack and well casing ___10.__ gal.

7. Volume of water removed from well ____.__ gal.

8. Volume of water added (if any) ____.__ gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. ____.__ ft.	____.__ ft.
Date	b. 07/17/2014 (m m d d y y y y)	07/14/2004 (m m d d y y y y)
Time	c. ___:___ ☐ a.m. ☐ p.m.	___:___ ☐ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	N/A ____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Trent Last Name: Ott
Firm: FEC, INC

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Rick Last Name: Friesela
Facility/Firm: Friess Environmental Consulting
Street: 6637 N. Sidney Place
City/State/Zip: Milw WI 53209

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Rick Friesela
Print Name: Rick Friesela
Firm: Friess Environmental Consulting Milw

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION

Form 4400-113A Rev. 7-98

Facility/Project Name: Former Heckman Property
Facility License, Permit or Monitoring No.: 0020 W. Appleton Ave Milw 53225
Facility ID: BRATS# 03-41-001789
Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.
Local Grid Origin ☐ (estimated: ☐) or Well Location ☐
Lat. ° ' " Long. ° ' " or
St. Plane _____ ft. N, _____ ft. E. S/C/N
Section Location of Waste/Source: _____ 1/4 of _____ 1/4 of Sec. _____, T. _____ N, R. _____ ☐E ☐W
Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
Gov. Lot Number: _____
Well Name: MW#4
Wis. Unique Well No.: _____ DNR Well ID No.: _____
Date Well Installed: 04/18/2014 (m m d d y y y y)
Well Installed By: Name (first, last) and Firm: Giles Engineering, Waukesha, WI
Type of Well: Well Code _____/_____
Distance from Waste/Source _____ ft. Enf. Stds. Apply ☐

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 99.76 ft. MSL
C. Land surface elevation 98.76 ft. MSL
D. Surface seal, bottom _____ ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☒ 50
Hollow Stem Auger ☐ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.
F. Fine sand, top _____ ft. MSL or 1.0 ft.
G. Filter pack, top _____ ft. MSL or 2.0 ft.
H. Screen joint, top _____ ft. MSL or 3 ft.
I. Well bottom _____ ft. MSL or 13 ft.
J. Filter pack, bottom _____ ft. MSL or 15 ft.
K. Borehole, bottom _____ ft. MSL or 15 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.0 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6.0 in.
b. Length: 5 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Locking PVC cap
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Fine Sand
b. Volume added 1/2 Bag ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. course Sand
b. Volume added 2 Bags ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer Cuadrex
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Kurt Friesele Firm: Friess Environmental Consulting

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Heinen Property	Milwaukee	MW # 4
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number** / **DNR Well ID Number**
10020 W. Appleton Avenue Milw 53225	__	_____ / ___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 36 min.

4. Depth of well (from top of well casisng) ____.__ ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 10.__ gal.

7. Volume of water removed from well ____.__ gal.

8. Volume of water added (if any) ____.__ gal.

9. Source of water added _____

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. ____.__ ft.	____.__ ft.
Date	b. 07/17/2014 (m m d d y y y y)	07/14/2004 (m m d d y y y y)
Time	c. __:__ ☐ a.m. ☐ p.m.	__:__ ☐ a.m. ☐ p.m.
12. Sediment in well bottom	___.__ inches	___.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	N/A ____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Trent Last Name: Ott
Firm: FEC, INC

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Rick Last Name: Friesela
Facility/Firm: Friess Environmental Consulting Inc
Street: 1663 N. Sidney Place
City/State/Zip: Milw WI 53209

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Rick Friesela
Print Name: Rick Friesela
Firm: Friess Environmental Consulting #Milw

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Former Herman Property
Facility License, Permit or Monitoring No.: 0020 W. Appleton Ave Milw 53225
Facility ID: BRRTS # 03-41-001789
Type of Well — Well Code ____/____
Distance from Waste/Source ____ ft. | Enf. Stds. Apply ☐

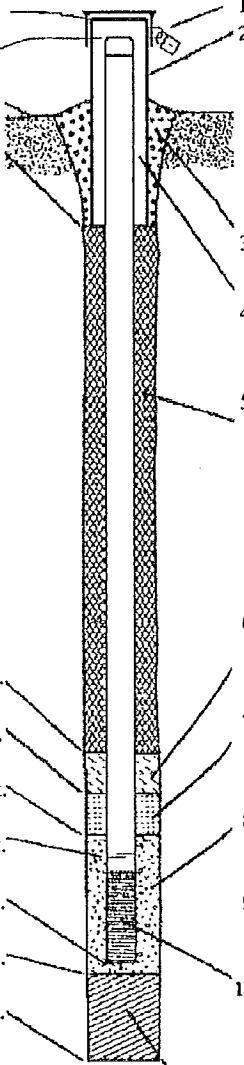
Local Grid Location of Well ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.
Local Grid Origin ☐ (estimated: ☐) or Well Location ☐
Lat. ____ ° ____ ' ____ " Long. ____ ° ____ ' ____ " or
St. Plane ____ ft. N, ____ ft. E. S/C/N
Section Location of Waste/Source
____ 1/4 of ____ 1/4 of Sec. ____, T. ____ N, R. ____ ☐E ☐W
Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known
Gov. Lot Number: ____

Well Name: MW #5
Wis. Unique Well No. ____ DNR Well ID No. ____
Date Well Installed: 04/18/2014 (m m d d y y y y)
Well Installed By: Name (first, last) and Firm
Giles Engineering
Waukesha WI

A. Protective pipe, top elevation ____ ft. MSL
B. Well casing, top elevation 100 ft. MSL
C. Land surface elevation 99 ft. MSL
D. Surface seal, bottom ____ ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐
13. Sieve analysis performed? ☐ Yes ☒ No
14. Drilling method used: Rotary ☒ 50
Hollow Stem Auger ☐ 41
Other ☐ _____
15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99
16. Drilling additives used? ☐ Yes ☒ No
Describe _____
17. Source of water (attach analysis, if required):
_____

E. Bentonite seal, top ____ ft. MSL or 1.0 ft.
F. Fine sand, top ____ ft. MSL or 1.0 ft.
G. Filter pack, top ____ ft. MSL or 2.0 ft.
H. Screen joint, top ____ ft. MSL or 3 ft.
I. Well bottom ____ ft. MSL or 13 ft.
J. Filter pack, bottom ____ ft. MSL or 15 ft.
K. Borehole, bottom ____ ft. MSL or 15 ft.
L. Borehole, diameter 8.0 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.0 in.



1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6.0 in.
b. Length: 5 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☒ Yes ☐ No
If yes, describe: Locking PVC cap
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐ _____
5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐1/4 in. ☐3/8 in. ☐1/2 in. Bentonite chips ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. Fine Sand
b. Volume added 1/2 Bag ft^3
8. Filter pack material: Manufacturer, product name & mesh size
a. course Sand
b. Volume added 2 Bags ft^3
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer Cleveland
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.
11. Backfill material (below filter pack): None ☒ 14 Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Ruth Friesse | Firm: Friess Environmental Consulting

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐ _____

Facility/Project Name	County Name	Well Name
Former Haimen Property	Milwaukee	MW # 5
Facility License, Permit or Monitoring Number	**County Code**	**Wis. Unique Well Number**	**DNR Well ID Number**
10020 W. Appleton Avenue Milw 53225	__	_____	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method

surged with bailer and bailed	☒	41
surged with bailer and pumped	☐	61
surged with block and bailed	☐	42
surged with block and pumped	☐	62
surged with block, bailed and pumped	☐	70
compressed air	☐	20
bailed only	☐	10
pumped only	☐	51
pumped slowly	☐	50
Other _____	☐	

3. Time spent developing well 36 min.

4. Depth of well (from top of well casisng) ____.__ ft.

5. Inside diameter of well 2.0 in.

6. Volume of water in filter pack and well casing 10.__ gal.

7. Volume of water removed from well ____.__ gal.

8. Volume of water added (if any) ____.__ gal.

9. Source of water added _____

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. ____.__ ft.	____.__ ft.
Date	b. 06/17/2014	07/14/2004
Time	c. __:__ ☐ a.m. ☐ p.m.	__:__ ☐ a.m. ☐ p.m.
12. Sediment in well bottom	__.__ inches	__.__ inches
13. Water clarity	Clear ☐ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☐ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	N/A ____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Trent Last Name: Ott
Firm: FEC, INC

17. Additional comments on development:

Name and Address of Facility Contact /Owner/Responsible Party
First Name: Rick Last Name: Friesela
Facility/Firm: Friess Environmental Consulting
Street: 1637 N. Sidney Place
City/State/Zip: Milw WI 53209

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: Rick Friesela
Print Name: Rick Friesela
Firm: Friess Environmental Consulting
Milw

NOTE: See instructions for more information including a list of county codes and well type codes.

C. Documentation of Remedial Action

C.2. Investigative Waste

Not applicable. Soil sampling was conducted utilizing soil probe direct push technology, which does not generate significant investigative waste. Any excess soils generated from the soil probes were disposed of by the drilling contractor.

C.3. NR 720.19 Analysis

Not applicable. NR 720 values are taken from the RR Program's RCL spreadsheet (updated May 2012) as calculated utilizing the U.S. EPA's Regional Screening Level Web-Calculator per DNR draft document RR-890.

C.4. Construction Documentation

Not applicable. No construction documentation is applicable to the subject site.

C.5. Decommissioning of Remedial Systems

Not applicable. No remedial systems present.

CAP MAINTENANCE PLAN

April 7, 2020

Property Located at:

10020 West Appleton Avenue
Milwaukee, WI 53212

BRRTS No. 03-41-001789
FID No. 241577820

Described as follows:

All that part of the SW ¼ of Section 29, T8N, R21E, in the City of Milwaukee, Milwaukee County, Wisconsin, bounded and described as on the attached deed.

Parcel ID No. 179-9982-117-0

Introduction:

This document is the Maintenance Plan for a cap at the above referenced property (the "Property") in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing cap within specific areas of the Property.

More site-specific information about the Property may be found in:

- The case file in the Wisconsin Department of Natural Resources (DNR) southeast regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites): http://botw.dnr.state.wi.us/botw/SetUpBasicSearchForm.do
- GIS Registry PDF file for further information on the nature and extent of contamination: http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=brrts2 and
- The DNR project manager (contact information found on the last page).

Description of Residual Impacts:

The subject property has historically been occupied by a service station and is currently a vacant, asphalt/concrete paved parking area. The Property is zoned commercial and the zoning is consistent with the current and planned future use. Site investigation (SI) activities have been conducted at the Property and the results indicated concentrations of residual soil impacts associated with the historic use of petroleum at the property. Concentrations of select petroleum volatile organic compounds (PVOCs), including but not limited to ethylbenzene, naphthalene, combined trimethylbenzenes, and xylenes above their NR 720 residual contaminant levels (RCLs) for the protection of groundwater and/or direct contact risk remain on the site at depths of 6 to 10 feet below grade. The area of residual soil impacts is currently capped with the asphalt/concrete pavement. Based on the soil sampling results, the residual soil impacts will be addressed through maintaining the existing cap to limit precipitation infiltration.

The Property owner, 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.

CAP MAINTENANCE PLAN

Description of the Cap to be maintained:

The asphalt/concrete area (the "Cap") that exists on the property over the residual soil impacts on the above-described property in the locations shown on the attached map (Figure 1) serve as a barrier to limit precipitation infiltration that might otherwise pose a threat to human health. Based on the current and future use of the Property, the Cap should function as intended unless disturbed.

Cap Inspection:

The Cap overlying residual soil impacts and as depicted on the attached map (Figure 1) 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 may allow precipitation infiltration. 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 the Cap needs repair will be documented. A log of the inspections and any repairs will be maintained by the Property owner and is included (Maintenance Inspection Log). The inspection log will include recommendations for necessary repair of any areas of the Cap that needs repair. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept by the property owner and available for submittal to or inspection by DNR representatives upon their request.

Cap 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 regrading, patching and filling, or larger resurfacing, or construction operations. If maintenance activities or new plantings (i.e. trees) expose the underlying soil, the Property owner must inform maintenance and/or landscaping workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment (PPE). The Property owner must also sample any soil that is excavated from the capped area of the Property prior to disposal to ascertain if soil impacts remain. The soil must be treated, stored, and disposed of by the Property owner in accordance with applicable local, state, and federal law.

In the event the Cap overlying the residual soil impacts is removed or replaced, the replacement barrier must be equivalent for minimizing precipitation infiltration. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Cap Maintenance Plan unless indicated otherwise by the DNR or its successor.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting the Cap:

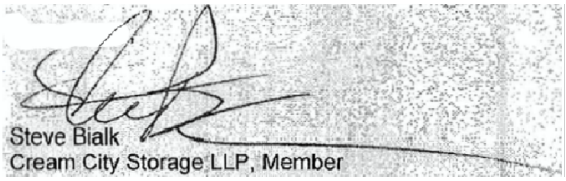
The following activities are prohibited on any portion of the Property where the Cap is required, unless prior written approval has been obtained from the DNR: (1) removal of the existing cap; (2) replacement of the cap with another barrier; (3) excavating or grading of the land surface; (4) filling on the capped surface; (5) plowing for agricultural cultivation; and (6) construction or placement of a building or other structure within the capped area.

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 the DNR.

Contact Information (as of April 2020):

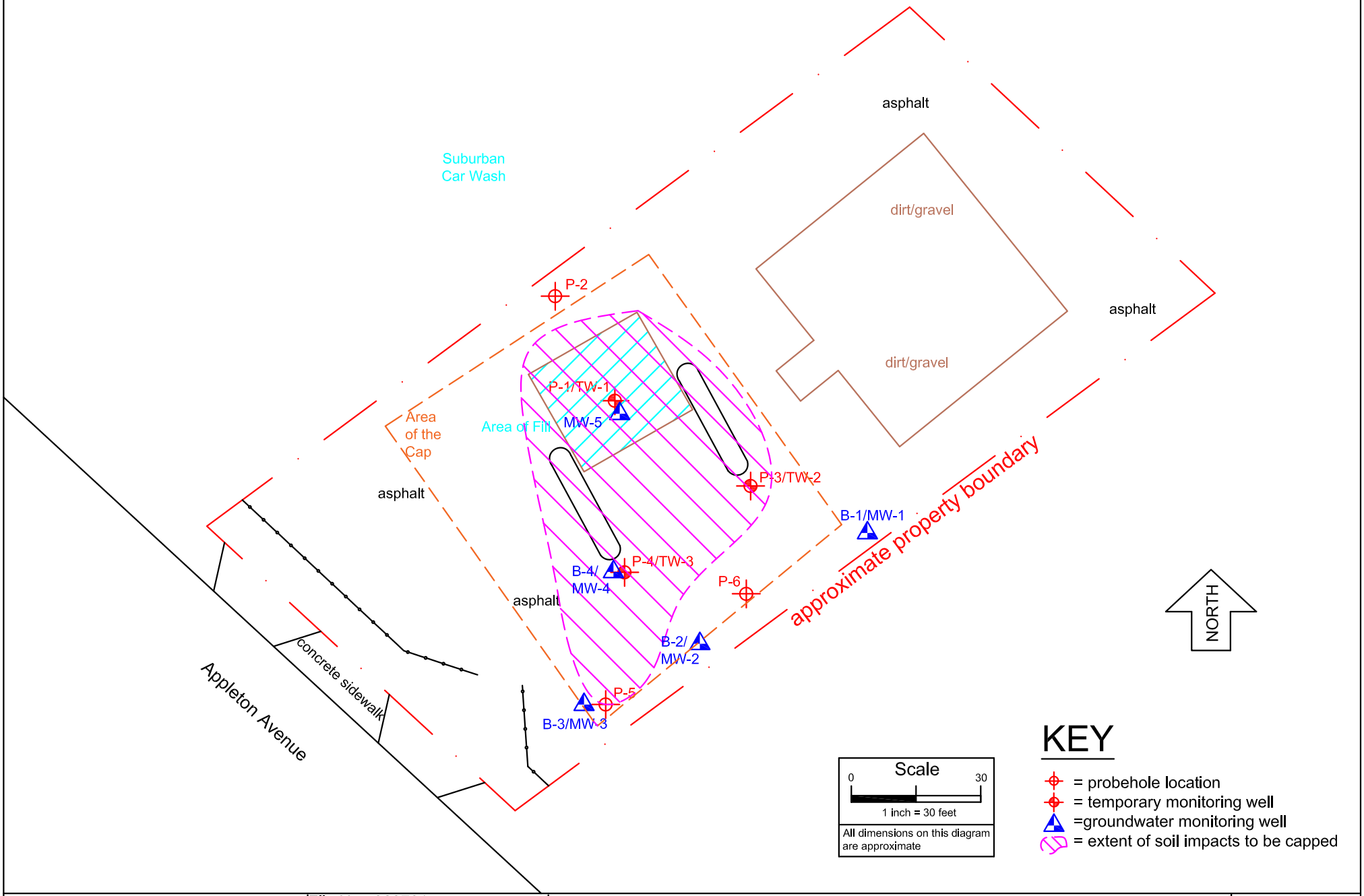
Site Owner and Operator: Mr. Steve Bialk
Cream City Storage LLP
1823 N. Palmer Street
Milwaukee, WI 53212

Signature: 

Consultant: Friess Environmental Consulting, Inc.
Attn: Richard W. Frieseke, P.E.
6635 North Sidney Place
Milwaukee, WI 53209
(414) 228-9815

Signature: Richard W. Frieseke

DNR: Mr. Greg Michael
Hydrogeologist
Wisconsin Department of Natural Resources
141 NW Barstow Street, Suite 180
Waukesha, WI 53188
(262) 574-2176



FRIESS ENVIRONMENTAL CONSULTING, INC.	File No.: 060701e DWG Date: 8-8-14 Rev Date: 4-21-20 Drawn By: TJO Checked By (PM): TJO	**D.2 Location Map (Cap)** 10020 Appleton Avenue Milwaukee, Wisconsin

Figure

D.2.

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

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.
Former Heinen Property	03-41-001789

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):

Greg.Michael@Wisconsin.gov

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?
03/20/2020	Trenton Ott	☐ monitoring well ☒ cover/barrier ☐ vapor mitigation system ☐ other:	Concrete in good condition, some cracking in the asphalt.	None at this time.	○ 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:

Title:

Attachment E – Monitoring Well Information

All monitoring wells have been located and will be properly abandoned upon closure.

STATE BAR OF WISCONSIN FORM 1 - 1998

WARRANTY DEED

Document Number

8254228

REGISTER'S OFFICE | SS
Milwaukee County, WI |
RECORDED AT 2:56 PM
04-01-2002
WALTER R. BARCZAK
REGISTER OF DEEDS
AMOUNT 11.00

REEL 5296 IMAGE 2413

Recording Area

Name and Return Address
2037 N. 1st Street
Milwaukee WI 53212

AA-163124

179-9982-117-0
Parcel Identification Number (PIN)

This IS NOT homestead property.
(is) (is not)

This Deed, made between **LANCE PAINTER**

Grantor, and CREAM CITY STORAGE LLP

Grantee.

Grantor, for a valuable consideration, conveys to Grantee the following described real estate in **MILWAUKEE** County, State of Wisconsin (The "Property"):

TRANSFER
$ 150.00
FEE

ALL THAT PART OF THE SOUTHWEST 1/4 OF SECTION 29, IN TOWNSHIP 8 NORTH, RANGE 21 EAST, IN THE CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS, TO-WIT: COMMENCING AT THE SOUTHEAST CORNER OF SAID 1/4 SECTION, AND RUNNING THENCE NORTH 0 DEG. 11' 30" EAST ON EAST LINE OF SAID 1/4 SECTION 341.46 FEET TO THE NORTHEAST LINE OF WEST APPLETON AVENUE THENCE NORTH 49 DEG. 3' 15" WEST ON SAID NORTHEAST LINE 476.92 FEET TO THE POINT OF BEGINNING OF LANDS HEREIN DESCRIBED; THENCE CONTINUING NORTH 49 DEG. 3' 15" WEST ON SAID NORTHEASTERLY LINE 97 FEET THEN NORTH 53 DEG. 52' 6" EAST 205.24 FEET, THENCE SOUTH 49 DEG. 3' 15" EAST 97 FEET; THENCE SOUTH 53 DEG. 52' 6" WEST 205.24 FEET TO THE POINT OF BEGINNING.

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoinig ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants and general taxes levied in the year of closing, and will warrant and defend the same.

Dated this 11 day of **DECEMBER**, **2001**.

* **LANCE PAINTER**

*

*

*

AUTHENTICATION

Signature(s)

authenticated this ____ day of ____________, ____

*

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

THIS INSTRUMENT WAS DRAFTED BY
WILLIAM L. SUHR
FOR METROPOLITAN TITLE COMPANY

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

ACKNOWLEDGMENT

STATE OF ~~WISCONSIN~~ Arizona
) ss.
Maricopa County.)

Personally came before me this 11 day of **DECEMBER, 2001** the above named **LANCE PAINTER**

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

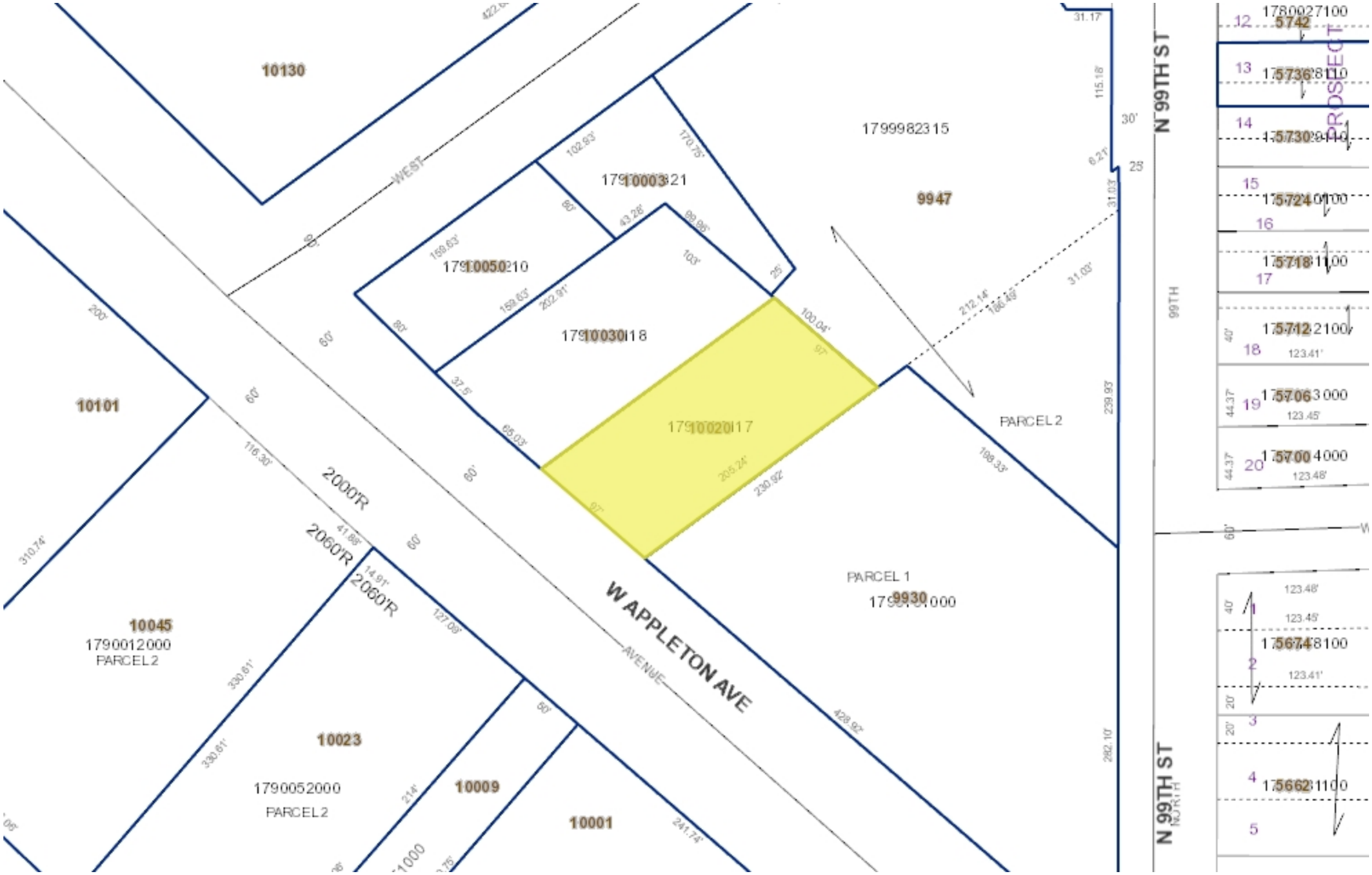
* Tamara Gilliland
Notary Public, State of ~~Wisconsin~~ Arizona
My Commission is permanent. (If not, state expiration date: December 7 2004.)

OFFICIAL SEAL
TAMARA GILLILAND
NOTARY PUBLIC - ARIZONA
MARICOPA COUNTY
My Comm. Expires Dec. 7, 2004

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

163124

MILWAUKEE COUNTY INTERACTIVE MAPPING SERVICE



188 0 94 188 Feet

NAD_1927_StatePlane_Wisconsin_South_FIPS_4803

1: 1,129

Notes

csm

Assessment Detail and Listing Characteristics

1799982117	10020 W APPLETON AV	6212	17905	Milwaukee	Local Mercantile

CREAM CITY STORAGE LLP
C/O STEVE JESMOK
944 N 45TH ST
MILWAUKEE WI 53208

WD		
2001-12-11	39800	39800
150.00	0	0
Name or Address Change: 2015-08-25	39800	39800

		LB1	2	000502-

LANDS IN SW 1/4 SEC 29-8-21 COM ON E LI & 341.46' N OF SE COR SD 1/4 SEC-TH NW ALG NE LI OF W APPLETON AVE 573.92' TO BEG OF LAND TO BE DESC-TH SE ALG SD LI 97'-TH NE 205.24'-TH NW 97'-TH SW TO BEG

19885	0.0000	0	0	0.0000	19885

1	0.0	Commercial Land	0	0	Other	N/A

No Tenant Listing Found For This taxkey

SUBCHAPTER 6
COMMERCIAL DISTRICTS

295-601. Purposes. For the purpose of regulating the use of land in the city of Milwaukee and to provide for the orderly growth and development of the city, the following commercial zoning districts are established:

1. NEIGHBORHOOD SHOPPING DISTRICTS (NS1-NS2). These districts provide for residential uses as well as commercial uses that serve the neighborhood. Such commercial uses are necessary to satisfy basic shopping and service needs that occur frequently and must, therefore, be located close to residential areas. The character of these districts is intended to be compatible with that of surrounding residential neighborhoods. Buildings in these districts are typically smaller in scale than those found in local business districts. The NS1 district is characterized by a more suburban development pattern, with larger lots and deeper setbacks, while the development pattern in the NS2 district tends to be more urban, with smaller lots and smaller setbacks.

2. LOCAL BUSINESS DISTRICTS (LB1-LB3). These districts provide a wide range of goods and services to a large consumer population coming from an extensive area. Within these districts, motor-vehicle-related activities are of major significance. Good access by motor vehicle or public transit is important to local business districts, which are often located adjacent to intersections of major thoroughfares and in close proximity to bus transfer locations. The LB1 district is characterized by a more suburban development pattern, with larger lots and deeper setbacks, while the development pattern in the LB2 district tends to be more urban, with smaller lots and smaller setbacks. The LB3 district is the most urban and is characterized by design standards appropriate for neighborhood commercial hubs, centers, corridors and transit-oriented development areas that have a denser level of development and may have taller buildings, all of which promote compact, walkable, sustainable neighborhoods.

3. REGIONAL BUSINESS DISTRICTS (RB1-RB2). These districts provide areas where regional or city-wide shopping, employment or high-density residential uses may occur. These districts allow large-scale and tall buildings. They also have a high intensity of land use and may contain nodes of development that can be effectively served by public transportation. The RB1 district is characterized by a more suburban development pattern, with larger lots and deeper setbacks, while the development pattern in the RB2 district tends to be more urban, with smaller lots and smaller setbacks.

4. COMMERCIAL SERVICE (CS). This district is intended to provide areas where businesses and personal service establishments can be accommodated, but where extensive retail activities are not warranted by city plans.

295-603. Uses. 1. USE TABLE. Table 295-603-1 indicates the use classifications for various land uses in the commercial districts. The uses in this table are defined in s. 295-201. The following are the use classifications indicated in Table 295-603-1:

a. AY" indicates a permitted use. This use is permitted as a matter of right subject to all performance standards.

b. "L" indicates a limited use. This use is permitted only when the use meets the standards of sub. 2. If the use cannot meet these standards, it shall be permitted only upon board approval of a special use permit pursuant to s. 295-311-2, unless otherwise prohibited by sub. 2.

c. "S" indicates a special use. This use is permitted only if the board approves a special use permit pursuant to s. 295-311-2.

d. "N" indicates a prohibited use.

Date: 1-15-2016

RE: Statement Regarding Legal Description for the Property located at 10020 West Appleton Avenue in Milwaukee, Wisconsin

To whom it may concern:

I believe that the legal description included in this Geographic Information System (GIS) packet is complete and accurate to the best of my knowledge.

Respectfully,

Steve Bialk
Cream City Storage LLP, Member

060701GIS

G. Notifications to Owners of Impacted Properties

Not applicable. No notifications are required as part of this response action.