

## Source Property Information

<b>BRRTS #:</b>	<input type="text" value="02-41-000033"/>	<b>CLOSURE DATE:</b>	<input type="text" value="11/07/2016"/>
<b>ACTIVITY NAME:</b>	<input type="text" value="SPIC &amp; SPAN INC"/>	<b>FID #:</b>	<input type="text" value="241040690"/>
<b>PROPERTY ADDRESS:</b>	<input type="text" value="4301 N RICHARDS ST"/>	<b>DATCP #:</b>	<input type="text"/>
<b>MUNICIPALITY:</b>	<input type="text" value="MILWAUKEE"/>	<b>PECFA#:</b>	<input type="text"/>
<b>PARCEL ID #:</b>	<input type="text" value="2420201000 / 2331180000 / 2331181000"/>		

**\*WTM COORDINATES:**

X:  Y:

*\* Coordinates are in  
WTM83, NAD83 (1991)*

**WTM COORDINATES REPRESENT:**

- Approximate Center Of Contaminant Source  
 Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

### CONTINUING OBLIGATIONS

#### Contaminated Media for Residual Contamination:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Groundwater Contamination > ES (236) | <input checked="" type="checkbox"/> Soil Contamination > *RCL or **SSRCL (232) |
| <input type="checkbox"/> Contamination in ROW                            | <input type="checkbox"/> Contamination in ROW                                  |
| <input checked="" type="checkbox"/> Off-Site Contamination               | <input checked="" type="checkbox"/> Off-Site Contamination                     |

#### Site Specific Obligations:

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Soil: maintain industrial zoning (220)<br><i>(note: soil contamination concentrations<br/>between non-industrial and industrial levels)</i> | <input checked="" type="checkbox"/> Cover or Barrier (222)  |
| <input type="checkbox"/> Structural Impediment (224)  | <input checked="" type="checkbox"/> Direct Contact  |
| <input type="checkbox"/> Site Specific Condition (228)  | <input type="checkbox"/> Soil to GW Pathway   |
|   | <input checked="" type="checkbox"/> Vapor Mitigation (226)  |
|   | <input type="checkbox"/> Maintain Liability Exemption (230)<br><i>(note: local government unit or economic<br/>development corporation was directed to<br/>take a response action )</i> |

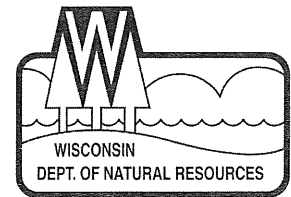
VAPOR: Future  
Redevelopment

Are all monitoring wells properly abandoned per NR 141? (234)

Yes  No  N/A

\* Residual Contaminant Level

\*\*Site Specific Residual Contaminant Level



November 7, 2016

Mr. Robert Miller  
Spic & Span Inc.  
4301 North Richards Street  
Milwaukee, WI 53212

**KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS**

SUBJECT: Final Case Closure with Continuing Obligations  
Spic & Span Inc., 4301 North Richards Street, Milwaukee, WI 53212  
DNR BRRTS Activity #: 02-41-000033  
FID #: 241040690

Dear Mr. Miller:

The Department of Natural Resources (DNR) considers the Spic & Span Inc. case 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. Certain continuing obligations also apply to affected property owners or rights-of-way holders. These are identified within each continuing obligation.

This final closure decision is based on the correspondence and data provided to DNR, and is issued under chs. NR 726 and 727, Wis. Adm. Code. The Southeast Region (SER) Project Manager reviewed the request for closure on October 10, 2016, for compliance with state laws and standards to maintain consistency in the closure of these cases.

The subject property was developed in the 1950s and is currently occupied by Spic & Span Inc. Historically, the property was occupied by Square D, an electrical equipment manufacturer, and then later occupied by the current owner, Spic & Span Inc, conducting garment cleaning operations since its purchase in 1960. Contamination was discovered at the property as part of a tank closure assessment in 1987. Site investigation activities identified volatile organic compounds (VOCs) within the property soils and groundwater. The continuing obligations imposed by this letter will address any potential exposure to residual contamination. The conditions of closure and continuing obligations required were based on the property being used for industrial 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.
- The crushed limestone cap must be maintained over contaminated soil and the DNR must be notified and approve any changes to this barrier.
- Industrial soil standards were applied for closure, and industrial zoning is required. Before the land use may be changed from industrial to non-industrial, additional environmental work must be completed.

- Remaining contamination could result in vapor intrusion if future construction activities occur. Future construction includes expansion or partial removal of current buildings as well as construction of new buildings. Vapor control technologies will be required for occupied buildings, unless the property owner assesses the potential for vapor intrusion, and the DNR agrees that vapor control technologies are not needed.

The DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained at <http://dnr.wi.gov/files/PDF/pubs/tr/RR819.pdf>.

#### GIS Registry

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web), at <http://dnr.wi.gov/topic/Brownfields/clean.html>, 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 viewer, under the Geographic Information System (GIS) Registry layer, at the same web address.

DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. 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 <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>.

All site information is also on file at the SER DNR office, at 2300 N. Dr. Martin Luther King, Jr. Drive, Milwaukee, WI 53212-3128. 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 BRRTS on the Web.

#### 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 the limestone cap is required, as shown on **Figure D.1, Maintenance Plan Engineered Barrier Location**, 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. Dr. Martin Luther King, Jr. Drive  
Milwaukee, WI 53212-3128

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 **Figure B.3.b, Groundwater Isoconcentrations Map**. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. Affected property owners and right-of-way holders were notified of the presence of groundwater contamination. This continuing obligation also applies to the owners of 4353 North Richards Street, Milwaukee, Wisconsin.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)

Contamination remains in the near surface soils at the property, as indicated on **Figure B.2.c, Pre/Post Remaining Soil Contamination**. 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 material 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, if applicable, with prior DNR approval. This continuing obligation also applies to the owners of 4353 North Richards Street, Milwaukee, Wisconsin.

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

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats., s. NR 726.15, s. NR 727.07 Wis. Adm. Code)

The crushed limestone cap that exists in the location shown on **Figure D.1, Maintenance Plan Engineered Barrier Location**, shall be maintained in compliance with the attached **Barrier Maintenance Plan (July 2016)**, in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

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

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

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



Industrial Soil Standards (s. NR 726.15, s. NR 727.07, Wis. Adm. Code)

Soil contamination remains at the property surrounding the tank excavation area, as shown on **Figure D.1, Maintenance Plan Engineered Barrier Location**. Samples contained VOCs in concentrations that met the site-specific industrial soil standards developed for this site.

This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. The property owner shall notify the DNR at least 45 days before changing the use. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

Vapor Mitigation or Evaluation (s. 292.12 (2), Wis. Stats., s. NR 726.15, s. NR 727.07, Wis. Adm. Code)

Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

Future Concern: VOCs remain in the near surface soils of the property, as shown on **Figure B.2.c, Pre/Post Remaining Soil Contamination**, at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. Therefore, before a building is constructed and/or an existing building is modified, the property owner must notify the DNR at least 45 days before the change. Vapor control technologies are required for construction of occupied buildings unless the property owner assesses the vapor pathway and DNR agrees that vapor control technologies are not needed.

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 the Project Manager, Trevor Nobile, at 414-263-8524, or at [trevor.nobile@wisconsin.gov](mailto:trevor.nobile@wisconsin.gov).

Sincerely,



Michele R. Norman  
SER Team Supervisor  
Remediation & Redevelopment Program

Attachments:

- Figure D.1 - Maintenance Plan Engineered Barrier Location
- Figure B.3.b - Groundwater Isoconcentrations Map
- Figure B.2.c - Pre/Post Remaining Soil Contamination
- Barrier Maintenance Plan (July 2016)
- DNR Form 4400-305

cc: Edward Diesch, GRAEF, 125 S 84<sup>th</sup> Street, Suite 401, Milwaukee, WI 53214 (electronic)  
Brian Schneider, GRAEF, 125 S 84<sup>th</sup> Street, Suite 401, Milwaukee, WI 53214 (electronic)  
SER File





PRE/POST REMAINING SOIL CONTAMINATION

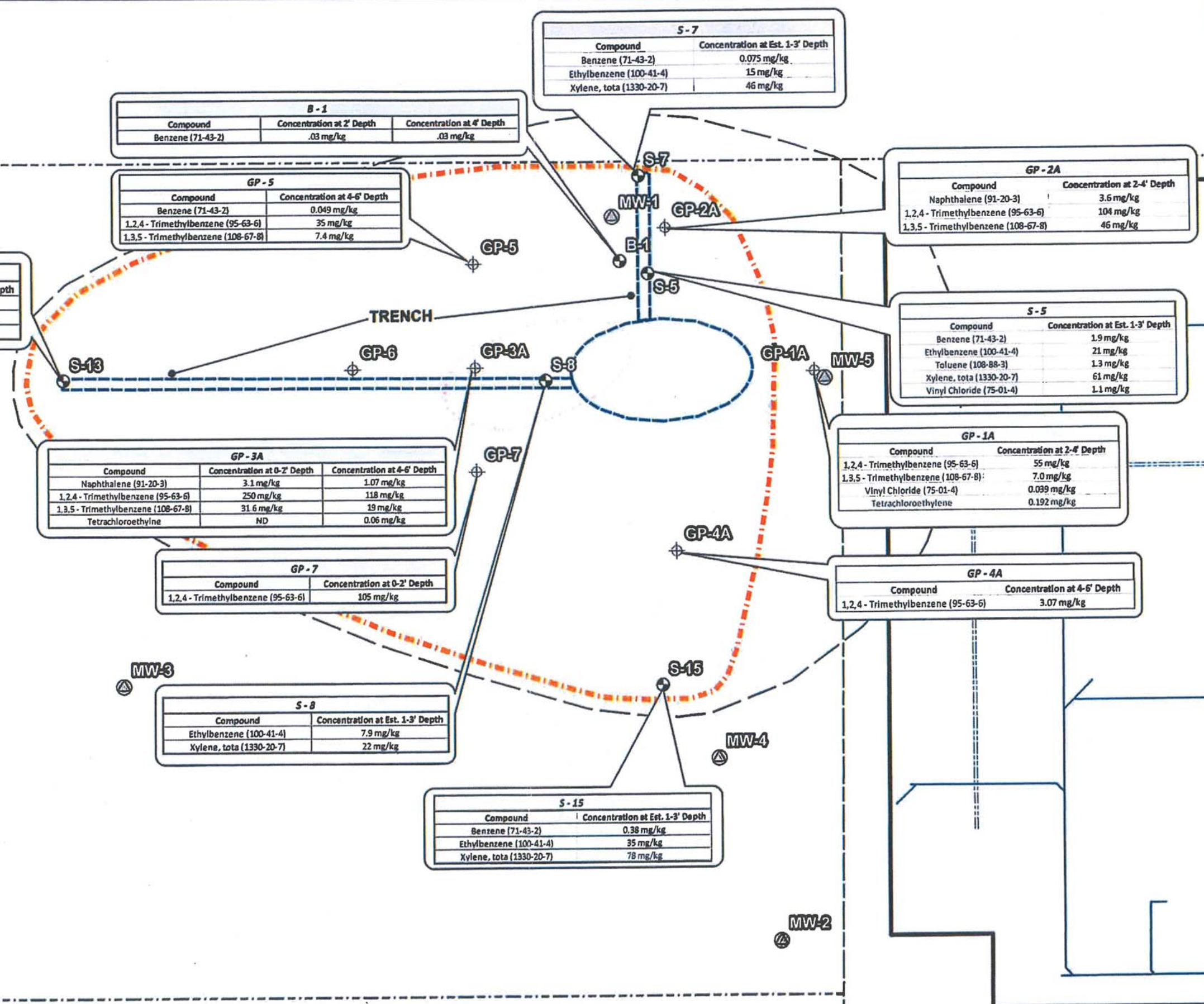
4301 N RICHARDS STREET

CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



**Legend**

- Manhole
- ⊕ Monitoring Well
- Soil Boring
- ⊙ Soil Sample
- ⊕ Geoprobe
- ==== Sanitary Sewer
- Storm Sewer
- ▭ Tank Excavation
- ▭ Estimated Extent of Soil Contaminants that Exceed the Groundwater Protection Pathway Standards
- ▭ Building Footprint
- ▭ Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard - Industrial
- ▭ Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard - Residential



# BARRIER MAINTENANCE PLAN

July, 2016

Property Located at:

4301 North Richards Street, Milwaukee, WI

BRRTS# 02-41-000033 Spic & Span, Inc.





## 1. Introduction

This document provides the Maintenance Plan for a gravel barrier at 4301 North Richards Street, Milwaukee, Wisconsin (the "site") in accordance with the requirements of Wis. ADMIN. CODE, NAT. RES. § 724.13(2) (2011). The legal description of the site is as follows:

All that part of the Southeast  $\frac{1}{4}$  of Section 30, Town 7 North, Range 22 East, City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows:

Lot numbered Seventy (70) and the West One Foot (W.1') of Lot Number Sixty-nine (69), In Comstock and Williams Subdivision of Lots numbered One (1), Two (2), Three (3), Four (4), and Five (5) of Section numbered Five (5) and the South East One-quarter (S.E.1/4) of Section numbered Five (5) and the North-west One-quarter (N.W.1/4) of Section numbered Four (4) in the Township numbered Seven (7) North, Range numbered Twenty-two (22) East.

Lot numbered Sixty-nine (69), and the North One-half (1/2) of Lot numbered Eighty (80), except the West One (1) foot thereof, In Comstock and Williams Subdivision of Lots numbered One (1), Two (2), Three (3), Four (4), and Five (5) of Section numbered Five (5) and the South East One-quarter (1/4) of Section numbered Five (5) and the North West One-quarter (1/4) of Section numbered Four (4), In Township numbered Seven (7) North, Range numbered Twenty-two (22) East, partly in the City of Milwaukee and partly in the City of Glendale, Milwaukee County, Wisconsin, together with any and all rights, title and interest of the party of the first part in and to the vacated portion of Adams Avenue pertaining to the above described lot Sixty-Nine (69), and except that part deeded to the City of Milwaukee by deed recorded in Volume 2477, Page 401, as Document No. 2779230, Milwaukee County, Wisconsin.

The coordinates of the property, located at 4301 North Richards Street are approximately E 69180, N 293458.

The Maintenance Plan covers impacts at the site associated with case BRRTS# 02-41-000033, Spic & Span has the responsibilities to implement the Maintenance Plan.

The on-site maintenance activities apply to the maintenance of the gravel barrier over the estimated area of soils that exceed the Residual Contamination Level (RCL) for the Direct Contact Pathway, and to potential excavation activities in the estimated areas of both the soils that exceed the RCL for the Direct Contact Pathway, and the soils that exceed the RCL for the Groundwater Pathway. The depth of the affected soils extends to four feet below ground surface (bgs) in the area of the Direct Pathway RCL exceedance, and up to eight feet bgs. in the area of the Groundwater Pathway exceedance.

Contaminants that exceed the Direct Pathway include 1,2,4 – Trimethylbenzene, contaminants that exceed the Groundwater Pathway include benzene, ethylbenzene, 1,2,4 – Trimethylbenzene, 1,3,5 – Trimethylbenzene, vinyl chloride and tetrachloroethylene. These areas are shown on the attached figure D.1.

The barrier over the soils that exceed the Direct Contact RCL consists of a six inch thick layer of ¾” inch limestone. Access to this area is restricted by a fence with a locked gate and a door on the west side of the building which is also locked.

The property owner will maintain a copy of the Maintenance Plan at the Spic & Span, Inc. Office at 4301 North Richards Street, Milwaukee, Wisconsin and make it available to all interested parties, including on-site employees, contractors, and future property owners, for viewing.

## **2. Barrier Purpose**

The stone barrier and fence will serve as a barrier to prevent direct human contact with residual contaminants in the soil. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

## **3. Annual Inspection**

The stone barrier and fence will be inspected once a year by the property owner, normally in the spring after snow and ice is gone, for deterioration, cracks and other potential problems that can cause additional infiltration into or exposure to underlying soils.

The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented by Spic & Span Inc. A log of the inspections and any repairs will be maintained by the property owner. *See* Appendix A, Cap Inspection Log.

The inspection and repair log will be kept at 4301 North Richards Street, Milwaukee, and made available for review at reasonable times upon request by the Wisconsin Department of Natural Resources (“WDNR”), its successor agency, and/or other state agency with jurisdiction. Annual submission of the log to WDNR is not required.

## **4. Maintenance Activities**

If problems are noted during the annual inspections or at any other time during the year, the property owner should make repairs as soon as practical. Repairs can include infill of low areas in the stone cover and fence repairs.

In the event that the stone barrier overlying the soil is removed, the property owner will provide an equivalent replacement barrier. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by WDNR or its successor agency.

The property owner is responsible for all repair work on the Barrier, the costs of the repairs within the area of the Barrier shall be covered by Spic & Span Inc.

**5. Management of On-site Soils**

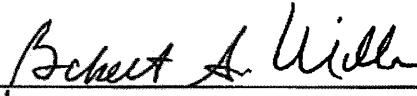
In the event that soils are excavated for new construction or repair work from within the area containing soils that exceed the RCLs for Direct Contact and/or Groundwater Pathway, the soils shall be sampled and analyzed for the presence of Volatile Organic Compounds, and if indicated, managed as a special waste in accordance with applicable regulations. The cost to sample and analyze the soils shall covered be by the property owner.

**6. Amendment or Withdrawal of Maintenance Plan**

This Maintenance Plan can be amended or withdrawn as agreed by both Spic & Span Inc. and the new property owner and its successors with the written approval of WDNR.

**The undersigned understand and agree to the above provisions.**

**FOR Spic & Span, Inc.:**

  
\_\_\_\_\_  
Signature

ROBERT A. MILLER

\_\_\_\_\_  
Print

7/14/16  
\_\_\_\_\_  
Date

**Contact Information**

Brian Schneider, P.E.  
GRAEF  
125 South 84<sup>th</sup> street, Suite 401  
Milwaukee, WI 53214  
(414) 266-9284

**Spic & Span Inc:**

Robert Miller  
Owner  
Spic & Span, Inc.  
4301 North Richards Street  
Milwaukee, WI 53202  
414-964-5050



**WDNR:**

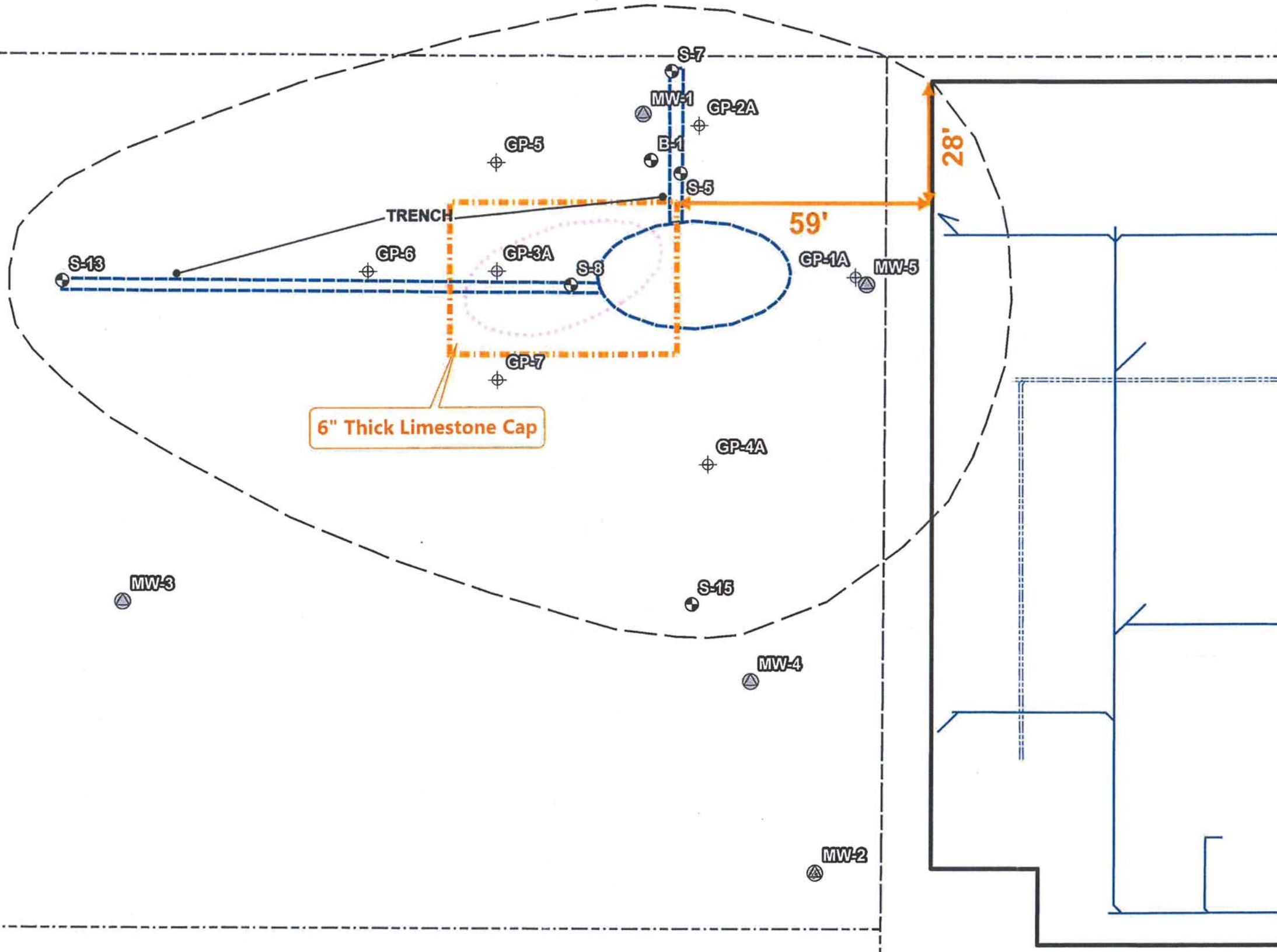
Trevor Nobile, Hydrogeologist  
Wisconsin Department of Natural Resources  
2300 North Martin Luther King Drive  
Milwaukee, WI 53212  
414-263-8524

MAINTENANCE PLAN ENGINEERED BARRIER LOCATION

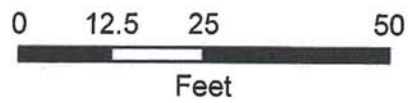
4301 N RICHARDS STREET  
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

Legend

- Manhole
- ⊙ Monitoring Well
- ⊕ Soil Boring
- ⊙ Soil Sample
- ⊕ Geoprobe
- Sanitary Sewer
- Storm Sewer
- - - Parcel Boundary
- ▭ Tank Excavation
- ▭ Limestone Cap 35' x 53'
- Estimated Extent of Soil Contaminants that Exceed the Groundwater Protection Pathway Standards
- ▭ Building Footprint
- Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard



6" Thick Limestone Cap



1 in = 25 ft

File: L:\Jobs\2012\0310\Drawings\01\_Maintenance\_Plan\_Engineered\_Barrier\_Location.mxd Date Saved: 1/15/2016 11:27:35 AM

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

Activity (Site) Name <b>Spic &amp; Span Inc.</b>	BRRTS No. <b>02-41-000033</b>
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Inspections are required to be conducted (see closure approval letter): <input checked="" type="radio"/> annually <input type="radio"/> semi-annually <input type="radio"/> 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):
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Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N

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Date added:

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Date added:

Title:



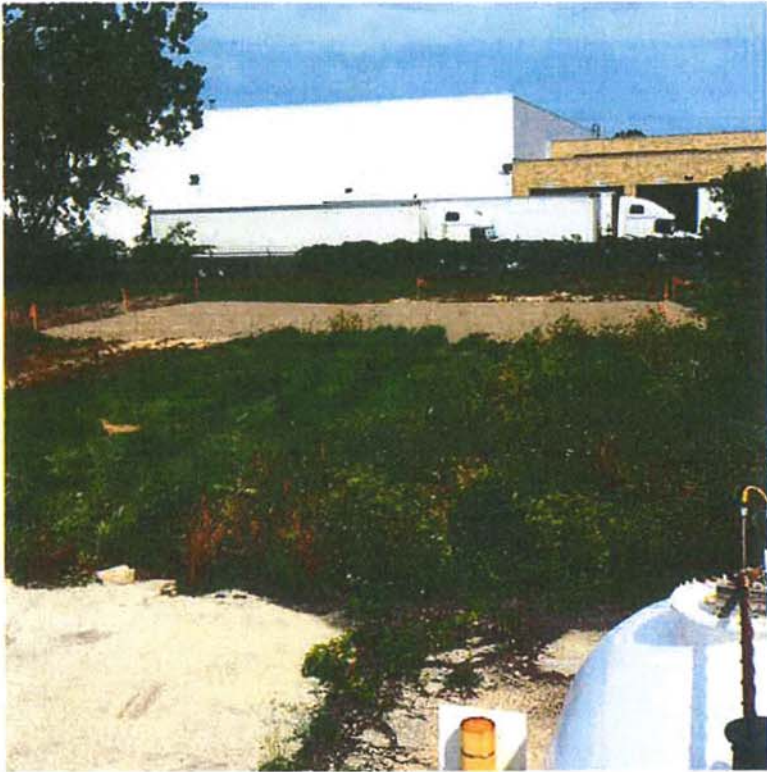


Figure 1 North view of the capped area.



Figure 2 Northeast view of the capped area.



Figure 3 Northwest view of the capped area.



Figure 4 West view of the capped area.





November 22, 2016

Mr. David Marks  
Phoenix Broadway, LLC  
401 East Kilbourn Avenue  
Milwaukee, WI 53202

SUBJECT: Continuing Obligations and Property Owner Requirements  
4353 North Richards Street, Milwaukee, Wisconsin  
Parcel Identification Number: 2428997001  
Final Case Closure for Spic & Span Inc., 4301 N. Richards St., Milwaukee, WI  
DNR BRRTS Activity #: 02-41-000033

Dear Mr. David Marks,

The purpose of this letter is to notify you that certain continuing obligations apply to the property at 4353 North Richards Street, Milwaukee, Wisconsin (referred to in this letter as the "Property") due to contamination remaining on the Property. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at 4301 North Richards Street, Milwaukee, Wisconsin (the case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property). The continuing obligations that apply to the Property are stated as conditions in the attached letter, **Final Case Closure with Continuing Obligations (11/07/2016)**, and are consistent with Wis. Stats. § 292.12 and Wis. Admin. § NR 700. They are meant to limit exposure to any remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist at the Property.

It is common for properties with approved cleanups to have continuing obligations as part of cleanup/closure approvals. Information on continuing obligations on properties can be found by using the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web. This database is found at <http://dnr.wi.gov/topic/Brownfields/clean.html>. This page also provides information on how to find further information about the closure and residual contamination, and how to use the map application, RR Sites Map, including the GIS Registry layer, which shows sites closed with residual contamination and continuing obligations.

The Wisconsin Department of Natural Resources (DNR) reviewed and approved the case closure request regarding the volatile organic compound (VOC) contamination in soil and groundwater at 4301 North Richards Street, based on the information submitted by Brian Schneider from GRAEF (consultant). As required by state law, you received notification about the requested closure from the person conducting the cleanup. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.

### Continuing Obligations Applicable to Your Property

A number of continuing obligations are described in the attached case closure letter to Mr. Robert Miller (Spic & Span Inc.) dated November 7, 2016. However, only the following continuing obligations apply to your Property.

#### Residual Groundwater Contamination (Wis. Admin. § NR 140, 812)

Groundwater contamination greater than enforcement standards is identified at the Property, as shown on **Figure B.3.b, Groundwater Isoconcentrations Map**. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. This continuing obligation applies to 4353 North Richards Street, Milwaukee, Wisconsin.

#### Residual Soil Contamination (Wis. Admin. §§ NR 718, 500 to 536 or, Wis. Stats. § 289)

Contamination remains in the near surface soils at the Property, as indicated on **Figure B.2.c, Pre/Post Remaining Soil Contamination**. 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 material 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 Wis. Admin. § NR 718, if applicable, with prior DNR approval. This continuing obligation applies to 4353 North Richards Street, Milwaukee, Wisconsin.

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

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

### GIS Registry – Well Construction Approval Needed

Because of the residual soil and groundwater contamination and the continuing obligations, this site, which includes your Property, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at <http://dnr.wi.gov/topic/Brownfields/clean.html>.

If you intend to construct or reconstruct a well on the Property, you will need to get DNR approval in accordance with Wis. Admin. § NR 812.09 (4) (w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained on-line at:

<http://dnr.wi.gov/topic/wells/documents/3300254.pdf>.



If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request the removal of the Property from the GIS Registry.

#### Property Owner Responsibilities

The owner (you and any subsequent property owner) of this Property is responsible for compliance with these continuing obligations, pursuant to Wis. Stats. § 292.12. You are required to pass on the information about these continuing obligations to anyone who purchases this property from you (i.e. pass on this letter), in accordance with Wis. Admin. § NR 727.05. For residential property transactions, you are required to make disclosures under Wis. Stats. § 709.02. You may have additional obligations to notify buyers of the condition of the property and the continuing obligations set out in this letter and the closure letter.

If you lease or rent the property to an occupant who will be responsible for maintaining a continuing obligation, you will need to include that responsibility in a lease agreement, in accordance with Wis. Admin. § NR 727.05.

Please be aware that failure to comply with the continuing obligations may result in enforcement action by the DNR. The DNR intends to conduct inspections in the future to ensure that the conditions included in this letter, including compliance with referenced maintenance plans, are met.

These responsibilities are the property owner's. A property owner may enter into a legally binding agreement (such as a contract) with someone else (the person responsible for the cleanup) to take responsibility for compliance with the continuing obligations. If the person with whom any property owner has an agreement fails to adequately comply with the appropriate continuing obligations, the DNR has the authority to require the property owner to complete the necessary work.

A legal agreement between you and another party to carry out any of the continuing obligations listed in this letter does not automatically transfer to a new owner of the property. If a subsequent property owner cannot negotiate a new agreement, the responsibility for compliance with the applicable continuing obligations resides with that Property owner.

When maintenance of a continuing obligation is required, the Property owner is responsible for inspections, repairs, or replacements as needed. Such actions should be documented by the Property owner and the records kept accessible for the DNR to review for as long as the DNR directs.

You and any subsequent Property owners are responsible for notifying the DNR at least 45 days before making a change to a continuing obligation, and obtaining approval, before making any changes to the property that would affect the obligations applied to the Property.

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

Wisconsin Department of Natural Resources  
Attn: Remediation and Redevelopment Program Environmental Program Associate  
2300 N. Dr. Martin Luther King, Jr. Drive  
Milwaukee, WI 53212-3128

DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" helps explain a property owner's responsibility for continuing obligations on their property. This fact sheet should have been sent to you when you received a notification letter before the closure request was submitted to the DNR. You may obtain a copy at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

Under Wis. Stats. § 292.13, owners of properties affected by contamination from another property are generally exempt from investigating or cleaning up a hazardous substance discharge that has migrated onto a property from another property, through the soil, groundwater or sediment pathway. However, the exemption under Wis. Stats. § 292.13, does not exempt the property owner from the responsibility to maintain a continuing obligation placed on the property in accordance with Wis. Stats. § 292.12. To maintain this exemption, that statute requires the current property owner and any subsequent property owners, to meet the conditions in the statute, including:

- Granting reasonable access to DNR or responsible party, or their contractors;
- Avoiding interference with response actions taken; and
- Avoiding actions that make the contamination worse (e.g., demolishing a structure and causing or worsening the discharges to the environment).

If you have any questions regarding this closure decision or anything outlined in this letter, please contact the Project Manager, Trevor Nobile, at 414-263-8524, or at [trevor.nobile@wisconsin.gov](mailto:trevor.nobile@wisconsin.gov).

Sincerely,



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

Attachments:

- Figure B.3.b - Groundwater Isoconcentrations Map
- Figure B.2.c - Pre/Post Remaining Soil Contamination
- RR 819 - Continuing Obligations Fact Sheet
- Final Case Closure with Continuing Obligations (11/07/2016)

cc: Mr. Robert Miller, 4301 North Richards Street, Milwaukee, WI 53212  
Mr. Brian Schneider, GRAEF, 125 S 84<sup>th</sup> Street, Suite 401, Milwaukee, WI 53214



**Legend**

- Manhole
- ⊕ Monitoring Well
- 91.46 FT Groundwater Elevation
- Soil Boring
- ⊕ Soil Sample
- ⊕ Geoprobe
- Sanitary Sewer
- Storm Sewer
- Excavation
- Estimated Extent of Groundwater Contaminants that Exceed the ES
- Building Footprint

Monitoring Well - 1	
Compound	Concentration (ug/L)
Benzene	10.3
Vinyl Chloride	1.7

AFFECTED  
A  
PROPERTY

Monitoring Well - 5	
Compound	Concentration (ug/L)
Benzene	<4.4
Vinyl Chloride	6.1

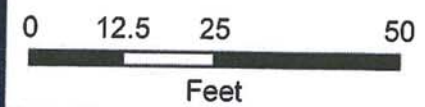
Monitoring Well - 3	
Compound	Concentration (ug/L)
Benzene	<0.44
Vinyl Chloride	0.6

Monitoring Well - 4	
Compound	Concentration (ug/L)
Benzene	0.77J
Vinyl Chloride	0.4J

Monitoring Well - 2	
Compound	Concentration (ug/L)
Benzene	0.41
Vinyl Chloride	<0.4

Date of MW-1, MW-3, MW-4, MW-5 Samples: 11/10/2015  
Date of MW-2 Sample: 6/26/2013

j: Analyte detected below quantitation limits



B.3.b.



**GROUNDWATER ISOCONCENTRATIONS MAP**

4301 N RICHARDS STREET  
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



1 in = 25 ft



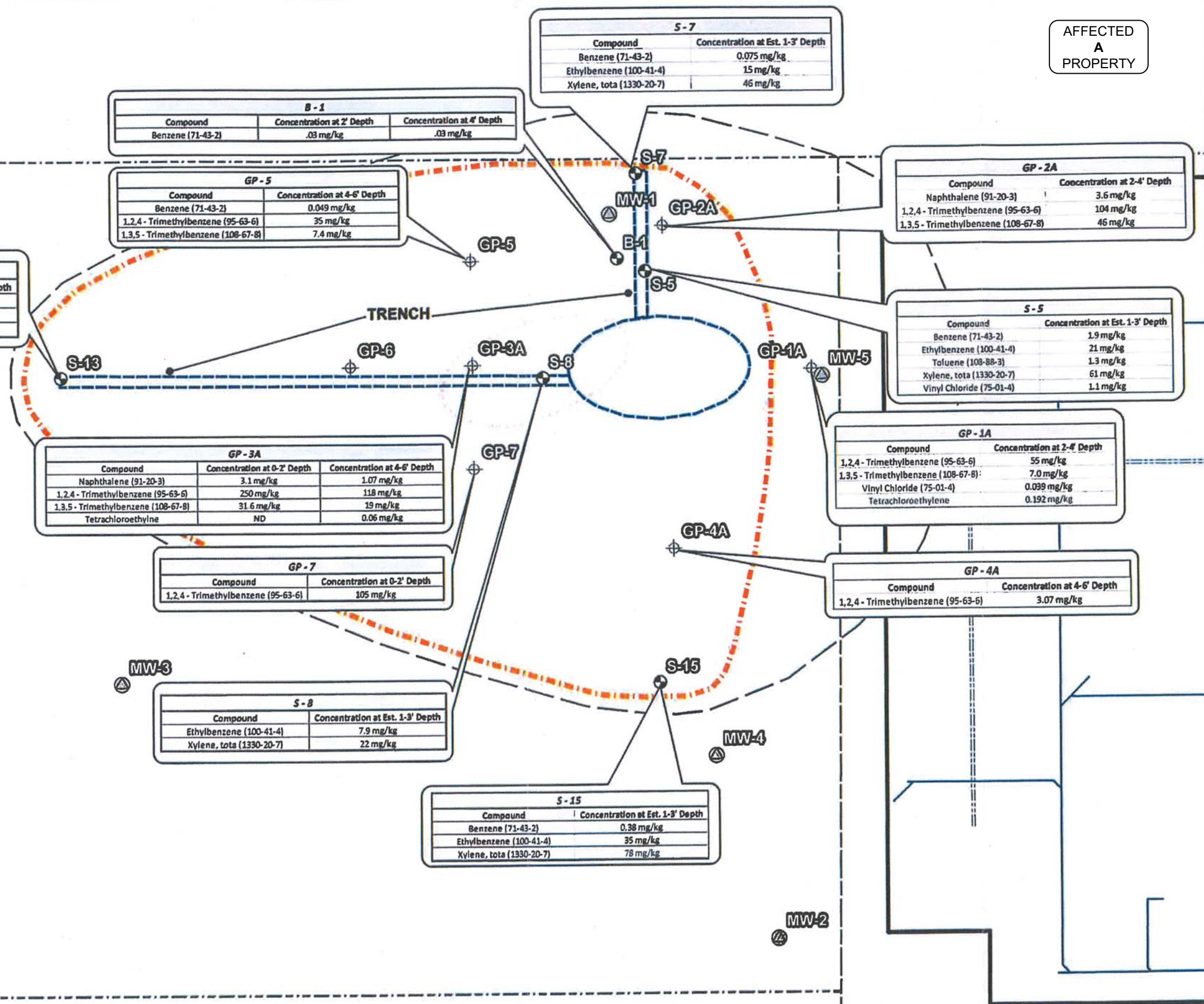
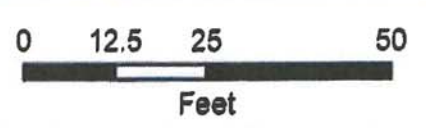
PRE/POST REMAINING SOIL CONTAMINATION

4301 N RICHARDS STREET  
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

AFFECTED  
A  
PROPERTY

**Legend**

- Manhole
- ⊙ Monitoring Well
- Soil Boring
- ⊕ Soil Sample
- ⊕ Geoprobe
- Sanitary Sewer
- Storm Sewer
- Tank Excavation
- Estimated Extent of Soil Contaminants that Exceed the Groundwater Protection Pathway Standards
- Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard - Industrial
- Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard - Residential



**S - 13**

Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.025 mg/kg
Ethylbenzene (100-41-4)	9.8 mg/kg
Xylene, tota (1330-20-7)	23 mg/kg

**B - 1**

Compound	Concentration at 2' Depth	Concentration at 4' Depth
Benzene (71-43-2)	.03 mg/kg	.03 mg/kg

**GP - 5**

Compound	Concentration at 4-6' Depth
Benzene (71-43-2)	0.049 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	35 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	7.4 mg/kg

**S - 7**

Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.075 mg/kg
Ethylbenzene (100-41-4)	15 mg/kg
Xylene, tota (1330-20-7)	46 mg/kg

**GP - 2A**

Compound	Concentration at 2-4' Depth
Naphthalene (91-20-3)	3.6 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	104 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	46 mg/kg

**S - 5**

Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	1.9 mg/kg
Ethylbenzene (100-41-4)	21 mg/kg
Toluene (108-88-3)	1.3 mg/kg
Xylene, tota (1330-20-7)	61 mg/kg
Vinyl Chloride (75-01-4)	1.1 mg/kg

**GP - 3A**

Compound	Concentration at 0-2' Depth	Concentration at 4-6' Depth
Naphthalene (91-20-3)	3.1 mg/kg	1.07 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	250 mg/kg	118 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	31.6 mg/kg	19 mg/kg
Tetrachloroethylene	ND	0.06 mg/kg

**GP - 7**

Compound	Concentration at 0-2' Depth
1,2,4 - Trimethylbenzene (95-63-6)	105 mg/kg

**S - 8**

Compound	Concentration at Est. 1-3' Depth
Ethylbenzene (100-41-4)	7.9 mg/kg
Xylene, tota (1330-20-7)	22 mg/kg

**S - 15**

Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.38 mg/kg
Ethylbenzene (100-41-4)	35 mg/kg
Xylene, tota (1330-20-7)	78 mg/kg

**GP - 1A**

Compound	Concentration at 2-4' Depth
1,2,4 - Trimethylbenzene (95-63-6)	55 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	7.0 mg/kg
Vinyl Chloride (75-01-4)	0.039 mg/kg
Tetrachloroethylene	0.192 mg/kg

**GP - 4A**

Compound	Concentration at 4-6' Depth
1,2,4 - Trimethylbenzene (95-63-6)	3.07 mg/kg

**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. Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided. Any section of the form not relevant to the case closure request must be fully filled out or explained on a separate page and attached to the relevant section of this form. 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.).

**Site Information**

BRRTS No. 02-41-000033		Parcel ID No. 242020100 / 233-1180-000 / 233-1181-000	
BRRTS Activity (Site) Name Spic & Span Inc.		WTM Coordinates X 69180 Y 293458	
Street Address 4301 North Richards Street		City Milwaukee / Glendale	State ZIP Code WI 53212
Responsible Party (RP) Name Robert Miller			
Company Name Spic & Span Inc.			
Street Address 4301 North Richards Street		City Milwaukee	State ZIP Code WI 53212
Phone Number (414) 964-5050		Email rmiller@spicandspan.com	

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

Environmental Consultant Name Edward Diesch			
Consulting Firm GRAEF			
Street Address 125 S 84th Street, Suite 401		City Milwaukee	State ZIP Code WI 53214
Phone Number (414) 259-1500		Email ed.diesch@graef-usa.com	
Acres Ready For Use 2.14		Voluntary Party Liability Exemption Site? <input type="radio"/> Yes <input checked="" type="radio"/> No	

**Fees and Mailing of Closure Request**

*If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.*

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 Environmental Program Associate at <http://dnr.wi.gov/topic/Brownfields/Contact.html>. Check all fees that apply:

- \$1,050 Closure Fee  \$300 Database Fee for Soil  
 \$350 Database Fee for Groundwater or Other Condition (MW Not Abandoned)

Total Amount of Payment \$ \$1,700.00

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 section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may 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 an industrial site, in a mixed commercial / industrial/ residential area. located in Milwaukee and Glendale.
- B. **Prior and current site usage:** Specifically describe the current and historic occupancy and types of use.  
The site was previously owned by Square D. Spic & Span has run a garment cleaning operation since the site was purchased.
- C. **Describe how and when site contamination was discovered.**  
December 1987, contamination was discovered as part of a tank closure assessment, and reported in a site investigation report dated September 1988.
- D. **Describe the type(s) and source(s) or suspected source(s) of contamination.**  
Soil and groundwater were contaminated with Volatile Organic Compounds (VOCs). A source for the release was not listed in historical documents. The source was either the tank or piping.
- E. **Other relevant site description information (or enter Not Applicable).**  
Not Applicable.
- F. **List BRRTS activity site name and number for all other BRRTS activities at this property, including closed cases.**  
Spic & Span Inc. 02-41-000033 open, 03-41-559767 closed LUST, 09-41-523700 no action required.
- G. **List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to this site, and those impacted by contamination from this site.**  
Dahlman Construction Co. 03-41-001299 LUST Closed, Dahlman Construction 03-41-003776 LUST Closed.
- H. **Current zoning (e.g. industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).**  
M-1 Warehouse, Light Manufacturing, Office & Service.

#### 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 soils at the site can be described as approximately three to four feet of fill over silty clayey glacial sediments. The fill can be grouped into two types of materials, and these are (1) fill dominated by sands and silts and (2) fill dominated by sandy clay. The average water table is at a depth of approximately four feet below grade and is within the fill materials.
  - ii. **Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.**  
The contaminants are primarily located in fill material consisting of clay, bricks, concrete, silt from depth from two to four feet BGS. The estimated lateral extent is approximately 200 feet east-west and 100 feet north south.
  - iii. **Depth to bedrock, bedrock type, and whether or not it was encountered during the investigation.**  
30 feet BGS to bedrock (Dolomite), bedrock was not encountered during the investigation.
  - 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).**  
Natural vegetation and a gravel drive on the west side of property, the building, asphalt, gravel and landscaped areas east side of the property.
- B. **Groundwater**
  - i. **Discuss depth to groundwater and piezometric elevations.** Describe and explain depth variations, and whether free product affects measurement or water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.  
Depth to groundwater is from 3.5' to 5.8' BGS. There is no free product at the site. Sandy silt (fill), sandy clay, sandy clay(fill) is present at the water table.

- ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.  
Flow direction to the north / northwest. There is no fracture flow.
- iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.  
Groundwater flow is to the north / northwest. Additional information was not collected because there are no sensitive groundwater receptors in close proximity to the area of groundwater impact, and groundwater contaminants are limited in extent. See Figures B.3.b and B.3.c.
- iv. Identify and describe locations/distance of potable and/or municipal Wells within 1200 feet of the site.  
The site is on city water, there are no wells within 1200 feet of the site.

### 3. Site Investigation Summary

#### A. General

- i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.  
Site investigation report dated September 1988. Test trenching, hand augers, soil borings, and monitoring well installation, and groundwater sampling. January 27, 2015 four geoprobe borings were advanced to define the extent of soil contamination, and for direct contact soil sample collection. A temporary monitoring well was installed in GP-1 to the east to better define the extent of the groundwater contamination.
- ii. Identify whether contamination extends beyond the source property boundary, describe the off-site media (e.g., soil, groundwater, etc.) impacted, and the vertical and horizontal extent of off-site impacts.  
Soil contamination may extend off site to the north above the generic RCL for protection of groundwater for benzene, ethylbenzene, and xylene. The horizontal extent is not defined but can be reasonably assumed to be very limited (see Figure B.2.c) and the vertical extent can also be assumed to be limited to about 6 feet BGS. Groundwater contamination may extend off the property to the north above the PAL for vinyl chloride and benzene (see Figure B.3.b).
- 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.  
There were no structural impediments to complete the site investigation.

#### B. Soil

- i. Describe degree and extent of soil contamination at and from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways.  
GP-3A had 1,2,4-trimethylbenzene were detected above the industrial RCL for direct contact in a very limited area (see Figure B.2.c). Soil contamination above the groundwater pathway levels is present in an area surrounding the source that extends roughly 200 feet east-west and 100' north-south. Detected soil contaminants are typical compounds detected from a waste solvent tank.
- ii. Describe the level and types of soil contaminants found in the upper four feet of the soil column.  
The soil sample from GP-3A contained 1,2,4-trimethylbenzene above the industrial RCL for direct contact. VOCs below the RCL for direct contact remain in the upper four feet of soil, containing Benzene, Ethylbenzene, Naphthalene, Toluene, 1,2,5-Trimethylbenzene, Vinyl Chloride, and Xylene.
- 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 soil cleanup standard used for the protection of groundwater quality is based on the generic RCL from s. NR 720.10. The soil cleanup standard used for the protection of human health from direct contact is based on the generic RCL from s. NR 720.10 for industrial sites. Natural attenuation will contain and remediate the contaminants present. The area of soil that exceeds the direct contact RCL will be covered with a six inch thick recycled concrete barrier. The site has a chain link fence to limit access to the area.

#### C. Groundwater

- i. Describe degree and extent of groundwater contamination at or from this site. 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.  
Benzene and vinyl chloride were detected in the groundwater at concentrations just above the Enforcement Standard in

the area of MW-1. Vinyl chloride was detected above the ES in the most recent groundwater sample from MW-3, MW-4 and MW-5. The estimated area of contamination above the ES extends around the former waste solvent tank approximately 200 feet east-west and 100 feet north-south (see Figure B.3.b.). There are no significant migration pathways in the area.

- ii. Describe the presence of free product at the site, including the thickness, depth, and locations.  
There is no free product at the site.

#### D. Vapor

- i. Describe how the vapor migration pathway was assessed, including locations where vapor or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.  
There are no utilities or conduits on the west side of the building for the vapors to migrate to. The building is slab on grade and footings and the concrete is in good condition. There was an area on the northwest side of the building interior where two stoddard solvent tanks were removed. The WDNR requested vapor sample be collected from the former tank area. On June 3, 2015, three sub slab vapor samples were collected and one background were collected with SUMMA cannisters. All subsurface samples were below the Indoor Air Vapor Action Levels and Vapor Screening levels (VALs, VRSLs). The WDNR WI vapor quick look table for large commercial / industrial sites were used for action levels based on the VALs, and the VSRLs.
- ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).  
The WDNR WI vapor quick look tables for large commercial / industrial sites was used for action levels and land use classification. 1,2,4 - Trimethylbenzene, toluene and xylene were detected in this study, the highest concentrations were less than 1/100th of the Sub-Slab Vapor VRSLs from the WDNR Quick Look-Up Table.

#### 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.  
There is no sediment or surface water on site. Rain water infiltrates into the ground.
- 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.  
There are no sediment or surface water issues 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.

In December 1987, contamination was discovered as part of a tank closure assessment, and reported in a site investigation report dated September 1988.

January 27, 2015 four geoprobe borings were advanced to define the extent of soil contamination, and for direct contact soil sample collection. A temporary monitoring well was installed in GP-1A/MW-5 to the east to better define the extent of the groundwater contamination. November 10, 2015 groundwater samples were collected and groundwater elevations were collected to update analytical data and groundwater flow data.

- B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.  
A site investigation was completed and soil removed in 1988. Detailed records are not available; however, the work was likely completed under ch NR 708.
- C. Describe the active remedial actions taken at the site, including: type of remedial system(s) used for each media impacted; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.

No remedial system installed.

- D. Provide a discussion of the nature, degree and extent of residual contamination that will remain at the site or on off-site affected properties after case closure.

Soil with 1,2,4 trimethylbenzene at concentrations above the generic industrial RCL for the direct contact pathway remains in a very limited area (roughly 200 square feet) surrounding GP-3A and the source (see Figure B.2.c.). Soil with solvents at concentrations above the RCL for protection of groundwater remain in an area around the source (approximately 200 feet by 100 feet). The area is estimated to extend to a very limited extent off site to the north. Groundwater with concentrations of solvents above the ES remains in a similar area around the source (approximately 200 feet by 100 feet). The area is estimated to extend to a very limited extent off site to the north.



- E. Describe the remaining soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds Residual Contaminant Levels established under s. NR 720.12, the ch. NR720, Wis. Adm. Code, for protection of human health from direct contact.  
 Low level soil contamination remains above the generic RCLs for 1,2,4- trimethylbenzene in in the soil surrounding GP-3A (see Figure B.2.c.).
- F. Describe the remaining soil contamination in the vadose zone that attains or exceeds the soil standard(s) for the groundwater pathway.  
 Soil with solvents at concentrations above the RCL for protection of groundwater remain in an area around the source (approximately 200 feet by 100 feet). The area is estimated to extend to a very limited extent off site to the north (see Figure B.2.c.).
- G. 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.  
 The direct contact pathway is addressed by the recycled concrete barrier. Over time natural attenuation will reduce the concentrations of the contaminants remaining in the soil and in the groundwater.
- H. 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).  
 All of the compounds detected are amenable to natural attenuation and the data collected indicates the concentrations are stable or decreasing. In the present state, the detected compounds do not present a risk to human health and the environment, and the concentrations of these compounds will only decrease with time.
- I. Identify how all exposure pathways were removed and/or adequately addressed by immediate and/or remedial action(s) described above in paragraphs, B, C, D, E and F.  
 The direct contact pathway is addressed by the recycled concrete barrier. Over time, natural attenuation will reduce the the concentrations of all of the contaminants.
- J. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.  
 None.
- K. 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.  
 MW-1, MW-3, MW-4, and MW-5 have concentration of benzene and/or vinyl chloride above the ES, although concentrations in MW-3 and MW-4 are very low. The overall concentrations are very low, the area is limited and it is not a source of drinking water. As such, the compounds detected do not pose a risk to human health and/or the quality of the environment.
- L. 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.  
 Action levels for vapor intrusion were not exceeded.
- M. 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.  
 There are no sediment or surface water issues at the site.

**5. Continuing Obligations: Situations where a maintenance plan(s) and inclusion on DNR's GIS Registry are required.**

Directions: Check all that apply to this case closure request:

	This scenario Applies to this Case Closure		Case Closure Scenario: Maintenance Plans and GIS Registry	Maintenance Plan (s) Required in Attachment D	GIS Registry Listing
	A. On-Site	B. Off-Site			
i.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Engineering Control/Barrier for Direct Contact	✓	✓
ii.	<input type="checkbox"/>	<input type="checkbox"/>	Engineering Control/Barrier for Groundwater Infiltration	✓	✓
iii.	<input type="checkbox"/>	<input type="checkbox"/>	Vapor Mitigation - post closure passive system	✓	✓
iv.	<input type="checkbox"/>	<input type="checkbox"/>	Vapor Mitigation - post closure active system	✓	✓
v.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None of the above scenarios apply to this case closure	NA	NA

**6. Continuing Obligations: Situations where inclusion on DNR's GIS Registry is required.**

Directions: Check all that apply to this case closure request:

	This scenario Applies to this Case Closure		Case Closure Scenario: GIS Registry Only	GIS Registry Listing
	A. On-Site	B. Off-Site		
i.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Residual soil contamination exceeds ch. NR 720 generic or site-specific RCLs	✓
ii.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Sites with groundwater contamination equal to or greater than the ch. NR 140, enforcement standards (ES)	✓
iii.	<input type="checkbox"/>	<input type="checkbox"/>	Monitoring wells: lost, transferred or remaining in use	✓
iv.	<input type="checkbox"/>	<input type="checkbox"/>	Structural Impediment (not as a performance standard)	✓
v.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination remaining at ch. NR 720 Industrial Use levels	✓
vi.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vapor intrusion may be future, post-closure issue if building use or land use changes	✓
vii.	<input type="checkbox"/>	<input type="checkbox"/>	None of the above scenarios apply to this case closure	NA

**7. 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. SPS 310, Wis. Adm. Code, exist on the property?  Yes  No
- C. If the answer to question 7b is yes, is the leak detection system currently being monitored?  Yes  No

**Data Tables (Attachment A)**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

**General directions for Data Tables:**

- Use bold and italics font on information of importance on tables and figures. Use bold font for ch. NR 140, Wis. Adm. Code, groundwater enforcement standard (ES) attainments or exceedances, and italicized font for ch. NR 140, Wis. Adm. Code, groundwater preventive action limit (PAL) standard attainments or exceedances.
- 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. Pre-remedial Soil Analytical Table, etc).
- For required documents, each table (e.g., A.1., A.2., etc.,) should be a separate 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, any potable wells and any other wells, extraction wells and any potable wells for which samples have been collected.
- A.2. **Pre-remedial Soil Analytical Table(s):** Table(s) showing the soil analytical results and collection dates - prior to conducting the interim and/or remedial action. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).
- A.3. **Post-remedial Soil Analytical Table(s):** Table(s) showing the post-remedial action soil analytical results and collection dates. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).
- A.4. **Pre and Post Remaining Soil Contamination Soil Analytical Table(s):** Table(s) showing only the pre and post remedial action soil analytical results that exceed a Residual Contaminate Level (RCL) or a Site-Specific Residual Level (SSRCL).
- A.5. **Vapor Analytical Table:** 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

Save...



and results of communication testing.

- A.6. **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, time period for sample collection, method and results sampling.
- A.7. **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.8. **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 and Figures (Attachment B)

*If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.*

#### General Directions for all Maps and Figures:

- If any map or figure is not relevant to the case closure request, you must fully explain the reason(s) why and attach that explanation (properly labeled with the map/ figure title) in Attachment B.
- 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 11x17 inches, in a portable document format (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.
- Do not use shading or highlights on any of the analytical tables.
- 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.

#### B.1. Location Maps

- B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all impacted 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 on-site and applicable off-site 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 exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code.
- B.1.c. **RR Site Map:** From RR Sites Map ([http://dnrmaps.wi.gov/si/?viewer=RR Sites](http://dnrmaps.wi.gov/si/?viewer=RR%20Sites)) 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. **Pre-remedial Soil Contamination:** Figure(s) showing the sample location of all pre-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeded a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code.
- B.2.b. **Post-remedial Soil Contamination :** Figure(s) showing the sample location of all post-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.
- B.2.c. **Pre/Post Remaining Soil Contamination:** Figure(s) showing the only location of all pre and post remedial residual soil sample location(s) where unsaturated contaminated soil remains after remediation and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) established in accordance with the provisions contained in s. NR 720.10 or s. NR 720.12, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.

#### 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 a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).
- Source location(s) and lateral and vertical extent if groundwater contamination exceeds a ch. NR 140 Enforcement Standard (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.1b)

**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, Preventive Action Limit (PAL) and/or an Enforcement Standard (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 previously 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 remaining soil and groundwater contamination, including sub-slab, indoor air, soil vapor, 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)

#### **Documentation of Remedial Action (Attachment C)**

*If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.*

##### **General Directions:**

- 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 is "not applicable" to the site-specific circumstances, include a brief explanation to support that conclusion.
- If the documentation requested below has already been submitted to the Department, please note the title and date of the report for that particular document requested.

**C.1. Site investigation documentation,** that has not otherwise been previously submitted.

**C.2. Investigative waste disposal documentation.**

**C.3. Provide a description of the methodology used along with all supporting documentation if the Residual Contaminant Levels are different than those contained in the Department's RCL Spreadsheet available at: <http://dnr.wi.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 upon receiving conditional closure.

**C.6. Photos.** For sites 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 should be visible and discernible. Photographs must be labeled with the site name, the features shown, location and the date on which the photograph was taken.

**C.7. Other.** Include any other relevant documentation not otherwise noted above. (This section may remain blank)

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



If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

When one or more "maintenance plans" are required for a site closure, include in each maintenance plan all required information listed below, and attach the plan(s) in Attachment D. The following "model" maintenance plans can be located at: (1) Maintenance plan for a engineering control or cover: <http://dnr.wi.gov/topic/Brownfields/documents/maintenance-plan.pdf>; and (2) Maintenance plan for vapor intrusion: [http://dnr.wi.gov/topic/Brownfields/documents/appendix5\\_806.pdf](http://dnr.wi.gov/topic/Brownfields/documents/appendix5_806.pdf).

- D.1. **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) and all property boundaries.
- D.2. **Brief descriptions** of the type, depth and location of residual contamination.
- D.3. **Description of maintenance action(s)** required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter.
- D.5. **Contact information**, including the name, address and phone number of the individual or facility who will be conducting the maintenance.
- D.6. **Photographs**
  - D.6.a. 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.
  - D.6.b. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.

**Monitoring Well Information (Attachment E)**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

**General Directions:**

Attach monitoring well construction and development forms (DNR FORM 4400-113 A and B: [http://dnr.wi.gov/topic/groundwater/documents/forms/4400\\_113\\_1\\_2.pdf](http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf)) for all wells that will remain in-use, be transferred to another party or that could not be located. A figure of these wells should be included in Attachment B.3.d.

**Select One:**

- No monitoring wells were required 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 description of efforts made to locate the "lost" wells.
  - One or more 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).
  - 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.

**Notifications to Owners of Impacted Properties (Attachment F)**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

**General Directions:**

- State law requires that the responsible party provide a 30-day, written advance notice (i.e., a letter) 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 of Form 4400-286, Notification of Residual Contamination and Continuing Obligations, is required under ch. NR 725 for notifying property owners and right-of-way holders about residual contamination affecting their properties, and of continuing obligations which may be imposed. This form can be downloaded at <http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf>.

Check all that apply to the site-specific circumstances of this case closure:

	A. Impacted Source Property and Owner is not Conducting Cleanup	B. Impacted Right of Way	C. Impacted Off-Site Property Owner	Impacted Property Notification Situations: Ch. NR 726 Appendix A Letter
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Residual groundwater contamination exceeds Ch. NR 140 Wis. Administrative Code enforcement standards.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Residual soil contamination that attains or exceeds standards is present after the remedial action is complete, and must be properly managed should it be excavated or removed.
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	An engineered cover or a soil barrier (e.g. pavement) must be maintained over contaminated soil for direct contact or groundwater infiltration concerns.
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Industrial land use soil standards were used for the clean-up standard.
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A vapor mitigation system (or other specific vapor protection) must be operated and maintained.
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vapor assessment needed if use changes.
7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Structural impediment.
8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lost, transferred or open monitoring wells.
9.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable.

If any of the previous boxes in rows 1 thru 8 were checked, include the following as part of Attachment F:

- FORM 4400-246;
- Copy of each letter sent, 30 days or more prior to requesting closure; and
- Proof of receipt for each letter.
- For this site closure, 1 (number) property (ies) has/have been impacted, the owners have been notified, and copies of the letters and receipts are included in Attachment F.

**Source Legal Documents (Attachment G)**

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Include all of the following documents, in this order, in Attachment G:

- Deeds - Source Property and Other Impacted Properties:** The most recent deed with legal descriptions clearly labeled for (1) the **Source Property** (where the contamination originated) and (2) all **off-source** (off-site) properties where letters were required to be sent per the ch. NR 700, Wis. Adm. Code, rule series (e.g., off-site cover maintenance required, lost monitoring well, off-site cover property impacts to groundwater exceeding the ch. NR 140, Wis. Adm. Code).  
*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. (Lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
- 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 that the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

Signatures and Findings for Closure Determination

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Check the correct box for this case closure request, and have either a professional engineer or a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code, sign this document.

[X] A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies).

[X] The response action(s) for this site addresses media other than groundwater.

Engineering Certification

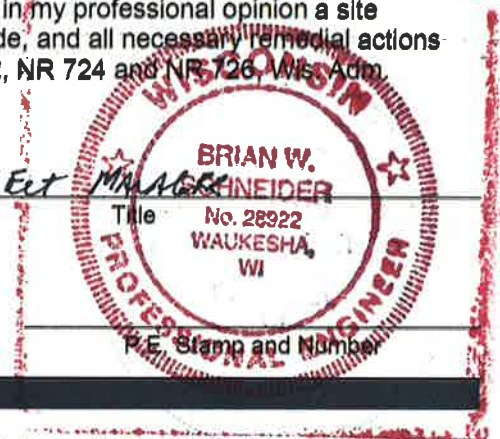
I BRIAN SCHNEIDER hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this case closure request has been prepared by me or prepared under my supervision in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

BRIAN SCHNEIDER Printed Name

PROJECT MANAGER Title

[Signature] Signature

7/18/16 Date



Hydrogeologist Certification

I hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared by me or prepared by me or prepared under my supervision and, in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Printed Name

Title

Signature

Date

## Attachment A

### Data Tables



# TABLE A1A

## Groundwater Sample Laboratory Analytical Results

SPIC & SPAN  
WATER SAMPLE ANALYSES RESULTS (ppb)  
JULY 1988

VOC'S	SAMPLE ID NUMBER						EPA CRITERIA FOR WATER	
	MW-1	MW-1A*	MW-2	MW-3	MW-4D	FLD BLNK (FB-1)		
CHLOROMETHANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		
BROMOETHANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		
VINYL CHLORIDE	37	28	<10.0	11	<10.0	<1.0	2.0 (1)	0.015 (5)
CHLOROETHANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		-
METHYLENE CHLORIDE	6.0	<10.0	<10.0	<10.0	<10.0	3.0		1750 (4)
ACROLEIN	<10.0	<100.0	<100.0	<100.0	<100.0	<10.0		
ACRYLONITRILE	<10.0	<100.0	<100.0	<100.0	<100.0	<10.0		
1,1-DICHLOROETHENE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		7.0 (1)
1,1-DICHLOROETHANE	1.0	<10.0	<10.0	<10.0	<10.0	<1.0		-
1,2-DICHLOROETHENE (TOTAL)	50	48	6J	42	17	<1.0		70 (3)
CHLOROFORM	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		30.0 (2)
1,2-DICHLOROETHANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		5.0 (1)
1,1,1-TRICHLOROETHANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		200.0 (1)
CARBON TETRACHLORIDE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		5.0 (1)
BROMODICHLOROMETHANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		
1,2-DICHLOROPROPANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		6.0 (3)
TRANS-1,3-DICHLOROPROPENE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		-
TRICHLOROETHENE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		5.0 (1)
DIBROMOCHLOROMETHANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		-
1,1,2-TRICHLOROETHANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		-
BENZENE	23	21	<10.0	<10.0	<10.0	<1.0	5.0 (1)	0.67 (5)
CIS-1,3-DICHLOROPROPENE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		-
2-CHLOROETHYL VINYL ETHER	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		-
BROMOFORM	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		-
TETRACHLOROETHENE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		0.0 (3)
1,1,2,2-TETRACHLOROETHANE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		-
TOLUENE	73	74	<10.0	<10.0	<10.0	5.0	2000 (3)	343.0 (5)
CHLOROBENZENE	<1.0	<10.0	<10.0	<10.0	<10.0	<1.0		60.0 (3)
ETHYLBENZENE	40	35	<10.0	<10.0	<10.0	<1.0		680.0 (3)
M-XYLENE	67	87	<10.0	<10.0	<10.0	<1.0		620 (5)
O,P-XYLENE**	96	110	<10.0	32	<10.0	<1.0		620 (5)
=====								
SULFATE	<13000	13000	24000	20000		<10000		250000 (1)
TOTAL DISSOLVED SOLIDS	4200000	4100000	1100000	1200000	NT	<10000		500000 (1)
TOTAL KJELDAHL NITROGEN	18000	23000	15000	4000		500		
TOTAL PHOSPHORUS	1600	2200	1800	1200		<400		

\* = DUPLICATE SAMPLE TAKEN AT MW-1  
 \*\* = INDISTINGUISHABLE ISOMERS  
 NT = NOT TESTED  
 (1)= Maximum Contaminant Level  
 (2)= World Health Organization Guideline  
 (3)= Recommended Maximum Contaminant Level  
 (4)= Lifetime Health Advisory  
 (5)= NR 140.10 (Wisconsin DNR)

#101SPIC&SPAN/VOCWTR.WK1

Table A1B  
Groundwater Analytical Results  
Spic and Spand, Inc.  
4301 North Richards Street  
Milwaukee, WI

VOCs (ug/l) Method 8260	WDNR PAL	WDNR ES	MW-1	MW-1	MW-1	MW-1	MW-2	MW-2	MW-2	MW-3	MW-3	MW-3	MW-3	MW-4	MW-4	MW-4	MW-4	GP-1A/ MW-5	GP-1A/ MW-5
			3/11/2004	1/29/2013	6/26/2013	11/10/2015	3/11/2004	1/29/2013	6/26/2013	3/11/2004	1/29/2013	6/26/2013	11/10/2015	3/11/2004	1/29/2013	6/26/2013	11/10/2015	1/27/2015	11/10/2015
Benzene	0.5	<b>5</b>	<b>14</b>	<b>5.56</b>	3.18	<b>10.3</b>	0.56	<2.0	0.41	0.33	0.58	0.33	<0.44	0.52	0.52	0.13	0.77J	<4.4	<4.4
sec-Butylbenzene	NS	<b>NS</b>	8	NT	NT	27.2	5.7	NT	NT	6	NT	NT	13.1	7.5	NT	NT	13.1	38 j	21.6J
Chlorobenzene	NS	<b>NS</b>	1.4	0.62	0.34	2.09	ND	<2.0	<0.400	ND	<2.0	0.12	<0.46	ND	<2.0	<0.400	<0.46	<4.6	<4.6
1,2-Dichlorobenzene	60	<b>600</b>	2.4	NT	NT	4.4	0.21	NT	NT	0.23	NT	NT	1J	0.64	NT	NT	1.11J	<4.6	<4.6
cis-1,2-Dichloroethene	7	<b>70</b>	6.9	<3.72	0.28	0.69J	1.1	<3.72	0.35	ND	<3.72	0.54	0.68J	1.1	<3.72	3.24	0.51J	6.5 j	7.5J
trans-1,2-Dichloroethene	10	<b>100</b>	1.5	<2.0	0.486	1.38J	1.3	<2.0	1.01	0.65	0.98	0.976	0.71J	1.1	0.84	0.755	1.06J	<5.4	<5.4
Ethylbenzene	70	<b>700</b>	19	5.03	2.90	6.30	1	0.8	1.02	1.1	2.99	2.88	2.32	1.5	<2.0	<0.400	<0.71	19 j	7.5J
Isopropylbenzene	NS	<b>NS</b>	10	NT	NT	32	3.5	NT	NT	2.7	NT	NT	11.4	4.7	NT	NT	6	30.7	15.5
p-Isopropyltoluene	NS	<b>NS</b>	6.3	NT	NT	<1.1	ND *	NT	NT	ND *	NT	NT	<1.1	ND *	NT	NT	<1.1	<11	<11
Naphthalene	10	<b>100</b>	5.1	NT	NT	<1.6	ND *	NT	NT	ND *	NT	NT	<1.6	ND *	NT	NT	<1.6	<16	<16
n-Propylbenzene	NS	<b>NS</b>	21	NT	NT	74	5.3	NT	NT	4.1	NT	NT	27.6	7.3	NT	NT	2.01J	88	48
Toluene	80	<b>800</b>	7.9	1	0.058	2.33	0.4	<2.0	14.8	0.29	0.47	0.523	0.47J	ND	<2.0	0.12	<0.44	<4.4	<4.4
Trichloroethene	0.5	<b>5</b>	ND	<2.0	<0.400	<0.47	0.27	<2.0	0.20	ND	<2.0	<2.00	<0.47	ND	<2.0	<2.00	<0.47	<4.4	<4.7
1,2,4-Trimethylbenzene	48	<b>480</b>	130	NT	NT	185	69	NT	NT	44	NT	NT	167	0.65	NT	NT	<1.6	<b>790</b>	<b>300</b>
1,3,5-Trimethylbenzene	Above	<b>Above</b>	30	NT	NT	<1.5	0.34	NT	NT	ND	NT	NT	<1.5	ND	NT	NT	<1.3	37 j	<15
Vinyl Chloride	0.02	<b>0.2</b>	<b>5</b>	<2.0	<0.400	<b>1.74</b>	<b>2.3</b>	<2.0	<0.400	<b>0.28</b>	<2.0	<0.400	<b>0.6</b>	<b>0.53</b>	<2.0	<0.400	<b>0.43J</b>	<b>6.2</b>	<b>6.1</b>
Xylenes	200	<b>2,000</b>	62	8.2	4.06	<3.79	1.8	1.5	1.75	ND	<6.0	1.3	3.36	ND	<6.0	<1.20	3.1	<31	<31

Notes:

NS No Standard

ND \* No Detection Note: original lab data is not available

NT Not tested

j = Analyte detected below LOD and LOQ

**ES Exceedances Are In Bold Italics**

# TABLE A2A

## Preremedial Soil Analytical Results

SPIC & SPAN PLANT  
WASTE SOLVENT TANK INVESTIGATION  
SOIL AND GROUND WATER SAMPLE RESULTS  
DECEMBER 1987

	SOIL COMPOSITE FROM PIT (P3-1)	TEMPORARY WELLPOINT (WATER)	SOIL BORING 1 (3')	SOIL BORING 2 (3')
BENZENE	X	X		X
BROMOFORM	X	X		X
BROMOMETHANE	X	X		X
CARBON TETRACHLORIDE	X	X		X
CHLOROBEZENE	X	X		X
CHLOROETHANE	X	X		X
2-CHLOROETHYLVINYL ETHER	X	X		X
CHLOROFORM	X	X		X
CHLOROMETHANE	X	X		X
DIBROMOCHLOROMETHANE	X	X		X
1,2-DICHLOROBENZENE	X	X		X
1,3-DICHLOROBENZENE	X	X		X
1,4-DICHLOROBENZENE	X	X		X
DICHLOROBROMOMETHANE	X	X		X
1,1-DICHLOROETHANE	X	X		X
1,2-DICHLOROETHANE	X	X		X
1,1-DICHLOROETHYLENE	X	X		X
1,2-DICHLOROETHYLENE	X	18.0		X
DICHLOROMETHANE	X	X		X
1,2-DICHLOROPROPANE	X	X		X
cis-1,3-DICHLOROPROPENE	X	X		X
TRANS-1,3-DICHLOROPROPENE	X	X		X
ETHYLBENZENE	X	70.0		X
1,1,2,2-TETRACHLOROETHANE	X	X		X
TETRACHLOROETHYLENE	X	X		X
TOLUENE	10.9	32.3		X
1,1,1-TRICHLOROETHANE	X	X		X
1,1,2-TRICHLOROETHANE	X	X		X
TRICHLOROETHYLENE	X	X		X
VINYL CHLORIDE	X	X		X
TRICHLOROFLOUROMETHANE	X	X		X
DICHLOROFLOUROMETHANE	X	X		X
M-XYLENE	59.4	191.0		5.3
O & P-XYLENE	26.7	37.6		X
SILVER	1.61			
ANTIMONY	X			
ARSENIC	26.1			
BERYLLIUM	0.37			
CADMIUM	4.26			
CHROMIUM	54.8			
COPPER	89.0			
MERCURY	0.34			
NICKEL	59.7			
LEAD	810			
SELENIUM	14.2			
THALLIUM	X			
ZINC	249			
OIL & GREASE		2190.		
<b>EP TOXICITY ANALYSIS</b>				
=====				
SILVER	X		X	
ARSENIC	X		0.21	
BARIUM	0.438		0.431	
CADMIUM	0.013		X	
CHROMIUM	0.024		X	
MERCURY	X		X	
LEAD	0.119		0.082	
SELENIUM	X		X	
pH	7.6		7.0	
REACTIVE SULFIDE	X		X	
FLAME TEST (FLAMMABILITY)	b		a	
PHENOLS	X	0.170		
CYANIDE	0.76			
=====				
X = ANALYZED, BUT NOT DETECTED				
a = NONFLAMMABLE SAMPLE WOULD NOT IGNITE IN OPEN FLAME				
b = IGNITABLE BUT EXTERNAL HEAT SOURCE REQUIRED TO MAINTAIN BURNING				
(EP)= EP TOXICITY EXTRACTION ANALYSIS RESULTS				

101SPIC & SPAN/TABLE1.WK1



# TABLE A2B

## Preremedial Soil Analytical Results

SPIC & SPAN  
TEST PIT INVESTIGATION  
SOIL AND WATER SAMPLE ANALYSES RESULTS (ppm)  
MAY 1988

PARAMETER	SOIL SAMPLE					WATER		
	S5	S7	S8	S13	S15	S10W	S13W	S17W
<b>METALS</b> =====								
ARSENIC	1.7	2.3	4.1	2.7	3.8			
CADMIUM	5.4	2.0	2.2	2.1	1.8			<0.01
CHROMIUM	97	12	12	12	42			<0.01
LEAD	830	13	9.8	8.7	870			<0.1
MERCURY	0.094	0.12	0.035	0.040	0.017			
NICKEL	180	13	18	18	4.4			
 <b>ORGANICS</b> =====								
TOTAL ORGANIC CARBON	8400	5300	3700	9600	28000			
BENZENE	1.9	0.075	0.003	0.025	0.38	0.15	<0.002	
BROMOFORM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CARBON TETRACHLORIDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CHLOROBENZENE	<0.001	0.017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CHLORODIBROMOMETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CHLOROETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-CHLOROETHYL VINYL ETHER	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CHLORORFORM	0.17	0.006	0.008	0.007	<0.001	<0.001	<0.001	<0.001
DICHLOROBROMOMETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
DICHLORODIFLUOROMETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-DICHLOROETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-DICHLOROETHANE	<0.001	0.003	0.003	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-DICHLOROETHYLENE	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-DICHLOROPROPANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
DICHLOROPROPYLENE (MIXED)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
ETHYLBENZENE	21	15	7.9	9.8	35	<0.002	<0.002	
METHYL BROMIDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
METHYL CHLORIDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
METHYLENE CHLORIDE	0.07	0.006	0.005	0.006	0.028	<0.001	<0.001	<0.001
1,1,2,2-TETRACHLOROETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TETRACHLOROETHYLENE	0.037	<0.001	<0.001	<0.001	0.32	0.018	<0.001	<0.001
TOLUENE	1.3	0.35	0.16	0.14	<0.001	0.25	<0.002	
1,2-TRANS-DICHLOROETHYLENE	2.6	0.003	0.002	<0.001	0.15	0.25	<0.001	<0.001
1,1,1-TRICHLOROETHANE	0.07	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-TRICHLOROETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TRICHLOROETHYLENE	0.018	<0.001	<0.001	<0.001	0.04	0.006	<0.001	<0.001
TRICHLOROFUOROMETHANE	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
VINYL CHLORIDE	1.1	<0.001	<0.001	<0.001	<0.001	0.018	<0.001	<0.001
XYLENE	61	46	22	23	78	48	0.510	
SULFATE								90
TOTAL DISSOLVED SOLIDS								2000
NITRATE NITROGEN								<0.05
TOTAL KJELDAHL NITROGEN								8.8
TOTAL PHOSPHORUS								1.1

101 SPIC&SPAN/TABLE1.WK1

# TABLE A2C

## Preremedial Soil Analytical Result

SPIC & SPAN  
SOIL SAMPLES COLLECTED DURING DRILLING  
JULY 1988

	B1 (2')	B1 (4')	B1 (6')	B1 (8')	B1 (10')	B1 (15')	B1 (20')	B1 (25')	B1 (30')
BENZENE	0.03	0.03	0.07	0.007	0.006	0.003	0.004	0.004	<0.002
BROMOFORM	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CARBON TETRACHLORIDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CHLOROBENZENE	<0.001	<0.001	0.12	0.007	<0.001	<0.001	<0.001	<0.001	<0.001
CHLORODIBROMOMETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CHLOROETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Z-CHLOROETHYL VINYL ETHER	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
CHLOROFORM	<0.001	<0.001	<0.001	0.006	<0.001	0.009	0.008	0.004	0.013
DICHLOROBROMOMETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
DICHLORODIFLUOROMETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-DICHLOROETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-DICHLOROETHANE	<0.001	<0.001	<0.001	0.010	<0.001	0.007	<0.001	<0.001	<0.001
1,1-DICHLOROETHYLENE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-DICHLOROPROPANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
DICHLOROPROPYLENE (MIXED)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
ETHYLBENZENE	1.2	0.97	<0.002	0.023	<0.002	<0.002	0.002	<0.002	<0.002
METHYL BROMIDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
METHYL CHLORIDE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
METHYLENE CHLORIDE	0.008	0.007	0.03	0.037	<0.001	0.045	0.02	0.005	0.14
1,1,2,2-TETRACHLOROETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TETRACHLOROETHYLENE	0.014	0.010	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TOLUENE	0.030	0.04	0.024	0.003	0.002	<0.002	<0.002	<0.002	<0.002
1,2-TRANSDICHLOROETHYLENE	0.005	0.17	1.2	0.004	<0.001	0.003	<0.001	0.005	<0.001
1,1,1-TRICHLOROETHANE	<0.001	0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-TRICHLOROETHANE	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TRICHLOROETHYLENE	0.002	0.005	0.006	0.002	<0.001	<0.001	<0.001	<0.001	<0.001
TRICHLOROFUOROMETHANE	<0.001	0.013	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001
VINYL CHLORIDE	<0.001	0.050	0.27	<0.001	<0.001	<0.001	<0.001	<0.001	0.006

101SPIC&SPAN/TABLE3.WK1

## Attachment A3

Tables A-4-1 and A-4-2 will be used for both pre and post remaining soil contamination.



TABLE A.4-1.

PRE AND POST REMAINING SOIL CONTAMINATION ANALYTICAL TABLE  
Direct-Contact Exceedance - Hazard Risk from Soil Data

SPIC & SPAN  
4301 NORTH RICHARDS STREET  
MILWAUKEE, WISCONSIN

9805031SOILANAL.XLS

Analytical Parameter	Industrial Not To Exceed D-C RCL (mg/kg)	Non-Industrial Not To Exceed D-C RCL (mg/kg) For Reference Only	S5 1'-3' Est. May-88 mg/kg	S7 1'-3' Est. May-88 mg/kg	S8 1'-3' Est. May-88 mg/kg	S13 1'-3' Est. May-88 mg/kg	S15 1'-3' Est. May-88 mg/kg	B1 SS1 2' Jul-88 mg/kg	B1 SS2 4' Jul-88 mg/kg	GP-1A SS2 2-4' 1/27/2015 mg/kg	GP-2A SS2 2-4' 1/27/2015 mg/kg	GP-3A SS1 0-2' 1/27/2015 mg/kg	GP-3A SS3 4-6' 1/27/2015 mg/kg	GP-4A SS1 0-2' 1/27/2015 mg/kg	GP5 SS1 0-2' 11/10/2015 mg/kg	GP-6 SS1 0-2' 11/10/2015 mg/kg	GP-7 SS1 0-2' 11/10/2015 mg/kg	
<b>Volatile Organic Compounds (VOCs)(in ppm)</b> Analytical Method: US EPA (see columns)																		
Benzene (71-43-2)	7.41	1.49	1.9	0.075	0.003	0.025	0.38	0.03	0.03	<0.016	<0.16	<0.16	0.0273 j	<0.016	<0.016	<0.016	<0.016	
Ethylbenzene (100-41-4)	37	7.47	21	15	7.9	9.8	35	1.2	0.97	0.185	0.77 j	1.04	0.63	<0.027	<0.027	<0.027	0.176	
Methyl tert-butyl ether (1634-04-4)	293	59.4	NT	NT	NT	NT	NT	NT	NT	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025	<0.025	<0.025	
Naphthalene (91-20-3)	26	5.15	NT	NT	NT	NT	NT	NT	NT	0.099 j	3.6	3.1	1.07	<0.087	<0.087	<0.087	0.49	
Toluene (108-88-3)	818	818	1.3	0.35	0.16	0	<0.001	0.030	0.04	0.0311 j	<0.31	<0.31	0.061 j	<0.031	<0.031	<0.031	<0.031	
1,2,4-Trimethylbenzene (95-63-6)	219	89.8	NT	NT	NT	NT	NT	NT	NT	55	104	250	118	0.142 j	<0.085	0.084J	105	
1,3,5-Trimethylbenzene (108-67-8)	182	182	NT	NT	NT	NT	NT	NT	NT	7.0	46	31.6	19	<0.089	<0.12	<0.089	0.82	
Xylene, tota (1330-20-7)	258	258	61	46	22	23	78	<0.001	0.050	0.699 j	2.57 j	<0.99	1.285	<0.099	<0.099	<0.099	<0.099	
Vinyl Chloride (75-01-4)	2.03	0.067	1.1	<0.001	<0.001	<0.001	<0.001	NT	NT	0.039	<0.10	<0.10	<0.01	<0.01	<0.01	<0.01	<0.01	
Tetrachloroethylene	153	30.7								0.192	<0.54	<0.54	0.06 j	<0.054	<0.054	<0.054	<0.054	
Butylbenzene, n-	108	108								7.9	19.2	29	12.7	<0.086	<0.086	<0.086	3.4	
Butylbenzene, sec-	145	145								7.6	12.2	26.8	12	<0.036	<0.036	<0.036	4.1	
Butylbenzene, tert-	183	183								0.45	1.49	1.89	1.09	<0.035	<0.035	<0.035	0.251	
Isopropyltoluene, p-	162	162								4.9	14.3	17.6	6.3	<0.056	<0.056	<0.056	1.56	

EXPLANATION:

Industrial Direct Contact (D-C) Soil Residual Contamination Level (RCL) DNR

Remedial and Redevelopment Program

\*\*\* = No soil standards currently exist.

NT= not tested

Analyte (CAS Number)

ppm = parts per million

ppb = parts per billion

Exceedances of the RCL soil standards are **BOLD Italics**.

j =Analyte detected between LOD and LOQ

TABLE A.4-2.

PRE AND POST REMAINING SOIL CONTAMINATION ANALYTICAL TABLE  
Residual Contamination Levels Protective of Groundwater Quality

SPIC & SPAN  
4301 NORTH RICHARDS STREET  
MILWAUKEE, WISCONSIN

980503\SOIL\ANAL.XLS

Analytical Parameter	RCL-gw (mg/kg) DF=1	DF - 2.0	S5	S7	S8	S13	S15	B1	B1	GP-1A	GP-2A	GP-3A	GP-3A	GP-4A	GP-4A
			1'-3' Est. May-88 mg/kg	1'-3' Est. May-88 mg/kg	1'-3' Est. May-88 mg/kg	1'-3' Est. May-88 mg/kg	1'-3' Est. May-88 mg/kg	1'-3' Est. May-88 mg/kg	SS3 6' Jul-88 mg/kg	SS4 8' Jul-88 mg/kg	SS2 2-4' 1/27/2015 mg/kg	SS2 2-4' 1/27/2015 mg/kg	SS1 0-2' 1/27/2015 mg/kg	SS3 4-6' 1/27/2015 mg/kg	SS1 0-2' 1/27/2015 mg/kg
<b>Volatile Organic Compounds (VOCs)(in ppm)</b> Analytical Method: US EPA (see columns)															
Benzene (71-43-2)	0.0026	0.0051	1.9	0.075	0.003	0.025	0.38	0.07	0.007	<0.016	<0.16	<0.16	0.0273 j	<0.016	0.0263 j
Ethylbenzene (100-41-4)	0.785	1.57	21	15	7.9	9.8	35	<0.002	0.023	0.185	0.77 j	1.04	0.63	<0.027	0.55
Methyl tert-butyl ether (1634-04-4)	0.0135	0.027	NT	NT	NT	NT	NT	NT	NT	<0.025	<0.25	<0.25	<0.025	<0.025	<0.025
Naphthalene (91-20-3)	0.3291	0.6582	NT	NT	NT	NT	NT	NT	NT	0.099 j	3.6	3.1	1.07	<0.087	<0.087
Toluene (108-88-3)	0.5536	1.1072	1.3	0.35	0.16	0.14	<0.001	0.024	0.003	0.0311 j	<0.31	<0.31	0.061 j	<0.031	<0.031
1,2,4-Trimethylbenzene (95-63-6)	0.691	1.3821	NT	NT	NT	NT	NT	NT	NT	55	104	250	118	0.142 j	3.07
1,3,5-Trimethylbenzene (108-67-8)	0.691	1.3821	NT	NT	NT	NT	NT	NT	NT	7.0	46	31.6	19	<0.089	<0.089
Xylene, tota (1330-20-7)	1.97	3.94	61	46	22	23	78	NT	NT	0.699 j	2.57 j	<0.99	1.285	<0.099	0.132
Vinyl Chloride (75-01-4)	0.000069	0.0001	1.1	<0.001	<0.001	<0.001	<0.001	0.27	<0.001	0.039	<0.10	<0.10	<0.01	<0.01	<0.01

EXPLANATION:

Soil Residual Contamination Level (RCL Soil to Groundwater Scenario Results from) EPA

EPA Environmental Protection Agency

\*\*\* = No soil standards currently exist.

ND= not detected

Analyte (CAS Number)

ppm = parts per million

ppb = parts per billion

Exceedances of the RCL soil standards are **BOLD**.

j =Analyte detected between LOD and LOQ

1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene Combined for Standard

Xylenes (m-, o-, p- combined) for Standard

OSWER VAPOR INTRUSION ASSESSMENT

Sub-slab or Exterior Soil Gas Concentration to Indoor Air Concentration (SGC-IAC) Calculator Version 3.4, June 2015 RSLs

Parameter	Symbol	Value	Instructions
Exposure Scenario	Scenario	Commercial	Select residential or commercial scenario from pull down list
Target Risk for Carcinogens	TCR_SG	1.00E-05	Enter target risk for carcinogens (for comparison to the calculated VI carcinogenic risk in column F)
Target Hazard Quotient for Non-Carcinogens	THQ_SG	1	Enter target hazard quotient for non-carcinogens (for comparison to the calculated VI hazard in column G)

CAS	Chemical Name	Site Sub-slab or Exterior Soil Gas Concentration	Calculated Indoor Air Concentration	VI Carcinogenic Risk	VI Hazard
		Csg (ug/m <sup>3</sup> )	Cia (ug/m <sup>3</sup> )	CR	HQ
100-41-4	Ethylbenzene		--	--	--
111-84-2	Nonane, n-		--	--	--
103-65-1	Propyl benzene		--	--	--
108-88-3	Toluene		--	--	--
526-73-8	Trimethylbenzene, 1,2,3-		--	--	--
95-63-6	Trimethylbenzene, 1,2,4-		--	--	--
95-47-6	Xylene, o-		--	--	--
1330-20-7	Xylenes		--	--	--

Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
IUR (ug/m <sup>3</sup> ) <sup>-1</sup>		RfC (mg/m <sup>3</sup> )		
2.50E-06	CA	1.00E+00	I	
		2.00E-02	P	
		1.00E+00	X	
		5.00E+00	I	
		5.00E-03	P	
		7.00E-03	P	TCE
		1.00E-01	S	
		1.00E-01	I	

VS-1

CAS	Chemical Name	Site Sub-slab or Exterior Soil Gas Concentration	Calculated Indoor Air Concentration	VI Carcinogenic Risk	VI Hazard
		Csg (ug/m <sup>3</sup> )	Cia (ug/m <sup>3</sup> )	CR	HQ
108-88-3	Toluene	2.9E+02	8.70E+00	No IUR	4.0E-04
526-73-8	Trimethylbenzene, 1,2,3-	1.3E+01	3.90E-01	No IUR	1.8E-02
95-63-6	Trimethylbenzene, 1,2,4-	2.5E+01	7.50E-01	No IUR	2.4E-02
95-47-6	Xylene, o-	9.8E+00	2.94E-01	No IUR	6.7E-04

Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
IUR (ug/m <sup>3</sup> ) <sup>-1</sup>		RfC (mg/m <sup>3</sup> )		
		5.00E+00	I	
		5.00E-03	P	
		7.00E-03	P	TCE
		1.00E-01	S	

VS-2

CAS	Chemical Name	Site Sub-slab or Exterior Soil Gas Concentration	Calculated Indoor Air Concentration	VI Carcinogenic Risk	VI Hazard
		Csg (ug/m <sup>3</sup> )	Cia (ug/m <sup>3</sup> )	CR	HQ
108-88-3	Toluene	2.8E+01	8.40E-01	No IUR	3.8E-05
526-73-8	Trimethylbenzene, 1,2,3-		--	--	--
95-63-6	Trimethylbenzene, 1,2,4-		--	--	--
95-47-6	Xylene, o-		--	--	--

Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
IUR (ug/m <sup>3</sup> ) <sup>-1</sup>		RfC (mg/m <sup>3</sup> )		
		5.00E+00	I	
		5.00E-03	P	
		7.00E-03	P	TCE
		1.00E-01	S	

VS-3

CAS	Chemical Name	Site Sub-slab or Exterior Soil Gas Concentration	Calculated Indoor Air Concentration	VI Carcinogenic Risk	VI Hazard
		Csg (ug/m <sup>3</sup> )	Cia (ug/m <sup>3</sup> )	CR	HQ
108-88-3	Toluene	1.9E+01	5.70E-01	No IUR	2.6E-05
526-73-8	Trimethylbenzene, 1,2,3-		--	--	--
95-63-6	Trimethylbenzene, 1,2,4-		--	--	--
95-47-6	Xylene, o-		--	--	--

Inhalation Unit Risk	IUR Source*	Reference Concentration	RFC Source*	Mutagenic Indicator
IUR (ug/m <sup>3</sup> ) <sup>-1</sup>		RfC (mg/m <sup>3</sup> )		
		5.00E+00	I	
		5.00E-03	P	
		7.00E-03	P	TCE
		1.00E-01	S	



## Attachment A6

No other media of concern at the site, therefore no additional data is available.

Table A7  
 Water Level Elevations  
 Spic Span  
 North Richards Street, Milwaukee  
 BRRTS# 02-41-000033

Well #	Date	Depth to Groundwater	Groundwater Elevation	Well Depth
MW-1	1/26/2013	5.22	92.02	10.61
MW-1	6/26/2013	3.62	93.62	
MW-1	8/8/2013	5.32	91.92	
MW-1	11/10/2015	5.80	91.44	
MW-2	1/26/2013	5.80	91.88	9.94
MW-2	6/26/2013	4.70	92.98	
MW-2	8/8/2013	5.91	91.77	
MW-2	11/10/2015	5.85	91.83	
MW-3	1/26/2013	4.51	92.75	10.33
MW-3	6/26/2013	3.92	93.34	
MW-3	8/8/2013	5.60	91.66	
MW-3	11/10/2015	5.60	91.66	
MW-4	1/26/2013	5.40	92.34	9.53
MW-4	6/26/2013	4.25	93.49	
MW-4	8/8/2013	5.68	92.06	
MW-4	11/10/2015	5.65	92.09	
TMW-1	1/27/2015	6.95	90.29	13.00
TMW-1	11/10/2015	6.33	91.77	

FIELD WATER QUALITY SAMPLING AND ANALYSIS LOG

PROJECT: Spic & Span  
 PROJECT NO.: 2012-0310.00  
 LOCATION: North Richards Street, Milwaukee  
 LABORATORY: EMT  
 DATE SENT: 1/30/2013

INSTRUMENT IDENTIFICATION:  
 TEMPERATURE: KIT #1  
 CONDUCTIVITY: KIT #1  
 pH: KIT #1  
 PUMP: NA

SAMPLE LOCATION	MW-1	MW-2	MW-3	MW-4	
TYPE					
DATE/TIME	1/26/2013 1:30PM	1/26/2013 11:15AM	1/26/2013 10:35AM	1/26/2013 11:45AM	
WELL DEPTH (FT.)	10.61	9.94	10.33	9.53	
DEPTH TO GW (FT.)	5.22	5.80	4.51	5.40	
WATER COLUMN (FT.)	5.39	4.14	5.82	4.13	0.00
WELL VOLUME (GAL)	1.41	1.07	1.51	1.07	
CALC. PURGE VOL. (GAL)	5.60	4.30	6.05	4.29	
ACT. VOL. PURGED (GAL.)	5.75	5.00	6.00	4.25	
MP ELEV. (FT. MSL)	97.24	97.68	97.26	97.74	
GW ELEV. (FT. MSL)	92.02	91.88	92.75	92.34	0.00
SAMPLING DEVICE					
TEMPERATURE (°C)	9.8	7.4	7.4	11.0	
CONDUCTIVITY (µS/cm)					
(mS/cm)	0.90	1.50	1.37	1.94	
pH	7.28	7.49	7.80	7.62	
DISSOLVED OXYGEN (ppm)					
REDOX (mV)	-28.7	-36.3	-44.8	-40.2	
COLOR	Colorless	Colorless	Light Gray	Colorless	
ODOR	Slight Sewer	Slight Sewer	Slight Sewer	Slight Sewer	
CLARITY	Clear	Clear	Cloudy	Clear	
SAMPLING PARAMETERS :	NO. OF CONTAINERS & CONTAINER TYPE : VOA, PLASTIC, AMB. BTL. PRESERVATIVE TYPE , FILTERED OR UNFILTERED				
VOCs	3-40 ml VOA Vials, HCL, Ice	3-40 ml VOA Vials, HCL, Ice	3-40 ml VOA Vials, HCL, Ice	3-40 ml VOA Vials, HCL, Ice	
SAMPLED BY:	EGD	EGD	EGD	EGD	
REMARKS :	Good Recharge	Good Recharge, Slight Sheen	Fair Recharge, Bails Down But Not Dry	Poor Recharge, Bails Dry	



FIELD WATER QUALITY SAMPLING AND ANALYSIS LOG

PROJECT: Spic & Span  
 PROJECT NO.: 2012-0310.00  
 LOCATION: North Richards Street, Milwaukee  
 LABORATORY: EMT  
 DATE SENT: 6/27/2013

INSTRUMENT IDENTIFICATION:  
 TEMPERATURE: KIT #1  
 CONDUCTIVITY: KIT #1  
 pH: KIT #1  
 PUMP: NA

SAMPLE LOCATION	MW-1	MW-2	MW-3	MW-4	
TYPE					
DATE/TIME	6/26/2013 12:00AM	6/26/2013 11:00AM	6/26/2013 10:30AM	6/26/2013 12:20AM	
WELL DEPTH (FT.)	10.61	9.94	10.33	9.53	
DEPTH TO GW (FT.)	3.62	4.70	3.92	4.25	
WATER COLUMN (FT.)	6.99	5.24	6.41	5.28	0.00
WELL VOLUME (GAL)	1.81	1.36	1.66	1.37	
CALC. PURGE VOL. (GAL)	7.27	5.45	6.67	5.49	
ACT. VOL. PURGED (GAL.)	7.50	6.25	7.00	5.50	
MP ELEV. (FT. MSL)	97.24	97.68	97.26	97.74	
GW ELEV. (FT. MSL)	93.62	92.98	93.34	93.49	0.00
SAMPLING DEVICE					
TEMPERATURE (°C)	17.4	18.9	18.4	16.7	
CONDUCTIVITY (µS/cm)					
(mS/cm)	0.97	1.15	9.88	1.49	
pH	7.83	7.81	8.47	7.75	
DISSOLVED OXYGEN (ppm)					
REDOX (mV)	-48.3	-48.0	-84.8	-43.5	
COLOR	Colorless	Colorless	Light Gray	Colorless	
ODOR	Slight Sewer	Slight Sewer	Slight Sewer	Slight Sewer	
CLARITY	Clear	Clear	Slightly Cloudy	Clear	
SAMPLING PARAMETERS :	NO. OF CONTAINERS & CONTAINER TYPE : VOA, PLASTIC, AMB. BTL. PRESERVATIVE TYPE , FILTERED OR UNFILTERED				
VOCs	3-40 ml VOA Vials, HCL, Ice	3-40 ml VOA Vials, HCL, Ice	3-40 ml VOA Vials, HCL, Ice	3-40 ml VOA Vials, HCL, Ice	
SAMPLED BY:	EGD	EGD	EGD	EGD	
REMARKS :	Good Recharge	Good Recharge, Slight Sheen	Fair Recharge, Balls Down But Not Dry	Poor Recharge, Balls Dry	

FIELD WATER QUALITY SAMPLING AND ANALYSIS LOG

PROJECT: Spic & Span  
 PROJECT NO.: 2012-0310.00  
 LOCATION: North Richards Street, Milwaukee  
 LABORATORY: \_\_\_\_\_  
 DATE SENT: \_\_\_\_\_

INSTRUMENT IDENTIFICATION:  
 TEMPERATURE: NA  
 CONDUCTIVITY: NA  
 pH: NA  
 PUMP: NA





SAMPLE LOCATION	MW-1	MW-2	MW-3	MW-4	
TYPE					
DATE/TIME	8/8/2013 0:00	8/8/2013 0:00	8/8/2013 0:00	8/8/2013 0:00	
WELL DEPTH (FT.)	10.61	9.94	10.33	9.53	
DEPTH TO GW (FT.)	5.32	5.91	5.60	5.68	
WATER COLUMN (FT.)	5.29	4.03	4.73	3.85	0.00
WELL VOLUME (GAL)	1.41	1.07	1.51	1.07	
CALC. PURGE VOL. (GAL)					
ACT. VOL. PURGED (GAL.)					
MP ELEV. (FT. MSL)	97.24	97.68	97.26	97.74	
GW ELEV. (FT. MSL)	91.92	91.77	91.66	92.06	0.00
SAMPLING DEVICE					
TEMPERATURE (°C)					
CONDUCTIVITY (µS/cm)					
(mS/cm)					
pH					
DISSOLVED OXYGEN (ppm)					
REDOX (mV)					
COLOR					
ODOR					
CLARITY					
SAMPLING PARAMETERS :	NO. OF CONTAINERS & CONTAINER TYPE : VOA, PLASTIC, AMB. BTL. PRESERVATIVE TYPE , FILTERED OR UNFILTERED				
Water levels only					
SAMPLED BY:	EGD	EGD	EGD	EGD	
REMARKS :					

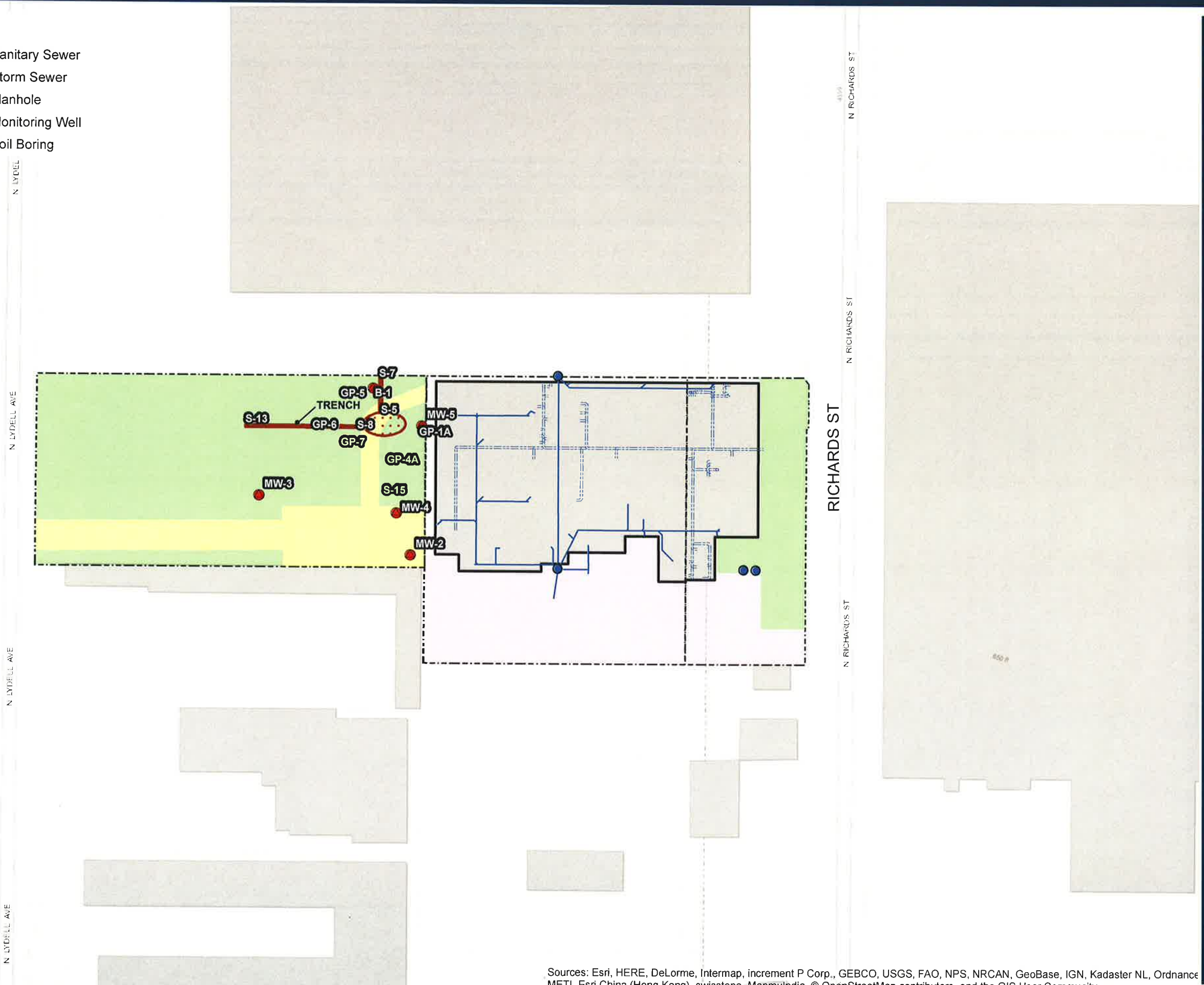
## Attachment B

### Maps and Figures



**Legend**

-  Building Footprint
-  Excavation
-  Asphalt
-  Gravel
-  Landscape
-  Sanitary Sewer
-  Storm Sewer
-  Manhole
-  Monitoring Well
-  Soil Boring



**LOCATION MAP**  
4301 N RICHARDS STREET  
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

User: 1871 Date Saved: 6/30/2016 3:04:44 PM Path: L:\Veb\2012\01201201\GIS\Map\B1A\_Location\_Map.mxd

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



**Legend**

- Building Footprint
- Excavation
- Asphalt
- Gravel
- Landscape
- Parcel
- Sanitary Sewer
- Storm Sewer
- Manhole
- Monitoring Well
- Soil Boring

User: 1871 Date Saved: 7/17/2016 12:31:39 PM Path: L:\Users\301230070310\Graphics\GIS\Map\B1b - Detailed Site Map.mxd

4353 N Richard's St

*SOURCE AREA*

N LYDELL AVE

RICHARDS ST

B1B



**DETAILED SITE MAP**

4301 N RICHARDS STREET

CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

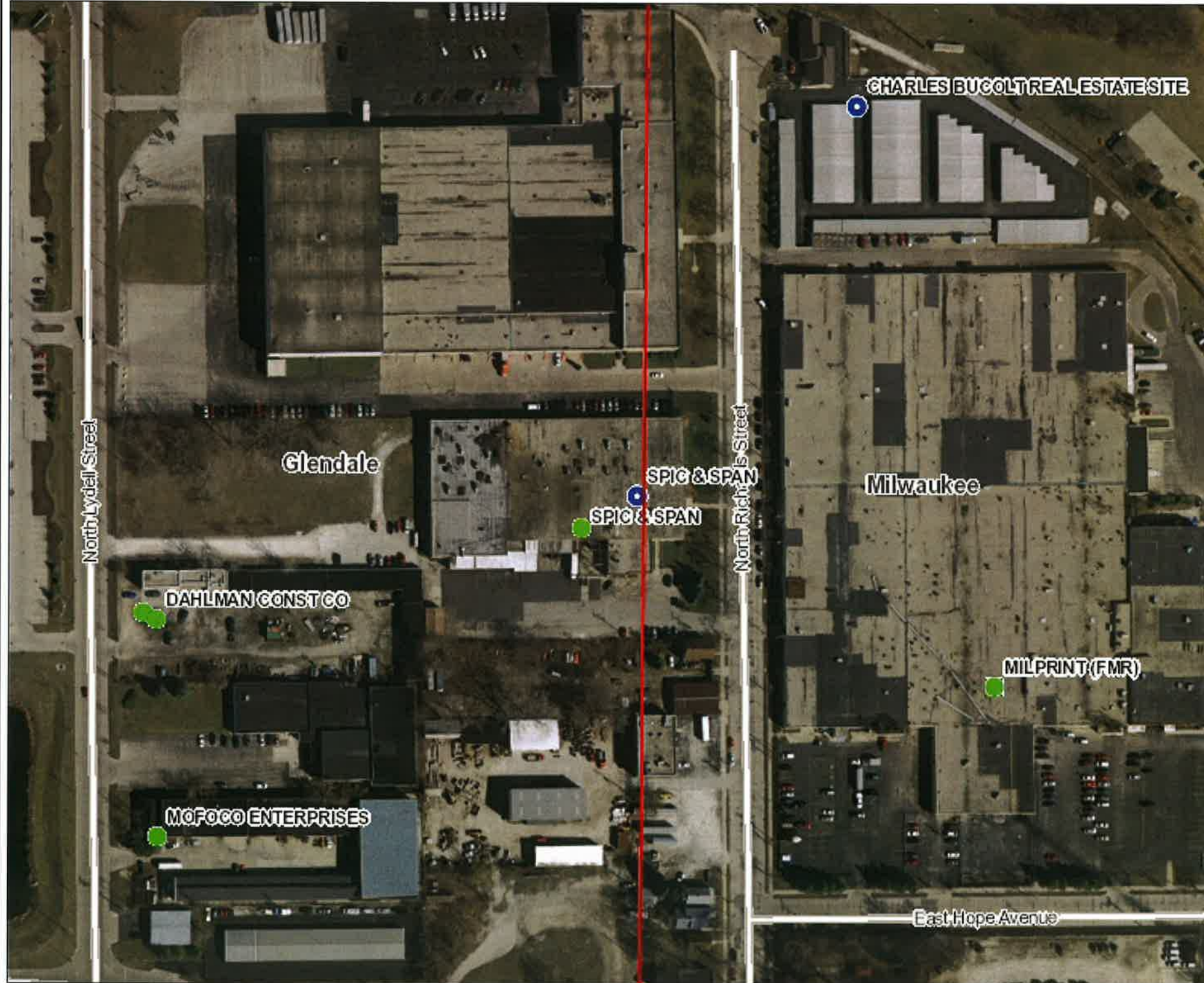


1 in = 80 ft





# B1C 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 (SUDZ)
- 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 0.04 0.1 Miles

NAD\_1983\_HARN\_Wisconsin\_TM

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1:2,494



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Note: Not all sites are mapped.

## Notes



**Legend**

- Manhole
- ⊕ Monitoring Well
- Soil Boring
- ⊙ Soil Sample
- ⊕ Geoprobe
- Sanitary Sewer
- Storm Sewer
- ▭ Tank Excavation
- Estimated Extent of Soil Contaminants that Exceed the Groundwater Protection Pathway Standards
- ▭ Building Footprint
- Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard

B - 1		
Compound	Concentration at 2' Depth	Concentration at 4' Depth
Benzene (71-43-2)	.03 mg/kg	.03 mg/kg

S - 7	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.075 mg/kg
Ethylbenzene (100-41-4)	15 mg/kg
Xylene, tota (1330-20-7)	46 mg/kg

GP - 5	
Compound	Concentration at 4-6' Depth
Benzene (71-43-2)	0.049 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	35 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	7.4 mg/kg

GP - 2A	
Compound	Concentration at 2-4' Depth
Naphthalene (91-20-3)	3.6 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	104 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	46 mg/kg

S - 5	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	1.9 mg/kg
Ethylbenzene (100-41-4)	21 mg/kg
Toluene (108-88-3)	1.3 mg/kg
Xylene, tota (1330-20-7)	61 mg/kg
Vinyl Chloride (75-01-4)	1.1 mg/kg

S - 13	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.025 mg/kg
Ethylbenzene (100-41-4)	9.8 mg/kg
Xylene, tota (1330-20-7)	23 mg/kg

GP - 3A		
Compound	Concentration at 0-2' Depth	Concentration at 4-6' Depth
Naphthalene (91-20-3)	3.1 mg/kg	1.07 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	250 mg/kg	118 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	31.6 mg/kg	19 mg/kg
Tetrachloroethylene	ND	0.06 mg/kg

GP - 1A	
Compound	Concentration at 2-4' Depth
1,2,4 - Trimethylbenzene (95-63-6)	55 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	7.0 mg/kg
Vinyl Chloride (75-01-4)	0.039 mg/kg
Tetrachloroethylene	0.192 mg/kg

GP - 7	
Compound	Concentration at 0-2' Depth
1,2,4 - Trimethylbenzene (95-63-6)	105 mg/kg

GP - 4A	
Compound	Concentration at 4-6' Depth
1,2,4 - Trimethylbenzene (95-63-6)	3.07 mg/kg

S - 8	
Compound	Concentration at Est. 1-3' Depth
Ethylbenzene (100-41-4)	7.9 mg/kg
Xylene, tota (1330-20-7)	22 mg/kg

S - 15	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.38 mg/kg
Ethylbenzene (100-41-4)	35 mg/kg
Xylene, tota (1330-20-7)	78 mg/kg



1 in = 25 ft

User: db71 Date Saved: 7/17/2016 4:40:28 PM Path: L:\Users\jg201201310\Documents\GIS\Map\B2A\_Pig\_Remediation\_Soil\_Contamination.mxd

### Legend

- Manhole
- ⊕ Monitoring Well
- Soil Boring
- ⊙ Soil Sample
- ⊕ Geoprobe
- ==== Sanitary Sewer
- Storm Sewer
- ▭ Tank Excavation
- Estimated Extent of Soil Contaminants that Exceed the Groundwater Protection Pathway Standards
- ▭ Building Footprint
- Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard

B - 1		
Compound	Concentration at 2' Depth	Concentration at 4' Depth
Benzene (71-43-2)	.03 mg/kg	.03 mg/kg

S - 7	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.075 mg/kg
Ethylbenzene (100-41-4)	15 mg/kg
Xylene, tota (1330-20-7)	46 mg/kg

GP - 5	
Compound	Concentration at 4-6' Depth
Benzene (71-43-2)	0.049 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	35 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	7.4 mg/kg

GP - 2A	
Compound	Concentration at 2-4' Depth
Naphthalene (91-20-3)	3.6 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	104 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	46 mg/kg

S - 5	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	1.9 mg/kg
Ethylbenzene (100-41-4)	21 mg/kg
Toluene (108-88-3)	1.3 mg/kg
Xylene, tota (1330-20-7)	61 mg/kg
Vinyl Chloride (75-01-4)	1.1 mg/kg

S - 13	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.025 mg/kg
Ethylbenzene (100-41-4)	9.8 mg/kg
Xylene, tota (1330-20-7)	23 mg/kg

GP - 3A		
Compound	Concentration at 0-2' Depth	Concentration at 4-6' Depth
Naphthalene (91-20-3)	3.1 mg/kg	1.07 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	250 mg/kg	118 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	31.6 mg/kg	19 mg/kg
Tetrachloroethylene	ND	0.06 mg/kg

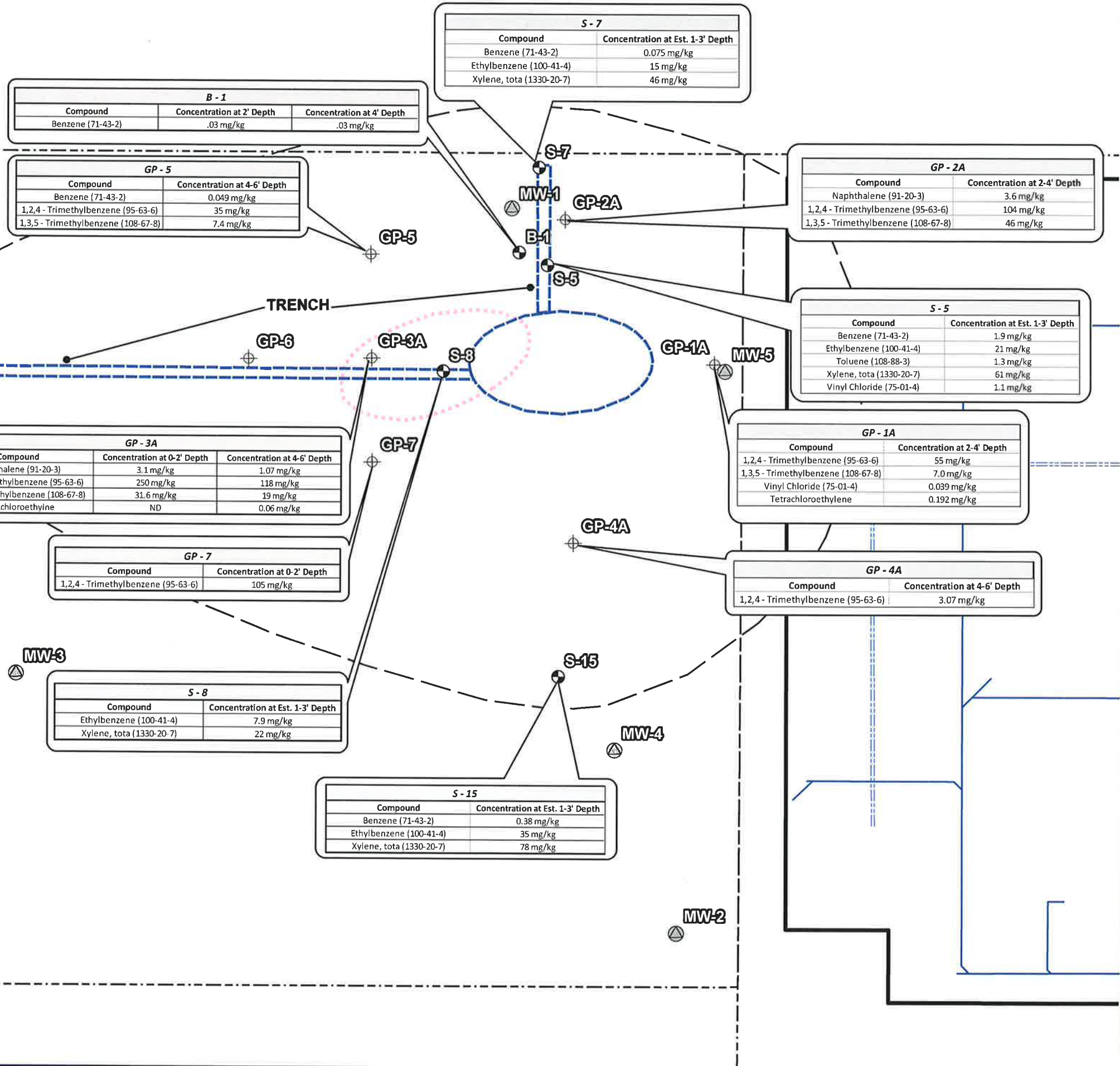
GP - 1A	
Compound	Concentration at 2-4' Depth
1,2,4 - Trimethylbenzene (95-63-6)	55 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	7.0 mg/kg
Vinyl Chloride (75-01-4)	0.039 mg/kg
Tetrachloroethylene	0.192 mg/kg

GP - 7	
Compound	Concentration at 0-2' Depth
1,2,4 - Trimethylbenzene (95-63-6)	105 mg/kg

GP - 4A	
Compound	Concentration at 4-6' Depth
1,2,4 - Trimethylbenzene (95-63-6)	3.07 mg/kg

S - 8	
Compound	Concentration at Est. 1-3' Depth
Ethylbenzene (100-41-4)	7.9 mg/kg
Xylene, tota (1330-20-7)	22 mg/kg

S - 15	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.38 mg/kg
Ethylbenzene (100-41-4)	35 mg/kg
Xylene, tota (1330-20-7)	78 mg/kg



1 in = 25 ft



POST-REMEDIATION SOIL CONTAMINATION

4301 N RICHARDS STREET  
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN

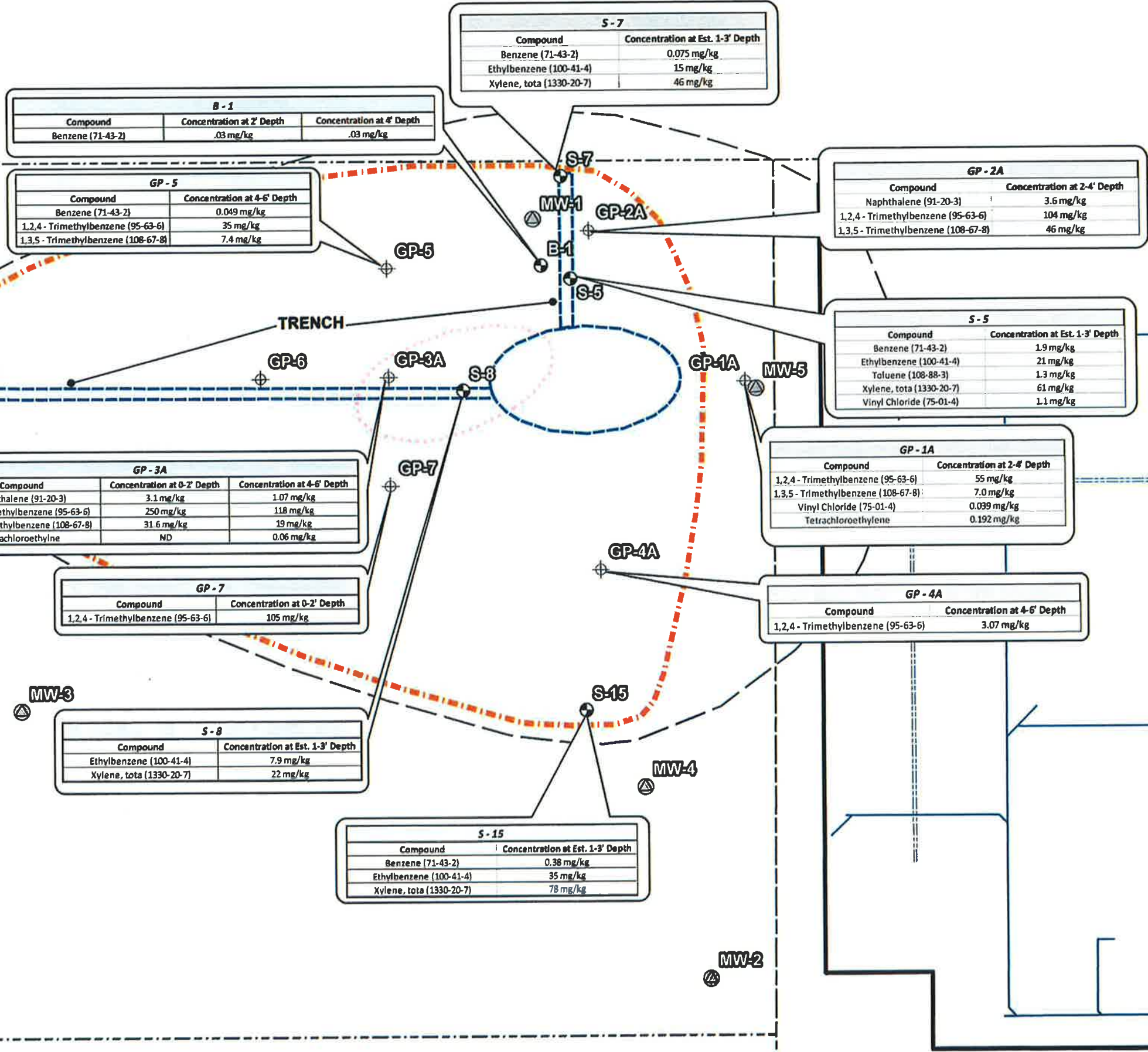
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PRE/POST REMAINING SOIL CONTAMINATION

4301 N RICHARDS STREET

CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



S - 13	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.025 mg/kg
Ethylbenzene (100-41-4)	9.8 mg/kg
Xylene, tota (1330-20-7)	23 mg/kg

B - 1		
Compound	Concentration at 2' Depth	Concentration at 4' Depth
Benzene (71-43-2)	.03 mg/kg	.03 mg/kg

GP - 5		
Compound	Concentration at 2' Depth	Concentration at 4-6' Depth
Benzene (71-43-2)	0.049 mg/kg	
1,2,4 - Trimethylbenzene (95-63-6)	35 mg/kg	
1,3,5 - Trimethylbenzene (108-67-8)	7.4 mg/kg	

S - 7	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.075 mg/kg
Ethylbenzene (100-41-4)	15 mg/kg
Xylene, tota (1330-20-7)	46 mg/kg

GP - 2A	
Compound	Concentration at 2-4' Depth
Naphthalene (91-20-3)	3.6 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	104 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	46 mg/kg

S - 5	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	1.9 mg/kg
Ethylbenzene (100-41-4)	21 mg/kg
Toluene (108-88-3)	1.3 mg/kg
Xylene, tota (1330-20-7)	61 mg/kg
Vinyl Chloride (75-01-4)	1.1 mg/kg

GP - 3A		
Compound	Concentration at 0-2' Depth	Concentration at 4-6' Depth
Naphthalene (91-20-3)	3.1 mg/kg	1.07 mg/kg
1,2,4 - Trimethylbenzene (95-63-6)	250 mg/kg	118 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	31.6 mg/kg	19 mg/kg
Tetrachloroethylene	ND	0.06 mg/kg

GP - 7	
Compound	Concentration at 0-2' Depth
1,2,4 - Trimethylbenzene (95-63-6)	105 mg/kg

GP - 1A	
Compound	Concentration at 2-4' Depth
1,2,4 - Trimethylbenzene (95-63-6)	55 mg/kg
1,3,5 - Trimethylbenzene (108-67-8)	7.0 mg/kg
Vinyl Chloride (75-01-4)	0.039 mg/kg
Tetrachloroethylene	0.192 mg/kg

GP - 4A	
Compound	Concentration at 4-6' Depth
1,2,4 - Trimethylbenzene (95-63-6)	3.07 mg/kg

S - 8	
Compound	Concentration at Est. 1-3' Depth
Ethylbenzene (100-41-4)	7.9 mg/kg
Xylene, tota (1330-20-7)	22 mg/kg

S - 15	
Compound	Concentration at Est. 1-3' Depth
Benzene (71-43-2)	0.38 mg/kg
Ethylbenzene (100-41-4)	35 mg/kg
Xylene, tota (1330-20-7)	78 mg/kg

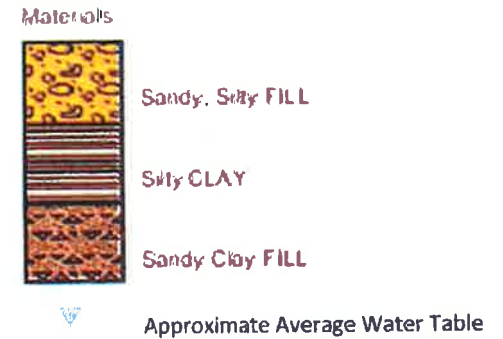
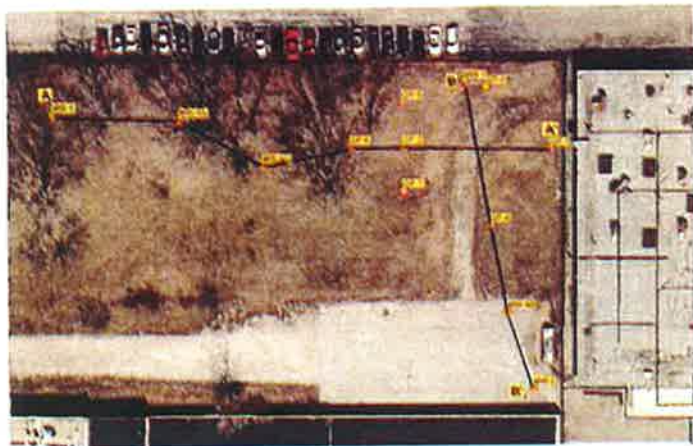
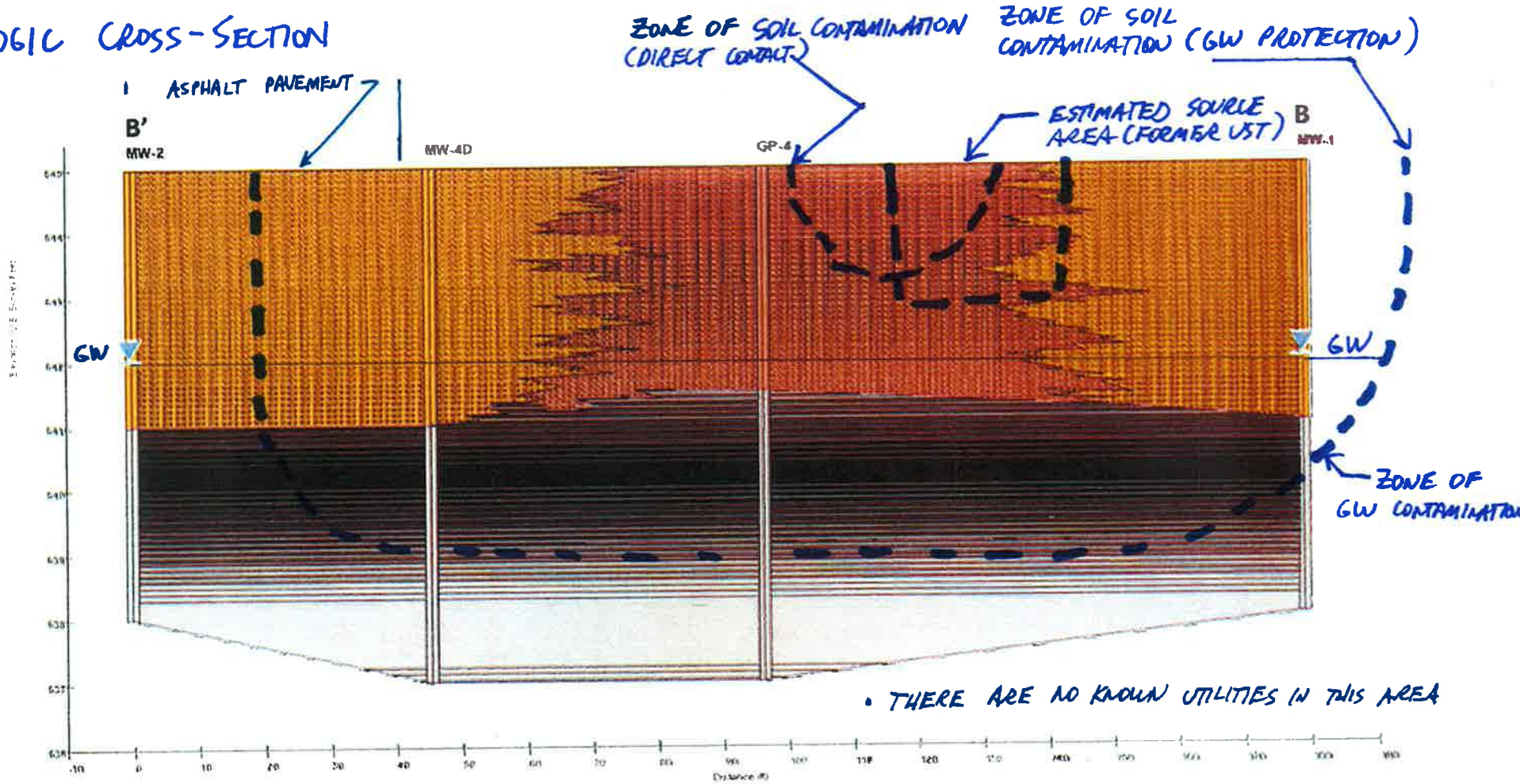
**Legend**

- Manhole
- ⊕ Monitoring Well
- Soil Boring
- ⊕ Soil Sample
- ⊕ Geoprobe
- Sanitary Sewer
- Storm Sewer
- Tank Excavation
- Estimated Extent of Soil Contaminants that Exceed the Groundwater Protection Pathway Standards
- Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard - Industrial
- Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard - Residential
- Building Footprint



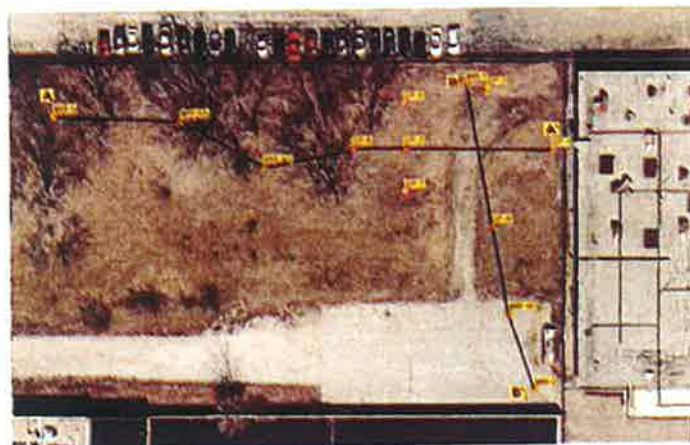
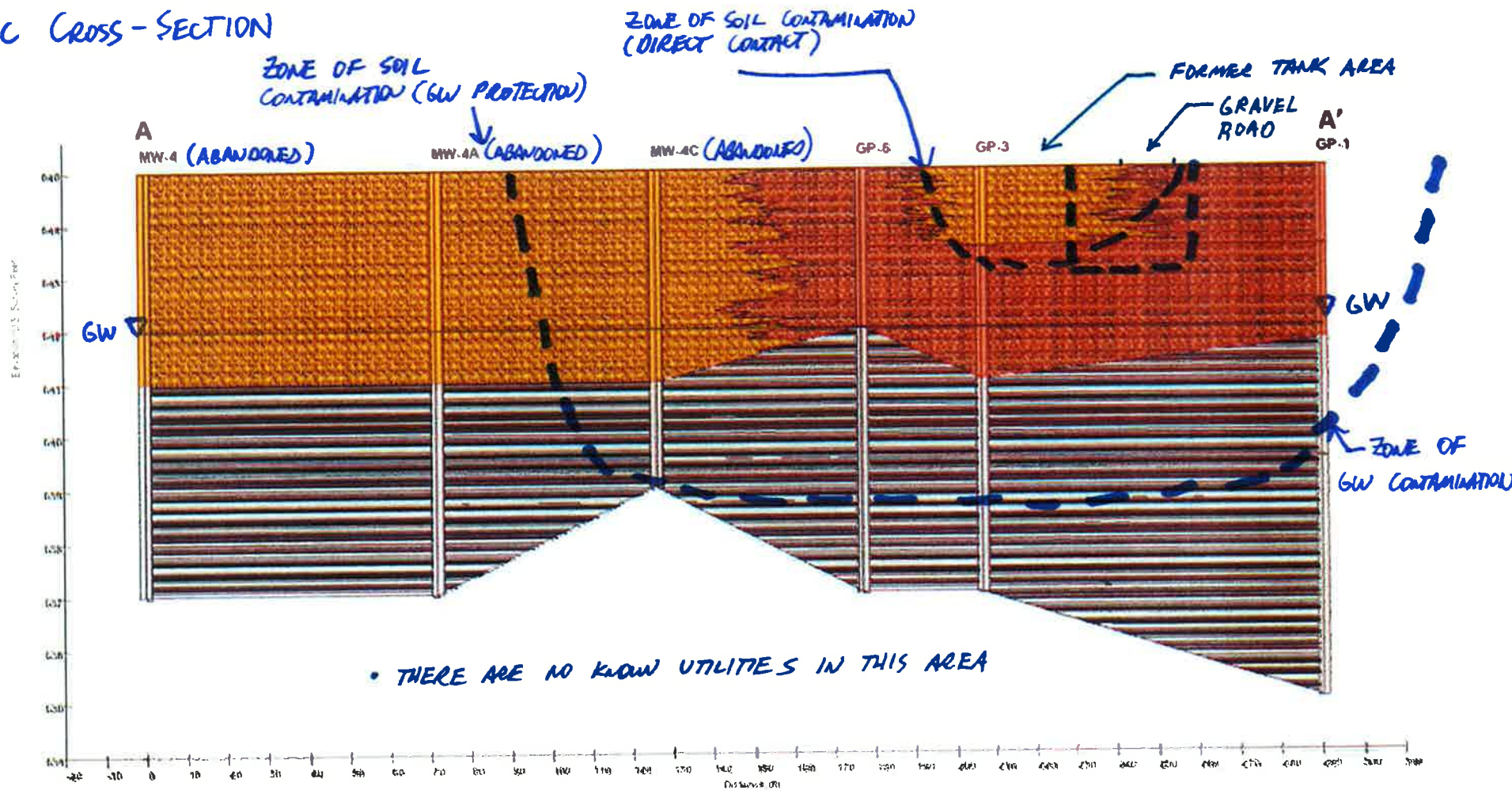


# GEOLOGIC CROSS-SECTION





# GEOLOGIC CROSS-SECTION



### Materials



▽ APPROXIMATE AVERAGE WATER TABLE

B.3.a-1

**Legend**

- Manhole
- ⊕ Monitoring Well
- 91.44 FT Groundwater Elevation
- ⊙ Soil Boring
- ⊕ Soil Sample
- ⊕ Geoprobe
- Sanitary Sewer
- Storm Sewer
- Excavation
- Estimated Extent of Groundwater
- Contaminants that Exceed the ES
- Building Footprint

Monitoring Well - 1	
Compound	Concentration (ug/L)
Benzene	10.3
Vinyl Chloride	1.7

Monitoring Well - 5	
Compound	Concentration (ug/L)
Benzene	<4.4
Vinyl Chloride	6.1

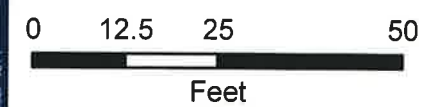
Monitoring Well - 3	
Compound	Concentration (ug/L)
Benzene	<0.44
Vinyl Chloride	0.6

Monitoring Well - 4	
Compound	Concentration (ug/L)
Benzene	0.77J
Vinyl Chloride	0.4J

Monitoring Well - 2	
Compound	Concentration (ug/L)
Benzene	0.41
Vinyl Chloride	<0.4

Date of MW-1, MW-3, MW-4, MW-5 Samples: 11/10/2015  
 Date of MW-2 Sample: 6/26/2013  
 j: Analyte detected below quantitation limits

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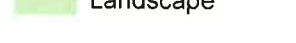

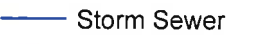
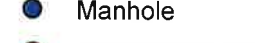
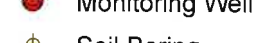

**GROUNDWATER ISOCONCENTRATIONS MAP**

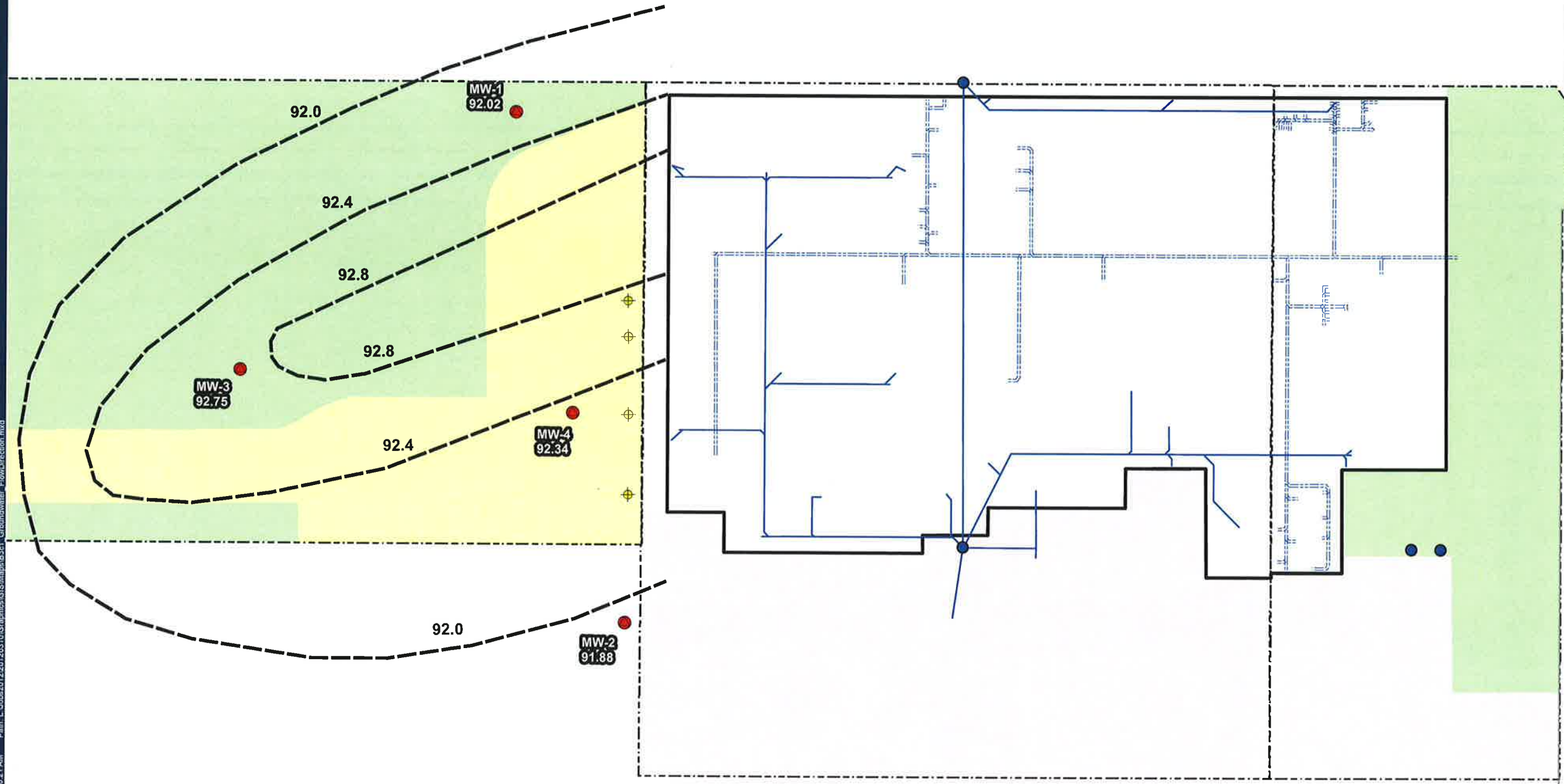
4301 N RICHARDS STREET  
 CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN





**Legend**

-  Building Footprint
-  Asphalt
-  Gravel
-  Landscape
-  Sanitary Sewer
-  Storm Sewer
-  Manhole
-  Monitoring Well
-  Soil Boring



RICHARDS ST

B.3.c.1









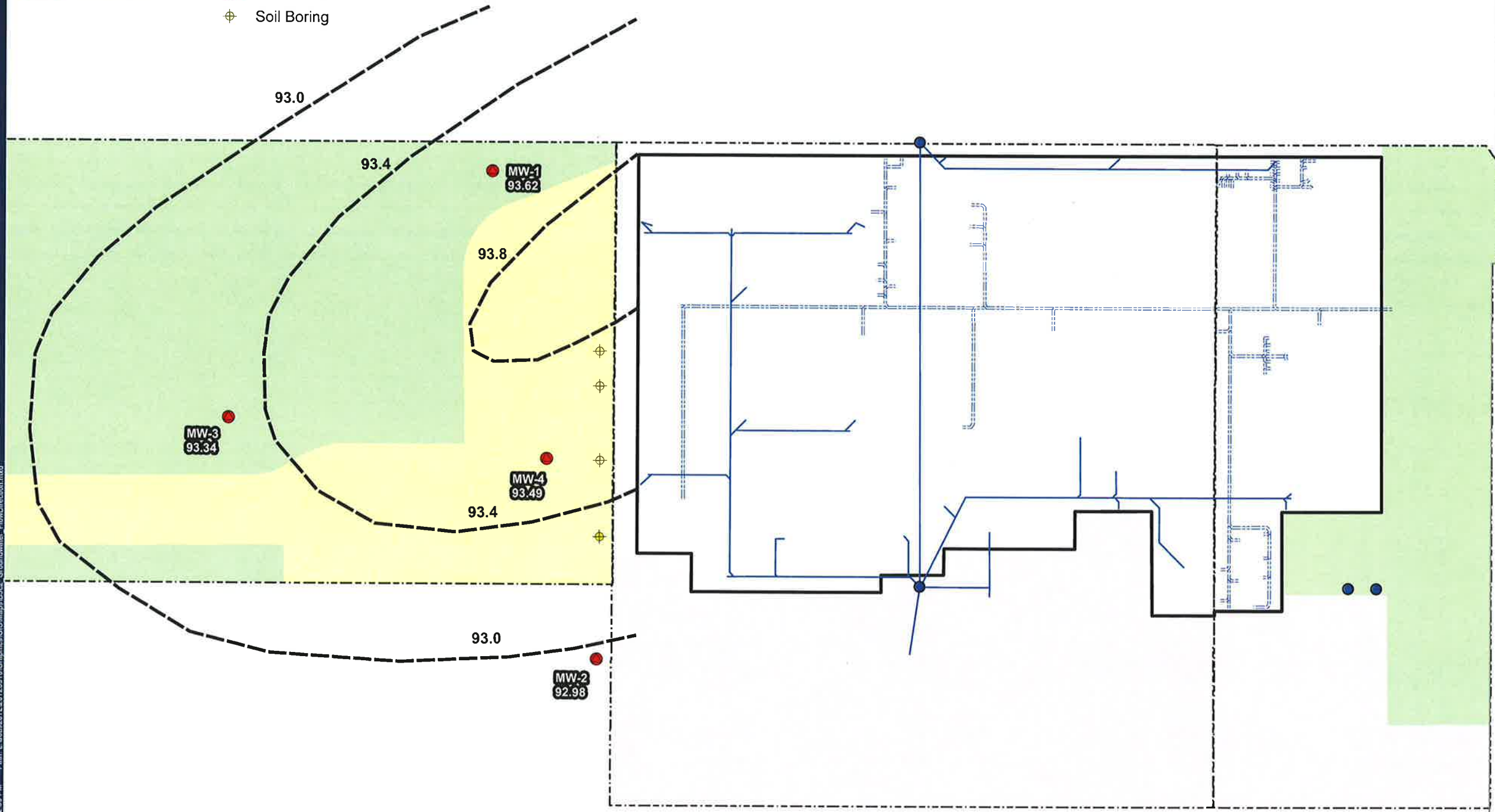
**GROUNDWATER FLOW DIRECTION**  
4301 N RICHARDS STREET  
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



User: 1797 Date Saved: 7/10/2014 11:50:21 AM Path: L:\Jobs\2012\20120310\Graphics\GIS\Map\B3c1\_Groundwater\_FlowDirection.mxd

**Legend**

-  Building Footprint
-  Asphalt
-  Gravel
-  Landscape
-  Sanitary Sewer
-  Storm Sewer
-  Manhole
-  Monitoring Well
-  Soil Boring












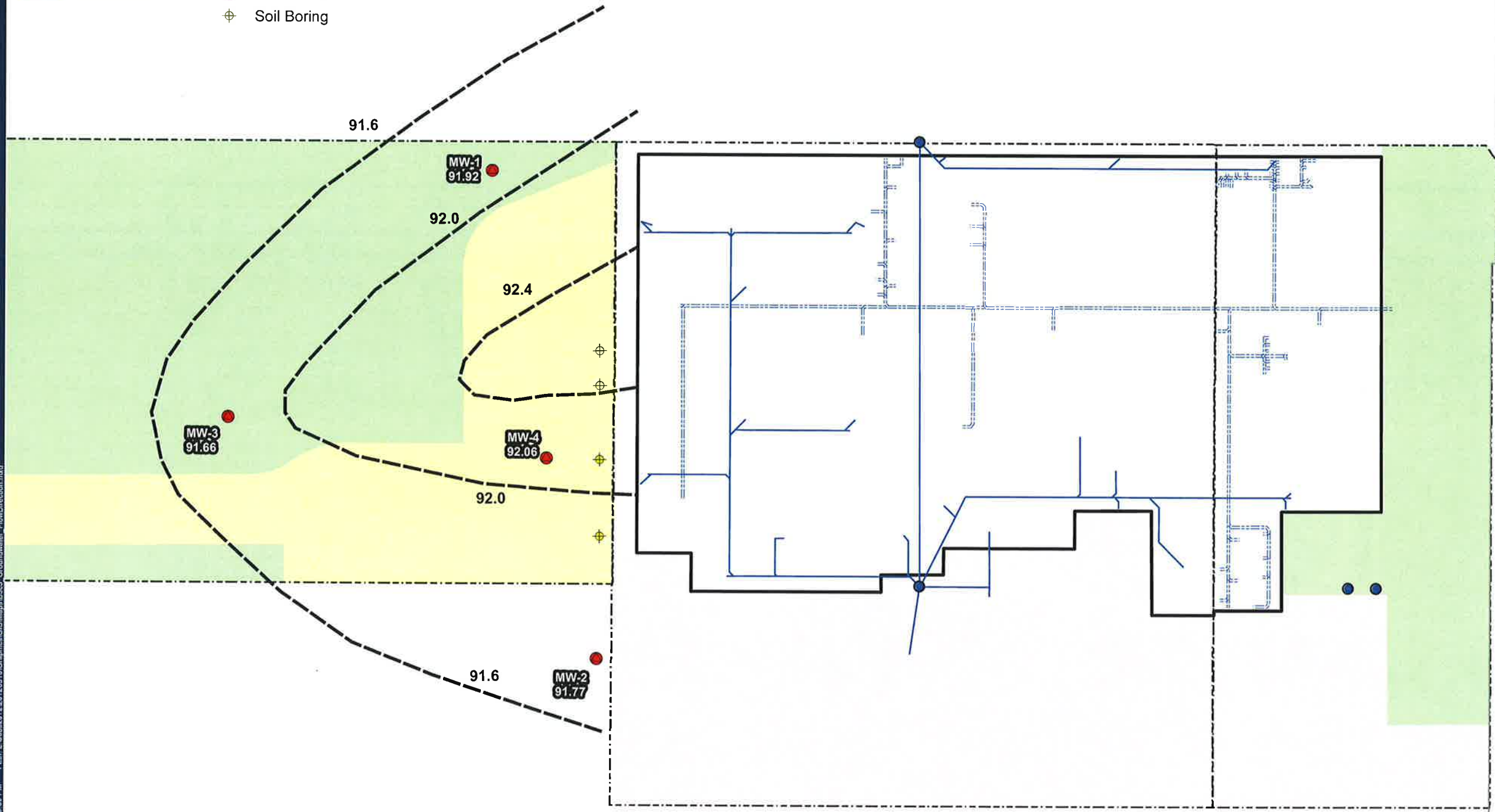
RICHARDS ST

Proj. Number: 2012-0310.00 Source: MCAMLIS, 1961 Square D Plumbing Plan  
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**Legend**

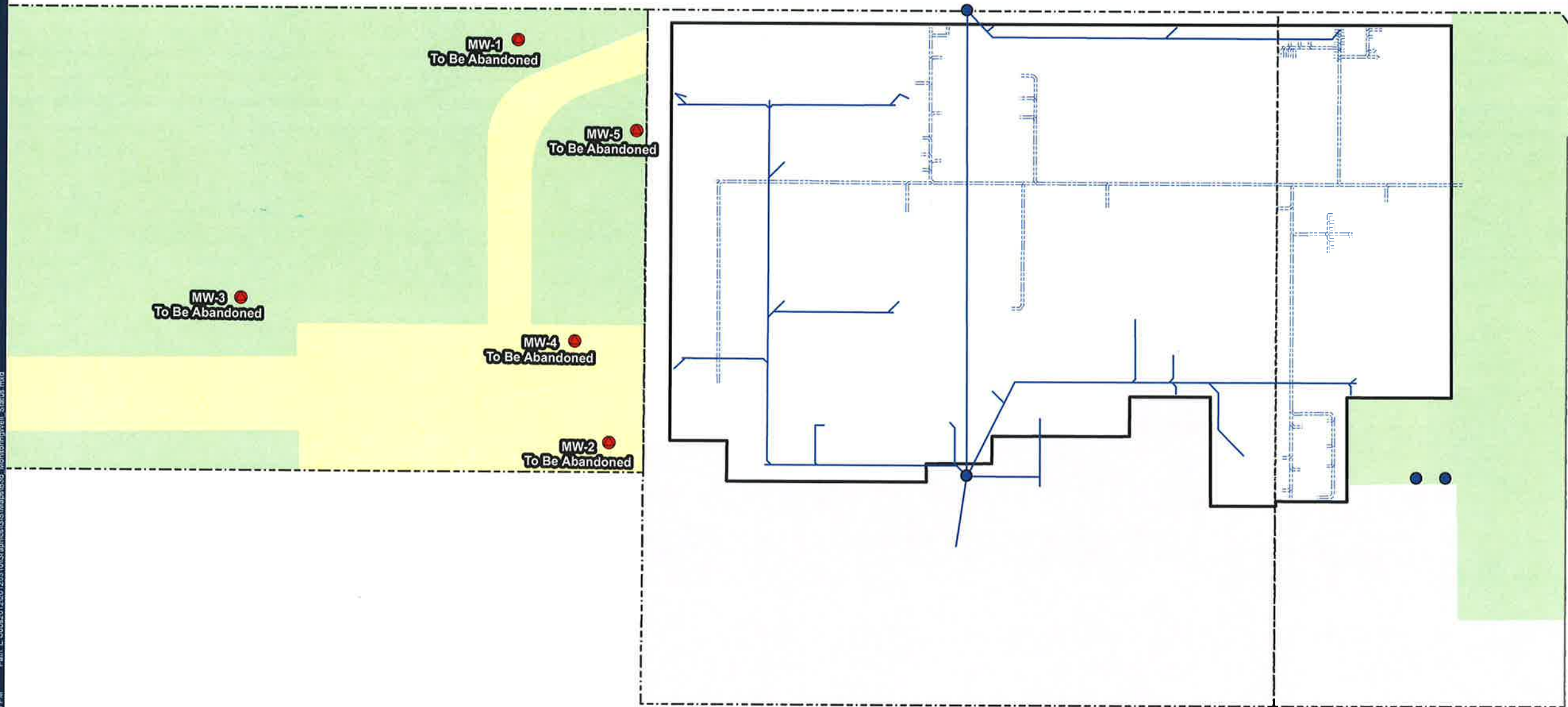
-  Building Footprint
-  Asphalt
-  Gravel
-  Landscape
-  Sanitary Sewer
-  Storm Sewer
-  Manhole
-  Monitoring Well
-  Soil Boring



RICHARDS ST

**Legend**

-  Building Footprint
-  Asphalt
-  Gravel
-  Landscape
-  Sanitary Sewer
-  Storm Sewer
-  Manhole
-  Monitoring Well
-  Soil Boring



RICHARDS ST

**B.3.d.**















**MONITORING WELL LOCATION MAP**  
4301 N RICHARDS STREET  
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



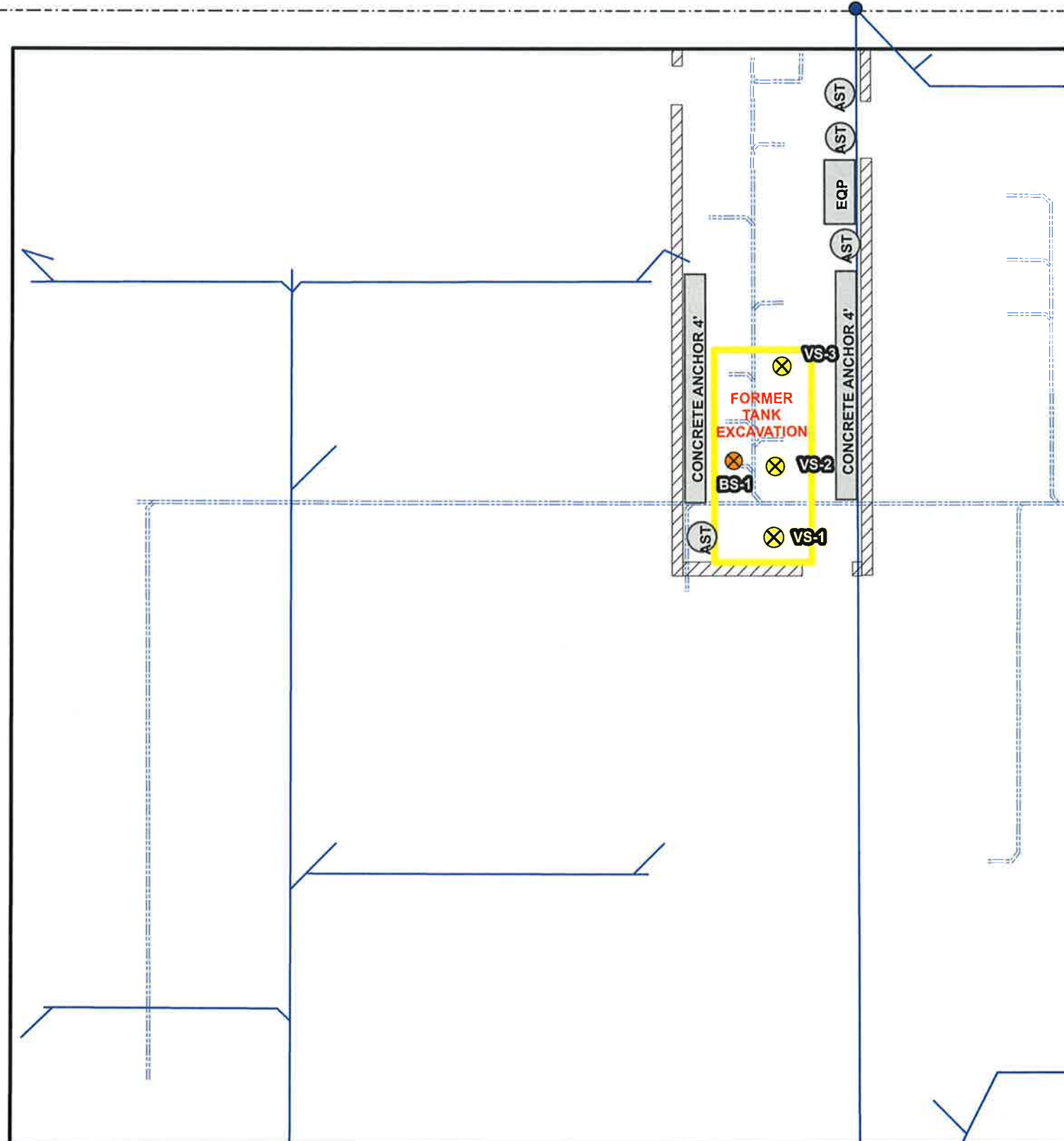
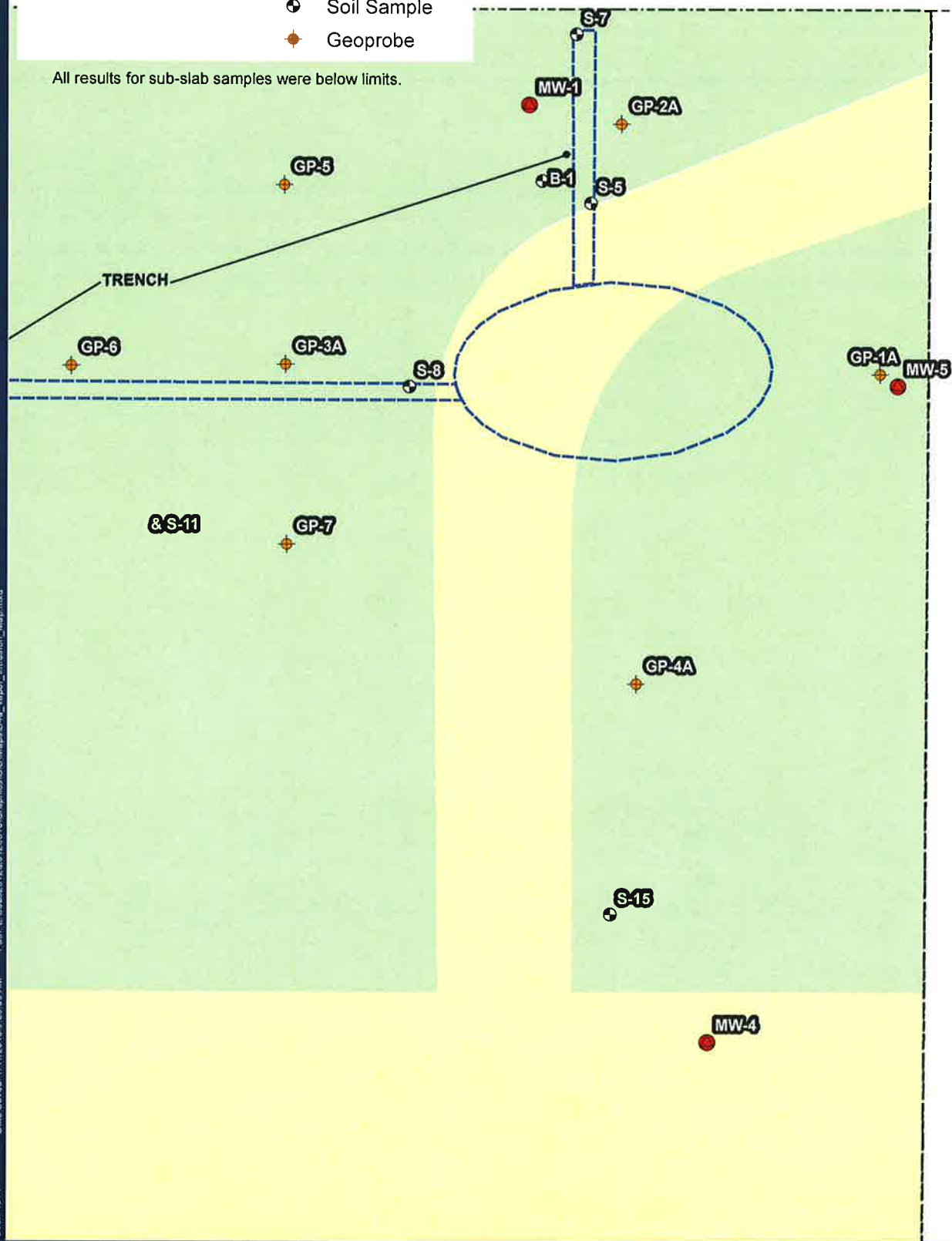
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**Legend**

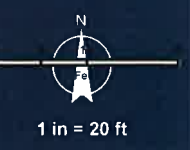
-  Building Footprint
-  Excavation
-  Asphalt
-  Gravel
-  Landscape
-  Sanitary Sewer
-  Storm Sewer
-  Manhole
-  Monitoring Well
-  Soil Boring
-  Soil Sample
-  Geoprobe

All results for sub-slab samples were below limits.



**VAPOR INTRUSION MAP**

4301 N RICHARDS STREET  
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



User: 1871 Date Saved: 7/11/2016 9:03:05 AM Path: L:\Veb\2012\01\20310\Graphical\GIS\Map\B4a\_Vapor\_Intrusion\_Map.mxd

**Attachment B4B**

No other media of concern were required as part of the site investigation.



## Documentation of Remedial Action (Attachment C)

# DISCLAIMER

Documents contained in Attachment C of the Case Closure – GIS Registry (Form 4400-202) are not included in the electronic version (GIS Registry Packet) available on RR Sites Map to limit file size.

For information on how to obtain a copy or to review the file, please contact the Remediation & Redevelopment (RR) Environmental Program Associate (EPA) at <http://dnr.wi.gov/topic/Brownfields/Contact.html>



## Attachment D

### Maintenance Plan and Photographs

# BARRIER MAINTENANCE PLAN

July, 2016

Property Located at:

4301 North Richards Street, Milwaukee, WI

BRRTS# 02-41-000033 Spic & Span, Inc.





## 1. Introduction

This document provides the Maintenance Plan for a gravel barrier at 4301 North Richards Street, Milwaukee, Wisconsin (the “site”) in accordance with the requirements of Wis. ADMIN. CODE, NAT. RES. § 724.13(2) (2011). The legal description of the site is as follows:

All that part of the Southeast  $\frac{1}{4}$  of Section 30, Town 7 North, Range 22 East, City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows:

Lot numbered Seventy (70) and the West One Foot (W.1') of Lot Number Sixty-nine (69), In Comstock and Williams Subdivision of Lots numbered One (1), Two (2), Three (3), Four (4), and Five (5) of Section numbered Five (5) and the South East One-quarter (S.E.1/4) of Section numbered Five (5) and the North-west One-quarter (N.W.1/4) of Section numbered Four (4) in the Township numbered Seven (7) North, Range numbered Twenty-two (22) East.

Lot numbered Sixty-nine (69), and the North One-half (1/2) of Lot numbered Eighty (80), except the West One (1) foot thereof, In Comstock and Williams Subdivision of Lots numbered One (1), Two (2), Three (3), Four (4), and Five (5) of Section numbered Five (5) and the South East One-quarter (1/4) of Section numbered Five (5) and the North West One-quarter (1/4) of Section numbered Four (4), In Township numbered Seven (7) North, Range numbered Twenty-two (22) East, partly in the City of Milwaukee and partly in the City of Glendale, Milwaukee County, Wisconsin, together with any and all rights, title and interest of the party of the first part in and to the vacated portion of Adams Avenue pertaining to the above described lot Sixty-Nine (69), and except that part deeded to the City of Milwaukee by deed recorded in Volume 2477, Page 401, as Document No. 2779230, Milwaukee County, Wisconsin.

The coordinates of the property, located at 4301 North Richards Street are approximately E 69180, N 293458.

The Maintenance Plan covers impacts at the site associated with case BRRTS# 02-41-000033, Spic & Span has the responsibilities to implement the Maintenance Plan.

The on-site maintenance activities apply to the maintenance of the gravel barrier over the estimated area of soils that exceed the Residual Contamination Level (RCL) for the Direct Contact Pathway, and to potential excavation activities in the estimated areas of both the soils that exceed the RCL for the Direct Contact Pathway, and the soils that exceed the RCL for the Groundwater Pathway. The depth of the affected soils extends to four feet below ground surface (bgs) in the area of the Direct Pathway RCL exceedance, and up to eight feet bgs. in the area of the Groundwater Pathway exceedance.

Contaminants that exceed the Direct Pathway include 1,2,4 – Trimethylbenzene, contaminants that exceed the Groundwater Pathway include benzene, ethylbenzene, 1,2,4 – Trimethylbenzene, 1,3,5 – Trimethylbenzene, vinyl chloride and tetrachloroethylene. These areas are shown on the attached figure D.1.

The barrier over the soils that exceed the Direct Contact RCL consists of a six inch thick layer of ¾” inch limestone. Access to this area is restricted by a fence with a locked gate and a door on the west side of the building which is also locked.

The property owner will maintain a copy of the Maintenance Plan at the Spic & Span, Inc. Office at 4301 North Richards Street, Milwaukee, Wisconsin and make it available to all interested parties, including on-site employees, contractors, and future property owners, for viewing.

## **2. Barrier Purpose**

The stone barrier and fence will serve as a barrier to prevent direct human contact with residual contaminants in the soil. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

## **3. Annual Inspection**

The stone barrier and fence will be inspected once a year by the property owner, normally in the spring after snow and ice is gone, for deterioration, cracks and other potential problems that can cause additional infiltration into or exposure to underlying soils.

The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented by Spic & Span Inc. A log of the inspections and any repairs will be maintained by the property owner. *See* Appendix A, Cap Inspection Log.

The inspection and repair log will be kept at 4301 North Richards Street, Milwaukee, and made available for review at reasonable times upon request by the Wisconsin Department of Natural Resources (“WDNR”), its successor agency, and/or other state agency with jurisdiction. Annual submission of the log to WDNR is not required.

## **4. Maintenance Activities**

If problems are noted during the annual inspections or at any other time during the year, the property owner should make repairs as soon as practical. Repairs can include infill of low areas in the stone cover and fence repairs.

In the event that the stone barrier overlying the soil is removed, the property owner will provide an equivalent replacement barrier. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by WDNR or its successor agency.

The property owner is responsible for all repair work on the Barrier, the costs of the repairs within the area of the Barrier shall be covered by Spic & Span Inc.

**5. Management of On-site Soils**

In the event that soils are excavated for new construction or repair work from within the area containing soils that exceed the RCLs for Direct Contact and/or Groundwater Pathway, the soils shall be sampled and analyzed for the presence of Volatile Organic Compounds, and if indicated, managed as a special waste in accordance with applicable regulations. The cost to sample and analyze the soils shall covered be by the property owner.

**6. Amendment or Withdrawal of Maintenance Plan**

This Maintenance Plan can be amended or withdrawn as agreed by both Spic & Span Inc. and the new property owner and its successors with the written approval of WDNR.

**The undersigned understand and agree to the above provisions.**

**FOR Spic & Span, Inc.:**

  
\_\_\_\_\_  
Signature

ROBERT A. MILLER  
\_\_\_\_\_  
Print

7/14/16  
\_\_\_\_\_  
Date

**Contact Information**

Brian Schneider, P.E.  
GRAEF  
125 South 84<sup>th</sup> street, Suite 401  
Milwaukee, WI 53214  
(414) 266-9284

**Spic & Span Inc:**

Robert Miller  
Owner  
Spic & Span, Inc.  
4301 North Richards Street  
Milwaukee, WI 53202  
414-964-5050

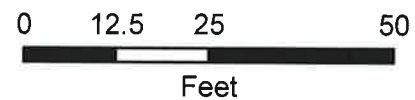
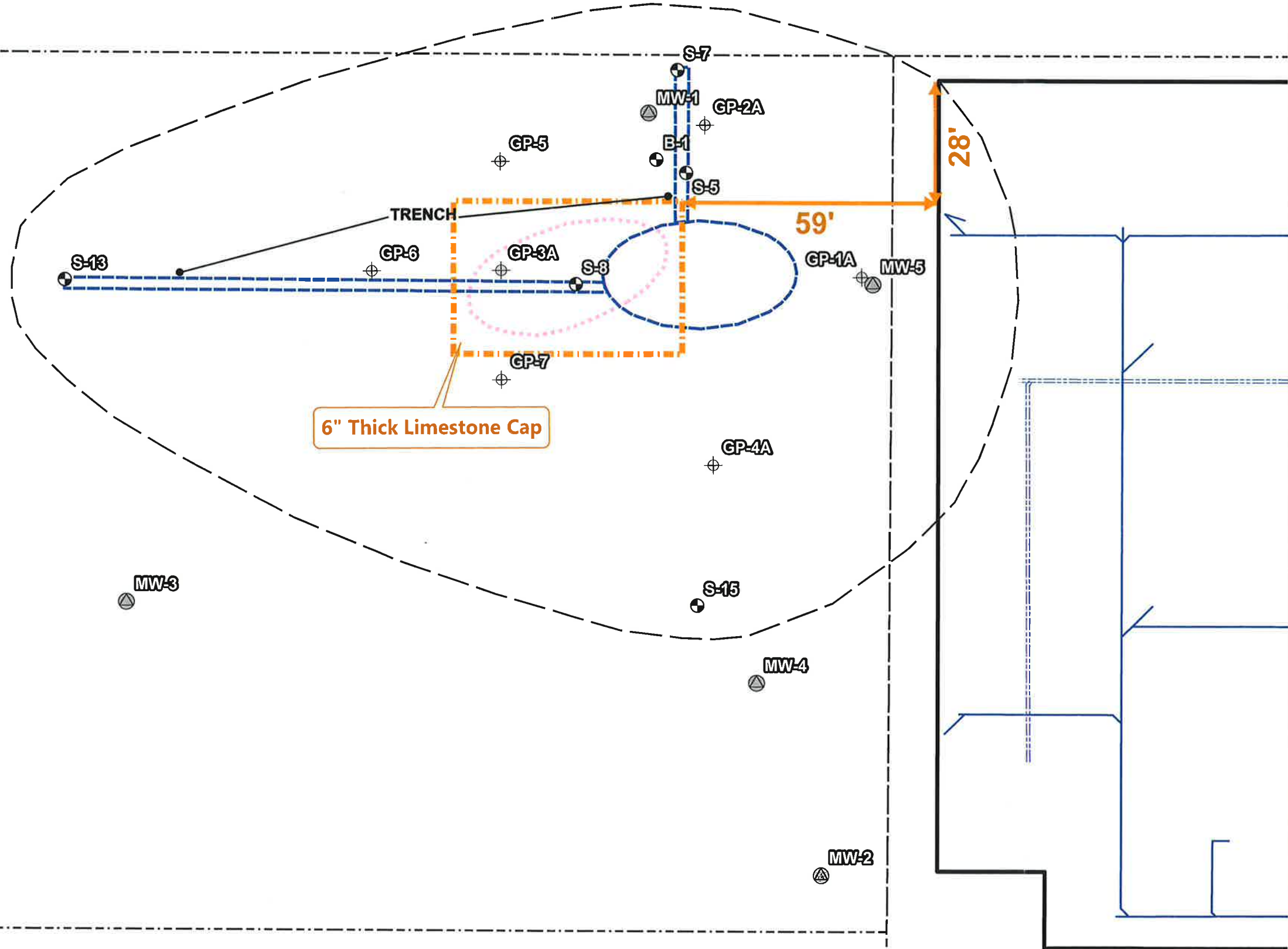


**WDNR:**

Trevor Nobile, Hydrogeologist  
Wisconsin Department of Natural Resources  
2300 North Martin Luther King Drive  
Milwaukee, WI 53212  
414-263-8524

**Legend**

- Manhole
- ⊙ Monitoring Well
- ⊙ Soil Boring
- ⊙ Soil Sample
- ⊕ Geoprobe
- Sanitary Sewer
- Storm Sewer
- - - Parcel Boundary
- - - Tank Excavation
- - - Limestone Cap 35' x 53'
- - - Estimated Extent of Soil Contaminants that Exceed the Groundwater Protection Pathway Standards
- - - Building Footprint
- - - Estimated Extent of Soil Contaminants that Exceed the Direct Contact Pathway Standard



**MAINTENANCE PLAN ENGINEERED BARRIER LOCATION**

4301 N RICHARDS STREET  
CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN



Date Saved: 7/14/2016 11:27:32 AM Path: L:\Users\20020310\Graphics\GIS\Mapes\01\_Maintenance\_Plan\_Engineered\_Barrier\_Location.mxd User: 1671

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

Activity (Site) Name <b>Spic &amp; Span Inc.</b>	BRRTS No. <b>02-41-000033</b>
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Inspections are required to be conducted (see closure approval letter): <input checked="" type="radio"/> annually <input type="radio"/> semi-annually <input type="radio"/> 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):
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Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N
		<input type="checkbox"/> monitoring well <input type="checkbox"/> cover/barrier <input type="checkbox"/> vapor mitigation system <input type="checkbox"/> other:			<input type="radio"/> Y <input type="radio"/> N	<input type="radio"/> Y <input type="radio"/> N



02-41-000033  
BRRTS No.

Spic & Span Inc.  
Activity (Site) Name

{Click to Add/Edit Image}

Date added:

Title:

{Click to Add/Edit Image}

Date added:

Title:



Figure 1 North view of the capped area.



Figure 2 Northeast view of the capped area.



Figure 3 Northwest view of the capped area.



Figure 4 West view of the capped area.



## Attachment E

All monitoring well were properly abandoned, see attached forms.

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:  
 Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>MILWAUKEE</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>SPIC + SPAN, INC.</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>241040670</b>	
1/4 NE 1/4 SE or Gov't Lot #		Section <b>05</b>		Township <b>7 N</b>		Range <b>22</b> <input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Well Street Address <b>4301 N. RICHARDS STREET</b>				Original Well Owner <b>SPIC + SPAN, INC.</b>			
Well City, Village or Town <b>MILWAUKEE / GLENDALE</b>				Present Well Owner <b>SPIC + SPAN, INC.</b>			
Subdivision Name				Mailing Address of Present Owner <b>4301 N. RICHARDS STREET</b>			
Well ZIP Code <b>53212</b>				City of Present Owner <b>MILWAUKEE / GLENDALE</b>		State <b>WI</b>	
Lot #				ZIP Code <b>53212</b>			

3. Filled & Sealed Well / Drillhole / Borehole Information		4. Pump, Liner, Screen, Casing & Sealing Material	
Reason for Removal from Service <b>SITE CLOSURE</b>		WI Unique Well # of Replacement Well	
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>1988</b>	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.	
<input type="checkbox"/> Borehole / Drillhole		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A Screen removed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Casing left in place? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Was casing cut off below surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____		Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____	
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock		Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input checked="" type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips	
Total Well Depth From Ground Surface (ft.) <b>8.60</b>		Casing Diameter (in.) <b>2.0</b>	
Lower Drillhole Diameter (in.) <b>UNKNOWN</b>		Casing Depth (ft.) <b>8.60</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown		For Monitoring Wells and Monitoring Well Boreholes Only: <input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry	
If yes, to what depth (feet)?		Depth to Water (feet) <b>3.99</b>	

5. Material Used to Fill Well / Drillhole			
<b>BENTONITE CHIPS</b>			
From (ft.) Surface	To (ft.) <b>8.60</b>	No. Yards, Sacks Sealant or Volume (circle one) <b>25 LBS</b>	Mix Ratio or Mud Weight

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>TERRA-TRACE ENVIRONMENTAL</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9-6-2016</b>	Date Received	Noted By
Street or Route <b>28913 HERKY DRIVE, UNIT 305</b>		Telephone Number <b>(847) 549-8002</b>	Comments	
City <b>LAKE BLUFF</b>	State <b>IL</b>	ZIP Code <b>60044</b>	Signature of Person Doing Work <b>Edmund G. Dirsch</b>	Date Signed <b>9-6-2016</b>

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>MILWAUKEE</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>SPIC + SPAN, INC.</b>	
Latitude / Longitude (see instructions)		Format Code		Method Code		Facility ID (FID or PWS) <b>241040670</b>	
_____ N		<input type="checkbox"/> DD		<input type="checkbox"/> GPS008		License/Permit/Monitoring # <b>MW-2</b>	
_____ W		<input type="checkbox"/> DDM		<input type="checkbox"/> SCR002		Original Well Owner <b>SPIC + SPAN, INC.</b>	
_____ E		<input type="checkbox"/> OTH001		<input checked="" type="checkbox"/> E		Present Well Owner <b>SPIC + SPAN, INC.</b>	
_____ W		<input type="checkbox"/> W		_____ W		Present Well Owner <b>SPIC + SPAN, INC.</b>	
1/4 NE 1/4 SE		Section <b>05</b>		Township <b>7 N</b>		Range <b>22</b>	
or Gov't Lot #							
Well Street Address <b>4301 N. RICHARDS STREET</b>				Mailing Address of Present Owner <b>4301 N. RICHARDS STREET</b>			
Well City, Village or Town <b>MILWAUKEE / GLENDALE</b>				Well ZIP Code <b>53212</b>			
Subdivision Name				Lot #		City of Present Owner <b>MILWAUKEE / GLENDALE</b>	
						State <b>WI</b>	
						ZIP Code <b>53212</b>	

Reason for Removal from Service		WI Unique Well # of Replacement Well	
<b>SITE CLOSURE</b>		_____	
3. Filled & Sealed Well / Drillhole / Borehole Information			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>1998</b>	
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.	
<input type="checkbox"/> Borehole / Drillhole			
Construction Type:			
<input checked="" type="checkbox"/> Drilled		<input type="checkbox"/> Driven (Sandpoint)	
<input type="checkbox"/> Other (specify): _____		<input type="checkbox"/> Dug	
Formation Type:			
<input checked="" type="checkbox"/> Unconsolidated Formation		<input type="checkbox"/> Bedrock	
Total Well Depth From Ground Surface (ft.) <b>7.64</b>		Casing Diameter (in.) <b>2.0</b>	
Lower Drillhole Diameter (in.) <b>UNKNOWN</b>		Casing Depth (ft.) <b>7.64</b>	
Was well annular space grouted?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	
If yes, to what depth (feet)?		Depth to Water (feet) <b>3.97</b>	

4. Pump, Liner, Screen, Casing & Sealing Material			
Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Other (Explain): _____	
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface	<b>.25</b>	<b>5 LBS</b>	
	<b>7.64</b>	<b>25 LBS</b>	

6. Comments

7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>TERRA-TRACE ENVIRONMENTAL</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9-6-2016</b>	Date Received	Noted By
Street or Route <b>28913 HERRY DRIVE, UNIT 305</b>		Telephone Number <b>(847) 549-8002</b>	Comments	
City <b>LAKE BLUFF</b>	State <b>IL</b>	ZIP Code <b>60044</b>	Signature of Person Doing Work <b>Edna G. Dierck</b>	Date Signed <b>9-6-2016</b>



Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:  
 Drinking Water     Watershed/Wastewater     Remediation/Redevelopment  
 Waste Management     Other: \_\_\_\_\_

1. Well Location Information			2. Facility / Owner Information		
County <b>MILWAUKEE</b>	WI Unique Well # of Removed Well	Hicap #	Facility Name <b>SPIC + SPAN, INC.</b>		

Latitude / Longitude (see instructions) _____ N _____ W	Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM	Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001	Facility ID (FID or PWS) <b>241040670</b>
1/4 NE 1/4 SE or Gov't Lot #	Section <b>05</b>	Township <b>7 N</b>	License/Permit/Monitoring # <b>MW-3</b>

Range <input checked="" type="checkbox"/> E <input type="checkbox"/> W	Original Well Owner <b>SPIC + SPAN, INC.</b>
Well Street Address <b>4301 N. RICHARDS STREET</b>	Present Well Owner <b>SPIC + SPAN, INC.</b>

Well City, Village or Town <b>MILWAUKEE / GLENDALE</b>	Well ZIP Code <b>53212</b>
Subdivision Name	Lot #

City of Present Owner <b>MILWAUKEE / GLENDALE</b>	State <b>WI</b>	ZIP Code <b>53212</b>
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Reason for Removal from Service <b>SITE CLOSURE</b>	WI Unique Well # of Replacement Well	<b>4. Pump, Liner, Screen, Casing &amp; Sealing Material</b>
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3. Filled & Sealed Well / Drillhole / Borehole Information	
<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole	Original Construction Date (mm/dd/yyyy) <b>1998</b> If a Well Construction Report is available, please attach.

Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____	<input type="checkbox"/> Pump and piping removed?    Yes No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) removed?    Yes No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> Liner(s) perforated?    Yes No <input checked="" type="checkbox"/> N/A <input checked="" type="checkbox"/> Screen removed?    Yes No <input type="checkbox"/> N/A <input type="checkbox"/> Casing left in place?    Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Was casing cut off below surface?    Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Did sealing material rise to surface?    Yes No <input type="checkbox"/> N/A <input type="checkbox"/> Did material settle after 24 hours?    Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A If yes, was hole retopped?    Yes No <input type="checkbox"/> N/A <input type="checkbox"/> If bentonite chips were used, were they hydrated with water from a known safe source?    Yes No <input checked="" type="checkbox"/> N/A
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Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock	Required Method of Placing Sealing Material <input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped <input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____
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Total Well Depth From Ground Surface (ft.) <b>8.32</b>	Casing Diameter (in.) <b>2.0</b>	Sealing Materials <input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete <input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips
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Lower Drillhole Diameter (in.) <b>UNKNOWN</b>	Casing Depth (ft.) <b>8.32</b>	For Monitoring Wells and Monitoring Well Boreholes Only: <input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout <input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry
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Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown	Depth to Water (feet) <b>3.66</b>
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5. Material Used to Fill Well / Drillhole			
<b>BENTONITE CHIPS</b>	From (ft.) <b>Surface</b>	To (ft.) <b>8.32</b>	No. Yards, Sacks Sealant or Volume (circle one) <b>25 LBS</b>

6. Comments		
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7. Supervision of Work			DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>TERRA-TRACE ENVIRONMENTAL</b>	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9-6-2016</b>	Date Received	Noted By
Street or Route <b>28913 HERBY DRIVE, UNIT 305</b>	Telephone Number <b>(847) 549-8002</b>	Comments		
City <b>LAKE BLUFF</b>	State <b>IL</b>	ZIP Code <b>60044</b>	Signature of Person Doing Work <b>Edna G. Dirsch</b>	Date Signed <b>9-6-2016</b>

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:  
 Drinking Water       Watershed/Wastewater       Remediation/Redevelopment  
 Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>MILWAUKEE</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>SPIC + SPAN, INC.</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>241040670</b>	
1/4 NE 1/4 SE or Gov't Lot #		Section <b>05</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>MW-4</b>	
Range <b>22</b>		<input checked="" type="checkbox"/> E <input type="checkbox"/> W		Original Well Owner <b>SPIC + SPAN, INC.</b>		Present Well Owner <b>SPIC + SPAN, INC.</b>	
Well Street Address <b>4301 N. RICHARDS STREET</b>				Mailing Address of Present Owner <b>4301 N. RICHARDS STREET</b>			
Well City, Village or Town <b>MILWAUKEE / GLENDALE</b>		Well ZIP Code <b>53212</b>		City of Present Owner <b>MILWAUKEE / GLENDALE</b>		State <b>WI</b>	
Subdivision Name		Lot #		ZIP Code <b>53212</b>			

Reason for Removal from Service <b>SITE CLOSURE</b>		WI Unique Well # of Replacement Well	
<input checked="" type="checkbox"/> Monitoring Well <input type="checkbox"/> Water Well <input type="checkbox"/> Borehole / Drillhole		Original Construction Date (mm/dd/yyyy) <b>1988</b>	
If a Well Construction Report is available, please attach.			
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug <input type="checkbox"/> Other (specify): _____			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock			
Total Well Depth From Ground Surface (ft.) <b>7.50</b>		Casing Diameter (in.) <b>2.0</b>	
Lower Drillhole Diameter (in.) <b>UNKNOWN</b>		Casing Depth (ft.) <b>7.50</b>	
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown			
If yes, to what depth (feet)?		Depth to Water (feet)	

4. Pump, Liner, Screen, Casing & Sealing Material			
Pump and piping removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) removed?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Liner(s) perforated?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> N/A
Screen removed?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Casing left in place?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Was casing cut off below surface?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
Did sealing material rise to surface?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Did material settle after 24 hours?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> N/A
If yes, was hole retopped?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Required Method of Placing Sealing Material			
<input type="checkbox"/> Conductor Pipe-Gravity		<input type="checkbox"/> Conductor Pipe-Pumped	
<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips)		<input type="checkbox"/> Other (Explain): _____	
Sealing Materials			
<input type="checkbox"/> Neat Cement Grout		<input type="checkbox"/> Concrete	
<input type="checkbox"/> Sand-Cement (Concrete) Grout		<input checked="" type="checkbox"/> Bentonite Chips	
For Monitoring Wells and Monitoring Well Boreholes Only:			
<input checked="" type="checkbox"/> Bentonite Chips		<input type="checkbox"/> Bentonite - Cement Grout	
<input type="checkbox"/> Granular Bentonite		<input type="checkbox"/> Bentonite - Sand Slurry	

5. Material Used to Fill Well / Drillhole			
<b>BENTONITE CHIPS</b>			
From (ft.) <b>Surface</b>	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight

6. Comments

7. Supervision of Work				DNR Use Only	
Name of Person or Firm Doing Filling & Sealing <b>TERRA-TRACE ENVIRONMENTAL</b>		License #	Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9-6-2016</b>	Date Received	Noted By
Street or Route <b>28913 HERKY DRIVE, UNIT 305</b>			Telephone Number <b>(847) 549-8002</b>	Comments	
City <b>LAKE BLUFF</b>	State <b>IL</b>	ZIP Code <b>60044</b>	Signature of Person Doing Work <b>Edmund G. Dierck</b>	Date Signed <b>9-6-2016</b>	

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between \$10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

Verification Only of Fill and Seal

Route to DNR Bureau:

Drinking Water       Watershed/Wastewater       Remediation/Redevelopment

Waste Management       Other: \_\_\_\_\_

1. Well Location Information				2. Facility / Owner Information			
County <b>MILWAUKEE</b>		WI Unique Well # of Removed Well		Hicap #		Facility Name <b>SPIC + SPAN, INC.</b>	
Latitude / Longitude (see instructions) _____ N _____ W		Format Code <input type="checkbox"/> DD <input type="checkbox"/> DDM		Method Code <input type="checkbox"/> GPS008 <input type="checkbox"/> SCR002 <input type="checkbox"/> OTH001		Facility ID (FID or PWS) <b>241040670</b>	
1/4 NE 1/4 SE or Gov'l Lot #		Section <b>05</b>		Township <b>7 N</b>		License/Permit/Monitoring # <b>MW-5</b>	
Well Street Address <b>4301 N. RICHARDS STREET</b>		Well City, Village or Town <b>MILWAUKEE / GLENDALE</b>		Well ZIP Code <b>53212</b>		Original Well Owner <b>SPIC + SPAN, INC.</b>	
Subdivision Name		Lot #		City of Present Owner <b>MILWAUKEE / GLENDALE</b>		State <b>WI</b>	
Reason for Removal from Service <b>SITE CLOSURE</b>		WI Unique Well # of Replacement Well		City of Present Owner <b>MILWAUKEE / GLENDALE</b>		State <b>WI</b>	
3. Filled & Sealed Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date (mm/dd/yyyy) <b>1-27-2015</b>		Pump and piping removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Water Well		If a Well Construction Report is available, please attach.		Liner(s) removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
<input type="checkbox"/> Borehole / Drillhole				Liner(s) perforated? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
Construction Type: <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				Screen removed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Formation Type: <input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				Casing left in place? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Total Well Depth From Ground Surface (ft.) <b>9.85</b>		Casing Diameter (in.) <b>1.0</b>		Was casing cut off below surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Lower Drillhole Diameter (in.) <b>UNKNOWN</b>		Casing Depth (ft.) <b>9.85</b>		Did sealing material rise to surface? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Was well annular space grouted? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown				Did material settle after 24 hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
If yes, to what depth (feet)?		Depth to Water (feet)		If yes, was hole retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
				If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A			
5. Material Used to Fill Well / Drillhole				Required Method of Placing Sealing Material			
<b>BENTONITE CHIPS</b>				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
				<input checked="" type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
				Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Concrete			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input checked="" type="checkbox"/> Bentonite Chips			
				For Monitoring Wells and Monitoring Well Boreholes Only:			
				<input checked="" type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			
6. Comments				7. Supervision of Work			
				DNR Use Only			
Name of Person or Firm Doing Filling & Sealing <b>TERRA-TRACE ENVIRONMENTAL</b>		License #		Date of Filling & Sealing or Verification (mm/dd/yyyy) <b>9-6-2016</b>		Date Received	
Street or Route <b>28913 HERKY DRIVE, UNIT 305</b>		Telephone Number <b>(847) 549-8002</b>		Comments		Noted By	
City <b>LAKE BLUFF</b>		State <b>IL</b>		ZIP Code <b>60044</b>		Signature of Person Doing Work <b>Edmund C. Diersh</b>	
						Date Signed <b>9-6-2016</b>	





## Attachment G

Source Legal Documents

SOURCE PROPERTY

This indenture, Made this 13th day of February, A. D. 1962, between Dahlman Construction Company, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Glendale, Milwaukee County, Wisconsin, party of the first part, and Spic and Span Realty, Inc., a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee, Wisconsin, party of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of \$1.00 and other valuable consideration

has granted, sold, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, then, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate situated in the County of Milwaukee and State of Wisconsin, to-wit:

Lot numbered Seventy (70) and the West One Foot (W.1') of Lot numbered Sixty-nine (69), in Comstock and Williams Subdivision of Lots numbered One (1), Two (2), Three (3), Four (4) and Five (5) of Section numbered Five (5) and the South East One-quarter (S.E.1/4) of Section numbered Five (5) and the North-West One-quarter (N.W.1/4) of Section numbered Four (4), in Township numbered Seven (7) North, Range numbered Twenty-two (22) East.

Together with all regular hereditaments and appurtenances thereto belonging or in any way appertaining to the same, together with the interest therein or deemed whatsoever, of the said party of the first part, at the time of the execution hereof, together with the interest therein or deemed whatsoever, of the said party of the second part, in the above bargained premises, and their hereditaments and appurtenances.

And the said party of the first part, by these presents, does hereby confirm and affirm unto the said party of the second part, its successors and assigns FOREVER

And the said party of the first part, for itself and its successors, does covenant, grant, bargain and agree, in and with the said party of the second part, its successors and assigns, that the covenants and liabilities of these presents, as well as the premises hereinafter described, shall be held free and clear of all taxes, assessments, liens, mortgages, judgments, claims, demands, charges, taxes, levies, and other encumbrances, excepting municipal and zoning ordinances and recorded utility easements, and agreement executed by Grantor to the City of Glendale, dated October 9, 1957, recorded October 23, 1957, in Vol. 3754, page 556, as Doc. No. 3616454 in the Register's Office, Milwaukee County, Wisconsin, and that the said party of the second part, its successors and assigns, shall have the quiet and peaceable possession of the whole or any part thereof, it will forego, WARRANT and DEFEND.

In Witness Whereof, the said Dahlman Construction Company, party of the first part, has caused these presents to be signed by John H. Dahlman, Sr., its President, and countersigned by Walter Martini, Secretary, at MILWAUKEE, Wisconsin, this 13th day of February, A. D. 1962.

SIGNED AND SEALED IN PRESENCE OF DAHLMAN CONSTRUCTION COMPANY, Corporation

George H. Field

(John H. Dahlman, Sr.)

Robert W. Caspari

(Walter Martini)

STATE OF WISCONSIN Milwaukee County, Wisconsin, before me, this 13th day of February, A. D. 1962, John H. Dahlman, Sr., President, and Walter Martini, Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

Received for Record this 13th day of February, A. D. 1962, at 6 o'clock M. Robert W. Caspari, Notary Public, Milwaukee, Wisconsin. My Commission expires 24th September, A. D. 1964.

This instrument was drafted by Bernard V. Brady of Brady, Tyrrell & Bruce

SOURCE  
PROPERTY

Warranty Deed

REGISTER'S OFFICE } ss.  
Milwaukee County, Wis.

RECORDED AT \_\_\_\_\_

on \_\_\_\_\_ in  
Vol. \_\_\_\_\_ Page \_\_\_\_\_

*Chas. A. Heinen*  
REGISTER OF DEEDS

REC 4218 68

This Indenture, Made this 11th day of December, A. D. 1961, between SQUARE D COMPANY, Michigan with offices at Milwaukee, Wisconsin, and existing under and by virtue of the laws of the State of Wisconsin, a Corporation duly organized and party of the first part, and SPIC & SPAN REALTY, INC., a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee Wisconsin, party of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration

to it paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate situated in the County of Milwaukee and State of Wisconsin, to-wit:

Lot numbered Sixty-nine (69), and the North One-half (1/2) of Lot numbered Eighty (80), except the West One (1) foot thereof, in Comstock and Williams Subdivision of Lots numbered One (1), Two (2), Three (3), Four (4), and Five (5) of Section numbered Five (5) and the South East One-quarter (1/4) of Section numbered Five (5) and the North West One-quarter (1/4) of Section numbered Four (4), in Township numbered Seven (7) North, Range numbered Twenty-two (22) East, partly in the City of Milwaukee and partly in the City of Glendale, Milwaukee County, Wisconsin, together with any and all right, title and interest of the party of the first part in and to the vacated portion of Adams Avenue pertaining to the above described Lot Sixty-Nine (69), and except that part deeded to the City of Milwaukee by deed recorded in Volume 2477, Page 401, as Document No. 2779230, Milwaukee County, Wisconsin.

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To have and in hold the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its successors and assigns FOREVER.

And the said Square D Company party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the executing and delivery of these presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever, except municipal and zoning ordinances and recorded utility easements

and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT and DEFEND

In Witness Whereof, the said Square D Company party of the first part, has caused these presents to be signed by

and countersigned by its Secretary, at Milwaukee, Wisconsin, and its corporate seal to be hereunto affixed, this 11th day of DECEMBER, A. D. 1961

SIGNED AND SEALED IN PRESENCE OF

SQUARE D COMPANY

Gladys E. Grady

L. G. Macchtlen

Doris M. Jonasson

T. R. Oakes

STATE OF WISCONSIN, County of COOK

Personally came before me, this 11th day of December, A. D. 1961, L. G. Macchtlen, President, and T. R. Oakes, Secretary

of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers of the deed of said Corporation by its authority.

Received for Record this day of A. D. 19 at o'clock M.

Joyce M. Bumbas

Register of Deeds Deputy Register of Deeds

Notary Public My Commission expires Oct. 28, 1964

This Instrument was drafted by Foley, Sammond & Lardner by Thomas Ehrlich



SOURCE  
PROPERTY

old 4202 PAGE 577

2.00

No. 3923399

No.

SQUARE D COMPANY  
To  
P & SPAN REALTY, INC.

50416  
50416  
**Warranty Deed**  
This instrument should be immediately placed on file to avoid  
trouble and litigation.  
This space reserved for  
Register of Deeds

2061  
REGISTER'S OFFICE  
Milwaukee County, Wis.  
RECORDED AT 35  
on DEC 20 1961 in  
Vol. 4202 deeds Page 577  
*Clyde A. Heinen*  
REGISTER OF DEEDS

Return to

Foley, SAMMOND & LARDNER  
BOX 55  
LAP  
2.00



**EXHIBIT A**

Legal Description

That part of vacated Lots 57, 58, 67, 68 and 131 all in Comstock & Williams Subdivision in the Southeast ¼ of Section 5, Town 7 North, Range 22 East, partly in the City of Glendale and partly in the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows:

Commencing at a point on the East line and 84.32 feet South of the Northeast corner of said ¼ Section; thence South along the East line of said Section 591.93 feet to a point; thence North 35° 51' West on a line 64.85 feet to the Southeast corner of vacated Lot 68 aforesaid; thence West along the South line of vacated Lots 67 and 68 aforesaid 841.48 feet to the Southwest corner of vacated Lot 67 aforesaid; thence North along the West line of vacated Lots 67 and 58 aforesaid 282.22 feet to a point; thence North and Northeasterly along a curved line whose center is to the Southeast and radius 612.27 feet, 371.40 feet to a point in the South line of the Chicago, Milwaukee, St. Paul and Pacific Railroad Company right-of-way, which point is 33 feet South of the North line of said ¼ Section; thence East along the South line of said right-of-way which is 33 feet South of and parallel to the North line of said ¼ Section 317.40 feet to a point; thence East and Southeasterly on a curved line, whose center is to the Southwest and radius 1294.63 feet 370.80 feet to the place of beginning.

And all that certain piece or parcel of land, situate, lying and being in the City of Glendale, County of Milwaukee, and State of Wisconsin, described as follows:

That part of the Southeast ¼ of Section 5, Town 7 North, Range 22 East, bounded and described as follows:

Commencing at a point located by the following three courses and distances from the Northwest corner of said ¼ Section; (1) South 0° 13' 10" East along the West line of said ¼ Section a distance of 33.00 feet to the Southerly line of the right-of-way of the Chicago, Milwaukee, St. Paul and Pacific Railroad; (2) North 89° 24' 50" East along said Southerly right-of-way line a distance of 1765.67 feet; and (3) South 0° 10' 40" East a distance of 308.39 feet which point of commencement as so located is in the Easterly line of the right-of-way of the Chicago & Northwestern Railway; running thence from said point of commencement as so located, the following four courses and distances: (1) South 0° 10' 40" East a distance of 318.21 feet; (2) South 89° 49' 20" West a distance of 20 feet to said Easterly line of the right-of-way of the Chicago & Northwestern Railway; (3) North 0° 10' 40" West along said Easterly right-of-way line a distance of 162.61 feet; (4) Northerly, still along said Easterly right-of-way line and along the arc of a circle having its center to the East and a radius of 612.27 feet to the place of commencement, excepting therefrom the Southerly 35.99 feet.

EXCEPTING THEREFROM, that part conveyed to The City Development Authority for the City of Glendale by Quit Claim Deed recorded September 4, 1997 as Document No. 7416078.

Tax Key Nos. 242-9997-7 (City of Milwaukee) and 242-8997-001 (City of Glendale)

Address: 4353 N. Richards Street, Milwaukee, Wisconsin







## Assessment Detail and Listing Characteristics

Taxkey	Premise Address	Nbhd	Plat	Assessment County	Class
<u>2420201000</u>	4301 N RICHARDS ST	6236	24202	Milwaukee	Local Mercantile

Ownership Information	Conveyance	Assessment Information
SPIC & SPAN REALTY INC 4301 N RICHARDS ST MILWAUKEE WI 53212	Deed Type Date Fee <i>Name or Address Change: 1989-03-10</i>	Year Current Previous Land 48100 48100 Imprv 237900 243900 Total 286000 292000
	0.00	

Org Year	Drop Year	Zoning	Ald. District	Census
		IL2	6	004400-

### Legal Description

COMSTOCK & WILLIAMS SUBD OF LOTS 1 TO 5 SEC 5 & SE 1/4 SEC 5 & NW 1/4 SEC 4-7-22 E 162' (LOT 69 & N 100' LOT 80) EXC ST

Lot Sqft	Lot Acres	Lot Frontage	Lot Depth	Excess Land	Total Sqft
0	.8750	0	0	0.0000	38115

Building	Stories	Description	Gross Area	Units	Exterior Wall	Year Built
1	1.0	Warehouse Building - 1 Story	41158	1	Concrete Block	1952

Building	Unit Nr	Use Description	Area	Floor	Similar Units	Mkt Rent SqFt
1	N/A	Service Building	41158	1	1	.95

[Recent Permits](#)     
 [Sale History](#)     
 [Assessment History](#)     
 [Tax Balance](#)     
 [About Site](#)

Data Provided By Assessor Query From: 207.250.243.26



Public Access signed in Thursday, June 30, 2016 Sign-out About Home Search

## City of Glendale, Wisconsin Web Portal

To use this portal, enter your search criteria and click Search to view a list of results. Search results can be sorted by column, just click on the column heading. Click on the parcel listed in the results to view its details. Use the left sidebar to navigate through the available types of information. Tax payments will appear on this site the day after they are received. Note that Interest/Penalty amounts may be inaccurate if affected by a grace period. Call (414) 228-1701 for a payoff amount.

Search By: **Parcel** Reset Search | Show Search

- Parcel
- Taxes
- Assessments
- Documents

Tax Year	Prop Type	Parcel Number	Property Address	Owner
2015 <input type="button" value="v"/>	Real Estate	233-1180-000	4301 N RICHARDS ST	SPIC & SPAN REALTY, INC

**Tax Year Legend:** + \$ = owes prior year taxes X = not assessed \$ = not taxed Delinquent Current

### Summary

Net Mill Rate: <b>0.027532997</b>	Bill #: <b>10204</b>
-----------------------------------	----------------------

### Bill Address

SPIC & SPAN REALTY, INC 4301 N RICHARDS ST GLENDALE WI 53212-1015
---

### Details

Description	Amount	Paid	Due
Gross Tax	29721.99	-	-
School Credit	1800.77	-	-
<input checked="" type="checkbox"/> Total	27921.22	-	-
First Dollar Credit	79.40	-	-
Lottery Credit	0.00	-	-
Net Tax	27841.82	27841.82	0.00
Special Assessments	0.00	0.00	0.00
Special Charges	0.00	0.00	0.00
Delinquent Utility	0.00	0.00	0.00
PrivateForest Crop	0.00	0.00	0.00
Woodland Tax Law	0.00	0.00	0.00
Managed Forest Land	0.00	0.00	0.00
Other Charges	0.00	0.00	0.00
Interest	-	0.00	0.00
Penalty	-	0.00	0.00
<b>TOTAL</b>	<b>27841.82</b>	<b>27841.82</b>	<b>0.00</b>

### Installments

Due Date ▲	Amount
1/31/2016	9466.22
3/31/2016	9187.80
5/31/2016	9187.80

### Lottery Credits

Claims	Date	Amount
0		0.00

Description	Amount	Paid	Due
Interest/Penalty Date	06/30/2016		<a href="#">Recalculate</a>

**Payments**

Status	Payment Date ▲	Type	Amount	Receipt #	Notes
Posted	12/28/2015	T	27841.82	2663	SPIC & SPAN #136012

Key: Property Type: RE - Real Estate, PP - Personal Property  
 Payment Type: A - Adjustment, R - Redemption, T - Current Tax

[Print Tax Details](#) [Print Tax Bill](#) Adobe Reader is required to view tax details and tax bills. [Download Adobe Reader](#)

Type	Owner	Status	Parcel #	Property Address	Municipality	PLS/Tract	Alt. Parcel #
RE	SPIC & SPAN REALTY, INC	CURRENT OWNER	233-1180-000	4301 N RICHARDS ST	CITY OF GLENDALE	05-07N-22E	

**Legend:** = owes prior year taxes **Current Parcel** **Historical Parcel**

**Search powered by**  
  
 Version 1.21.2.0  
 Copyright © 2000-2015  
 Report-/Print engine  
 List & Label ® Version 19:  
 Copyright combit® GmbH  
 1991-2013

Linda DiFrances, City Treasurer [L.DiFrances@glendale-wi.org](mailto:L.DiFrances@glendale-wi.org)



City of Glendale, Wisconsin Web Portal

Search powered by



Report-/Print engine  
List & Label @ Version 19:  
Copyright combit® GmbH  
1991-2013

Tax Year	Prop Type	Parcel Number	Municipality	Property Address	Owner
2015	Real Estate	233-1181-000	231 - CITY OF GLENDALE	N LYDELL AVE	SPIC & SPAN REALTY, INC

**Tax Year Legend:** = owes prior year taxes    = not assessed    = not taxed    **Delinquent**    **Current**

Tax Summary

Bill #: 10205	Net Mill Rate: 0.027532997
---------------	----------------------------

Bill Address

SPIC & SPAN REALTY, INC 4301 N RICHARDS ST GLENDALE WI 53212-1015
---

Installments

Due Date ▲	Amount
1/31/2016	1216.97
3/31/2016	1181.16
5/31/2016	1181.16

Lottery Credits

Claims	Date	Amount
0		0.00

Details

Description	Amount	Paid	Due
Gross Tax	3810.13	-	-
School Credit	230.84	-	-
<input checked="" type="checkbox"/> Total	3579.29	-	-
First Dollar Credit	0.00	-	-
Lottery Credit	0.00	-	-
Net Tax	3579.29	3579.29	0.00
Special Assessments	0.00	0.00	0.00
Special Charges	0.00	0.00	0.00
Delinquent Utility	0.00	0.00	0.00
PrivateForest Crop	0.00	0.00	0.00

Tax History

Year	Gross Tax	Interest Paid	Penalties Paid	Paid	Last Paid	Status
2015	3579.29	0.00	0.00	3579.29	12/28/2015	Paid
2014	3513.05	0.00	0.00	3513.05	12/26/2014	Paid
2013	3592.79	0.00	0.00	3592.79	12/26/2013	Paid

Payments

Status	Payment Date ▲	Type	Amount	Receipt #	Notes
Posted	12/28/2015	T	3579.29	2664	SPIC & SPAN #136012

Key: Property Type: RE - Real Estate, PP - Personal Property



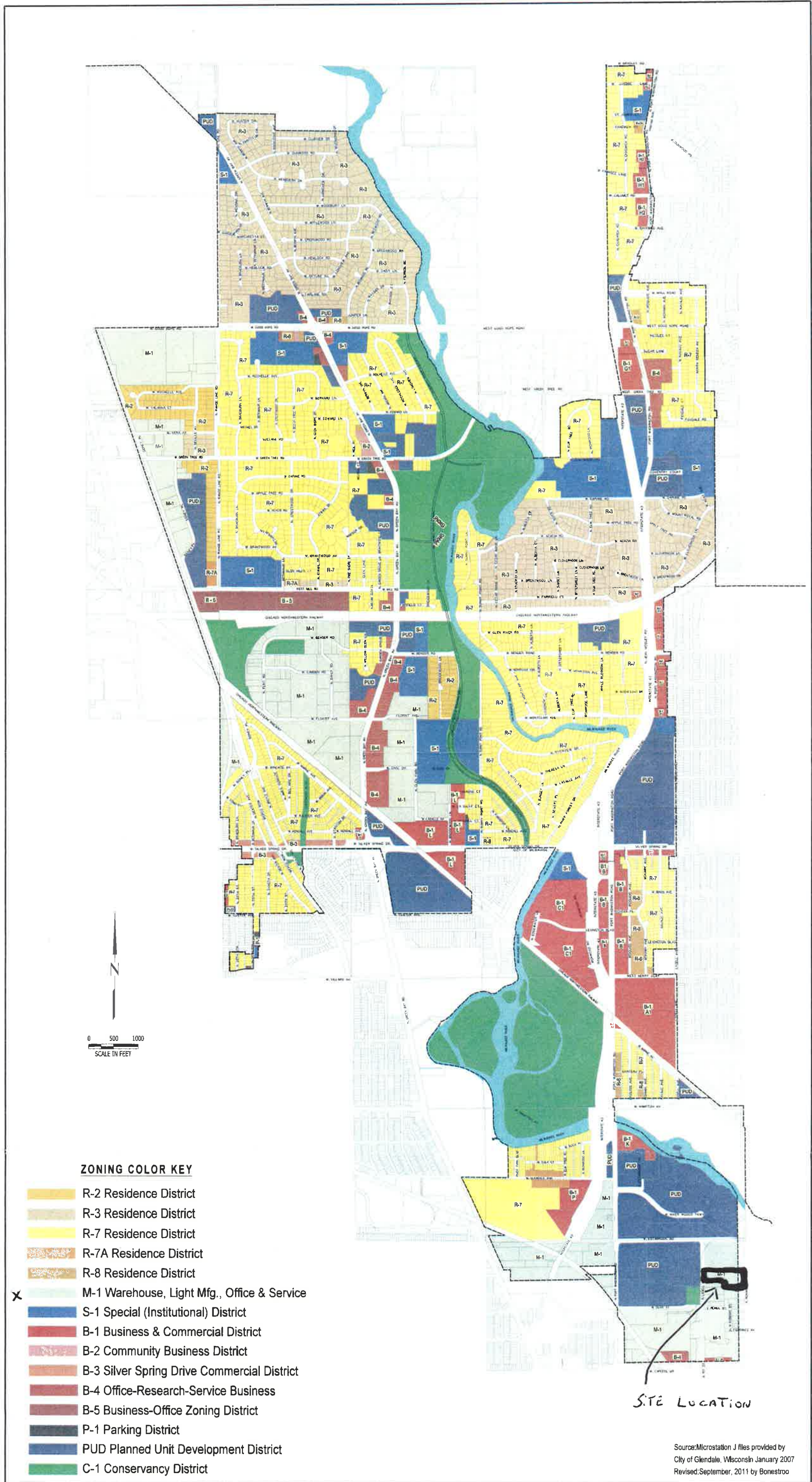
Description	Amount	Paid	Due
Woodland Tax Law	0.00	0.00	0.00
Managed Forest Land	0.00	0.00	0.00
Other Charges	0.00	0.00	0.00
Interest	-	0.00	0.00
Penalty	-	0.00	0.00
<b>TOTAL</b>	<b>3579.29</b>	<b>3579.29</b>	<b>0.00</b>

Payment Type: A - Adjustment, R - Redemption, T - Current Tax



Interest/Penalty Date

# City of Glendale Zoning Map



4301 North Richards Street  
Milwaukee, WI 53212-1097

414-964-5050  
Fax 414-964-5042

August 16, 2013

Mr. John Hnat  
Wisconsin Department of Natural Resources  
2300 North Martin Luther King Drive  
Milwaukee WI 53212

Subject: Spic and Span, Inc.  
4301 North Richards Street  
Milwaukee WI 53212

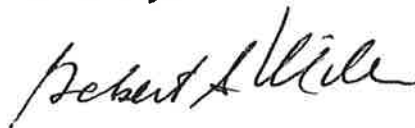
BRRTS# 02-41-000033

Dear Mr. Hnat:

Attached please find the deed and legal description for the above referenced property. To the best of my knowledge, the legal description in the documents are complete and accurate and describe the empty lot located behind 4301 North Richards Street (N. Lydell Avenue) Milwaukee, Wisconsin.

If you have any question regarding the information presented, please contact me.

Sincerely,



Robert A. Miller  
President

RAM/ll