

June 7, 2022



Mr. Greg Michael
Wisconsin Department of Natural Resources
1027 West St. Paul Avenue
Milwaukee, WI 53233

RE: Soil Cap Approval/Notification for the South of National Avenue (SoNa) Property Formerly the 700 Series Properties (Parcel 705) in West Allis, Wisconsin — FEC Project No. 210807; DNR FID No. 341117040; BRRTS No. 02-41-544080

Dear Mr. Michael:

Friess Environmental Consulting (FEC) has prepared this letter to obtain/confirm approval for use of the approved capping soils from the NoNa development (former Pressed Steel; DNR BRRTS # 02-41-385114) site that were placed on the above referenced property.

Project Background

As you are aware, the DNR approved the soil management plan for the former Pressed Steel site that indicated soils that did not contain concentrations of VOCs or PAHs that exceed the direct-contact RCLs were segregated and utilized as part of the soil cap across the NoNa site and/or placed on SoNa (Parcel 705). The soil management plan and construction documentation report for the former Pressed Steel Site (NoNa) indicated that approximately 10,224 cubic yards (864 truckloads) of cover soil was excavated from the NoNa site and stockpiled on SoNa (Parcel 705). The excavated soil originated from areas with contaminant concentrations that did not exceed the non-industrial direct contact RCLs. Approximately 4,600 cubic yards of this soil stockpile was transported back to the NoNa site and approved for use as cover material above the PCB and PAH affected soils. Approximately 5,600 cubic yards remained on SoNa (Parcel 705).

The management of the 4,600 cubic yards of transferred materials were detailed in the soils management plan and remedial documentation report for the former Pressed Steel site (NoNa) and approved for use as capping material on that site. The remaining 5,600 cubic yards remaining on the SoNa site were considered by the DNR as an exempt solid waste and are intended to be utilized as clean fill and capping material on the SoNa site.

A copy of the approved soil management plan for the former Pressed Steel site with the sampling results is included. The location of the initial placement of the NoNa soils on the SoNa property is illustrated on Figure 6.

Proposed Capping Activities

As part of initial site grading of the SoNa property, approximately 5,300 cubic yards of the former NoNa exempt capping soils remaining on the SoNa site were excavated and stockpiled in two separate areas illustrated on Figure 6 attached. These soils are proposed to be utilized as capping material that will be a minimum of 18-inches thick in all non-paved areas of the site illustrated on Figure 11. An additional 3-inches of imported topsoil will be placed over these soils to ensure vegetative growth on the soil capping areas. FEC believes the proposed cap thickness will be protective for the intended use of the property.

Conclusions and Recommendations

The 5,600 cubic yards of exempt soil that were placed on SoNa from the former Pressed Steel site did not contain concentrations of VOCs or PAHs that exceed the direct-contact RCLs and were considered by the DNR as an exempt solid waste. These soils are intended to be utilized as part of the 18-inch clean soil cap on the SoNa site. An additional 3-inches of imported topsoil will be placed over these soils to ensure vegetative growth on the soil capping areas.

Please confirm that a specific approval is not needed to use the exempt fill as a cap and/or approve the use of the exempt material that was previously reviewed by the DNR as part of the approved NoNa soil management plan. Please call us at (414) 228-9815 if you have any questions.

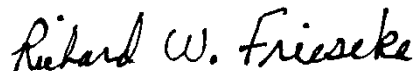
Respectfully,

FRIESS ENVIRONMENTAL CONSULTING, INC.



Trenton J. Ott
Project Manager

210807 NoNa soil approval



Richard W. Frieseke, P.E.
President

South 66th Street

West National Avenue

West Mitchell Street

SB-16
Temporary Soil Staging Area




Temporary Soil Staging Area

2018 Soil Deposition Area

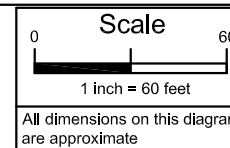
Property Line

Property Line

KEY

-  = SI monitoring well location
-  = SI boring location
-  = SI excavation sample location

2018 Soil Management Diagram
 Parcel 705 - SoNa Property
 6633 - 39 W. National Avenue
 West Allis, Wisconsin



Figure

6



File No.: 210807
 DWG Date: 10-24-21
 Rev Date:
 Drawn By: TJO
 Checked By (PM): TJO

South 66th Street

West National Avenue

West Mitchell Street

Proposed Building






Proposed Building

Existing Building

Proposed Building

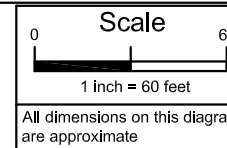
Proposed Building

KEY

-  = SI monitoring well location
-  = SI boring location
-  = Concrete cap
-  = Asphalt cap
-  = Landscape cap

Development Plan and Cap Diagram

Parcel 705 - SoNa Property
 6633 - 39 W. National Avenue
 West Allis, Wisconsin



Figure

11

Notice: Use this form to request a **written response (on agency letterhead)** from the Department of Natural Resources (DNR) regarding technical assistance, a post-closure change to a site, a specialized agreement or liability clarification for Property with known or suspected environmental contamination. A fee will be required as is authorized by s. 292.55, Wis. Stats., and NR 749, Wis. Adm. Code., unless noted in the instructions below. 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.].

Definitions

"Property" refers to the subject Property that is perceived to have been or has been impacted by the discharge of hazardous substances.

"Liability Clarification" refers to a written determination by the Department provided in response to a request made on this form. The response clarifies whether a person is or may become liable for the environmental contamination of a Property, as provided in s. 292.55, Wis. Stats.

"Technical Assistance" refers to the Department's assistance or comments on the planning and implementation of an environmental investigation or environmental cleanup on a Property in response to a request made on this form as provided in s. 292.55, Wis. Stats.

"Post-closure modification" refers to changes to Property boundaries and/or continuing obligations for Properties or sites that received closure letters for which continuing obligations have been applied or where contamination remains. Many, but not all, of these sites are included on the GIS Registry layer of RR Sites Map to provide public notice of residual contamination and continuing obligations.

Select the Correct Form

This form should be used to request the following from the DNR:

- Technical Assistance
- Liability Clarification
- Post-Closure Modifications
- Specialized Agreements (tax cancellation, negotiated agreements, etc.)

Do not use this form if one of the following applies:

- Request for an **off-site liability exemption or clarification** for Property that has been or is perceived to be contaminated by one or more hazardous substances that originated on another Property containing the source of the contamination. Use DNR's Off-Site Liability Exemption and Liability Clarification Application Form 4400-201.
- Submittal of an Environmental Assessment for the **Lender Liability Exemption**, s 292.21, Wis. Stats., **if no response or review by DNR is requested**. Use the Lender Liability Exemption Environmental Assessment Tracking Form 4400-196.
- Request for an **exemption to develop on a historic fill site** or licensed landfill. Use DNR's Form 4400-226 or 4400-226A.
- **Request for closure** for Property where the investigation and cleanup actions are completed. Use DNR's Case Closure - GIS Registry Form 4400-202.

All forms, publications and additional information are available on the internet at: dnr.wi.gov/topic/Brownfields/Pubs.html.

Instructions

1. Complete sections 1, 2, 6 and 7 for all requests. Be sure to provide adequate and complete information.
2. Select the type of assistance requested: Section 3 for technical assistance or post-closure modifications, Section 4 for a written determination or clarification of environmental liabilities; or Section 5 for a specialized agreement.
3. Include the fee payment that is listed in Section 3, 4, or 5, unless you are a "Voluntary Party" enrolled in the Voluntary Party Liability Exemption Program **and** the questions in Section 2 direct otherwise. Information on to whom and where to send the fee is found in Section 8 of this form.
4. Send the completed request, supporting materials and the fee to the appropriate DNR regional office where the Property is located. See the map on the last page of this form. A paper copy of the signed form and all reports and supporting materials shall be sent with an electronic copy of the form and supporting materials on a compact disk. For electronic document submittal requirements see: <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>

The time required for DNR's determination varies depending on the complexity of the site, and the clarity and completeness of the request and supporting documentation.

Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

Form 4400-237 (R 9/15)

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Section 1. Contact and Recipient Information

Requester Information

This is the person requesting technical assistance or a post-closure modification review, that his or her liability be clarified or a specialized agreement and is identified as the requester in Section 7. DNR will address its response letter to this person.

Last Name	First	MI	Organization/ Business Name
Martin	Ian		Six Points Office LLC
Mailing Address			City
330 East Kilbourn Avenue, Suite 600 South			Milwaukee
			State
			WI
			ZIP Code
			53202
Phone # (include area code)	Fax # (include area code)	Email	
(414) 270-2745		imartin@mandelgroup.com	

The requester listed above: (select all that apply)

- Is currently the owner
 Is considering selling the Property
 Is renting or leasing the Property
 Is considering acquiring the Property
 Is a lender with a mortgagee interest in the Property
 Other. Explain the status of the Property with respect to the applicant:

Six Points Office LLC is currently the owner of the northern portion of the Site and Six Points West Allis Apartments, LLC is negotiating for the purchase of the southern portion of the Site. Six Points Office LLC and Six Points West Allis Apartments LLC are affiliates of Mandel Group, Inc.

Contact Information (to be contacted with questions about this request) Select if same as requester

Contact Last Name	First	MI	Organization/ Business Name
Hedinger	Kevin	M	GZA GeoEnvironmental, Inc.
Mailing Address			City
20900 Swenson Drive, Suite 150			Waukesha
			State
			WI
			ZIP Code
			53186
Phone # (include area code)	Fax # (include area code)	Email	
(262) 754-2578	(262) 754-9711	kevin.hedinger@gza.com	

Environmental Consultant (if applicable)

Contact Last Name	First	MI	Organization/ Business Name
Hedinger	Kevin	M	GZA GeoEnvironmental, Inc.
Mailing Address			City
20900 Swenson Drive, Suite 150			Waukesha
			State
			WI
			ZIP Code
			53186
Phone # (include area code)	Fax # (include area code)	Email	
(262) 754-2578	(262) 754-9711	kevin.hedinger@gza.com	

Property Owner (if different from requester)

Contact Last Name	First	MI	Organization/ Business Name
Stibal	John		Community Development Authority, City of West Allis
Mailing Address			City
67525 W. Greefield Avenue			West Allis
			State
			WI
			ZIP Code
			53214
Phone # (include area code)	Fax # (include area code)	Email	
(414) 302-8200		jstibal@westalliswi.com	

Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

Form 4400-237 (R 9/15)

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Section 2. Property Information

Property Name Former Pressed Steel Tank		FID No. (if known) 241037940	
BRRTS No. (if known) 02-41-385114	Parcel Identification Number 4540651000		
Street Address 1455 Six Points Crossing	City West Allis	State WI	ZIP Code 53214
County Milwaukee	Municipality where the Property is located <input checked="" type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village of	Property is composed of: <input checked="" type="radio"/> Single tax parcel <input type="radio"/> Multiple tax parcels	Property Size Acres 8

1. Is a response needed by a specific date? (e.g., Property closing date) Note: Most requests are completed within 60 days. Please plan accordingly.

No Yes

Date requested by: 03/30/2018

Reason: As part of the first phase of redevelopment of this property, a portion of the soils will be excavated from the southern portion of the property and placed beneath the parking lot on the medical office building in the northern portion of the property.

2. Is the "Requester" enrolled as a Voluntary Party in the Voluntary Party Liability Exemption (VPLE) program?

No. Include the fee that is required for your request in Section 3, 4 or 5.

Yes. Do not include a separate fee. This request will be billed separately through the VPLE Program.

Fill out the information in Section 3, 4 or 5 which corresponds with the type of request:

Section 3. Technical Assistance or Post-Closure Modifications;

Section 4. Liability Clarification; or Section 5. Specialized Agreement.

Section 3. Request for Technical Assistance or Post-Closure Modification

Select the type of technical assistance requested: [Numbers in brackets are for WI DNR Use]

- No Further Action Letter (NFA) (Immediate Actions) - NR 708.09, [183] - Include a fee of \$350. Use for a written response to an immediate action after a discharge of a hazardous substance occurs. Generally, these are for a one-time spill event.
- Review of Site Investigation Work Plan - NR 716.09, [135] - Include a fee of \$700.
- Review of Site Investigation Report - NR 716.15, [137] - Include a fee of \$1050.
- Approval of a Site-Specific Soil Cleanup Standard - NR 720.10 or 12, [67] - Include a fee of \$1050.
- Review of a Remedial Action Options Report - NR 722.13, [143] - Include a fee of \$1050.
- Review of a Remedial Action Design Report - NR 724.09, [148] - Include a fee of \$1050.
- Review of a Remedial Action Documentation Report - NR 724.15, [152] - Include a fee of \$350
- Review of a Long-term Monitoring Plan - NR 724.17, [25] - Include a fee of \$425.
- Review of an Operation and Maintenance Plan - NR 724.13, [192] - Include a fee of \$425.

Other Technical Assistance - s. 292.55, Wis. Stats. [97] (For request to build on an abandoned landfill use Form 4400-226)

- Schedule a Technical Assistance Meeting - Include a fee of \$700.
- Hazardous Waste Determination - Include a fee of \$700.
- Other Technical Assistance - Include a fee of \$700. Explain your request in an attachment.

Post-Closure Modifications - NR 727, [181]

- Post-Closure Modifications: Modification to Property boundaries and/or continuing obligations of a closed site or Property; sites may be on the GIS Registry. This also includes removal of a site or Property from the GIS Registry. Include a fee of \$1050, and:
 - Include a fee of \$300 for sites with residual soil contamination; and
 - Include a fee of \$350 for sites with residual groundwater contamination, monitoring wells or for vapor intrusion continuing obligations.

Attach a description of the changes you are proposing, and documentation as to why the changes are needed (if the change to a Property, site or continuing obligation will result in revised maps, maintenance plans or photographs, those documents may be submitted later in the approval process, on a case-by-case basis).

Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

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Skip Sections 4 and 5 if the technical assistance you are requesting is listed above and complete Sections 6 and 7 of this form.

Section 5. Request for a Specialized Agreement

Select the type of agreement needed. Include the appropriate draft agreements and supporting materials. Complete Sections 6 and 7 of this form. More information and model draft agreements are available at: dnr.wi.gov/topic/Brownfields/lgu.html#tabx4.

Tax cancellation agreement - s. 75.105(2)(d), Wis. Stats. [654]

❖ Include a fee of \$700, and the information listed below:

- (1) Phase I and II Environmental Site Assessment Reports,
- (2) a copy of the Property deed with the correct legal description; and,
- (3) a draft 75.105 agreement based on the DNR's model (dnr.wi.gov/topic/brownfields/documents/mod75-105agrmt.pdf).

Agreement for assignment of tax foreclosure judgement - s.75.106, Wis. Stats. [666]

❖ Include a fee of \$700, and the information listed below:

- (1) Phase I and II Environmental Site Assessment Reports,
- (2) a copy of the Property deed with the correct legal description; and,
- (3) a draft 75.105 agreement based on the DNR's model (dnr.wi.gov/topic/brownfields/documents/mod75-106agrmt.pdf).

Negotiated agreement - Enforceable contract for non-emergency remediation - s. 292.11(7)(d) and (e), Wis. Stats. [630]

❖ Include a fee of \$1400, and the information listed below:

- (1) a draft schedule for remediation; and,
- (2) the name, mailing address, phone and email for each party to the agreement.

Section 6. Other Information Submitted

Identify all materials that are included with this request.

Include one copy of any document from any state agency files that you want the Department to review as part of this request. The person submitting this request is responsible for contacting other state agencies to obtain appropriate reports or information.

Phase I Environmental Site Assessment Report - Date: _____

Phase II Environmental Site Assessment Report - Date: _____

Legal Description of Property (required for all liability requests and specialized agreements)

Map of the Property (required for all liability requests and specialized agreements)

Analytical results of the following sampled media: Select all that apply and include date of collection.

Groundwater Soil Sediment Other medium - Describe: _____

Date of Collection: _____

A copy of the closure letter and submittal materials

Draft tax cancellation agreement

Draft agreement for assignment of tax foreclosure judgment

Other report(s) or information - Describe: Soil Management Plan

For Property with newly identified discharges of hazardous substances only: Has a notification of a discharge of a hazardous substance been sent to the DNR as required by s. NR 706.05(1)(b), Wis. Adm. Code?

Yes - Date (if known): _____

No

Note: The Notification for Hazardous Substance Discharge (non-emergency) form is available at: dnr.wi.gov/files/PDF/forms/4400/4400-225.pdf.

**Technical Assistance, Environmental Liability
Clarification or Post-Closure Modification Request**

Form 4400-237 (R 9/15)

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Section 7. Certification by the Person who completed this form

I am the person submitting this request (requester)

I prepared this request for: Six Points Office, LLC

Requester Name

I certify that I am familiar with the information submitted on this request, and that the information on and included with this request is true, accurate and complete to the best of my knowledge. I also certify I have the legal authority and the applicant's permission to make this request.


Signature

3/1/18
Date Signed

Senior Project Manager
Title

262-754-2578
Telephone Number (include area code)

Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

Form 4400-237 (R 9/15)

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Section 8. DNR Contacts and Addresses for Request Submittals

Send or deliver one paper copy and one electronic copy on a compact disk of the completed request, supporting materials, and fee to the region where the property is located to the address below. Contact a DNR regional brownfields specialist with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see: <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>.

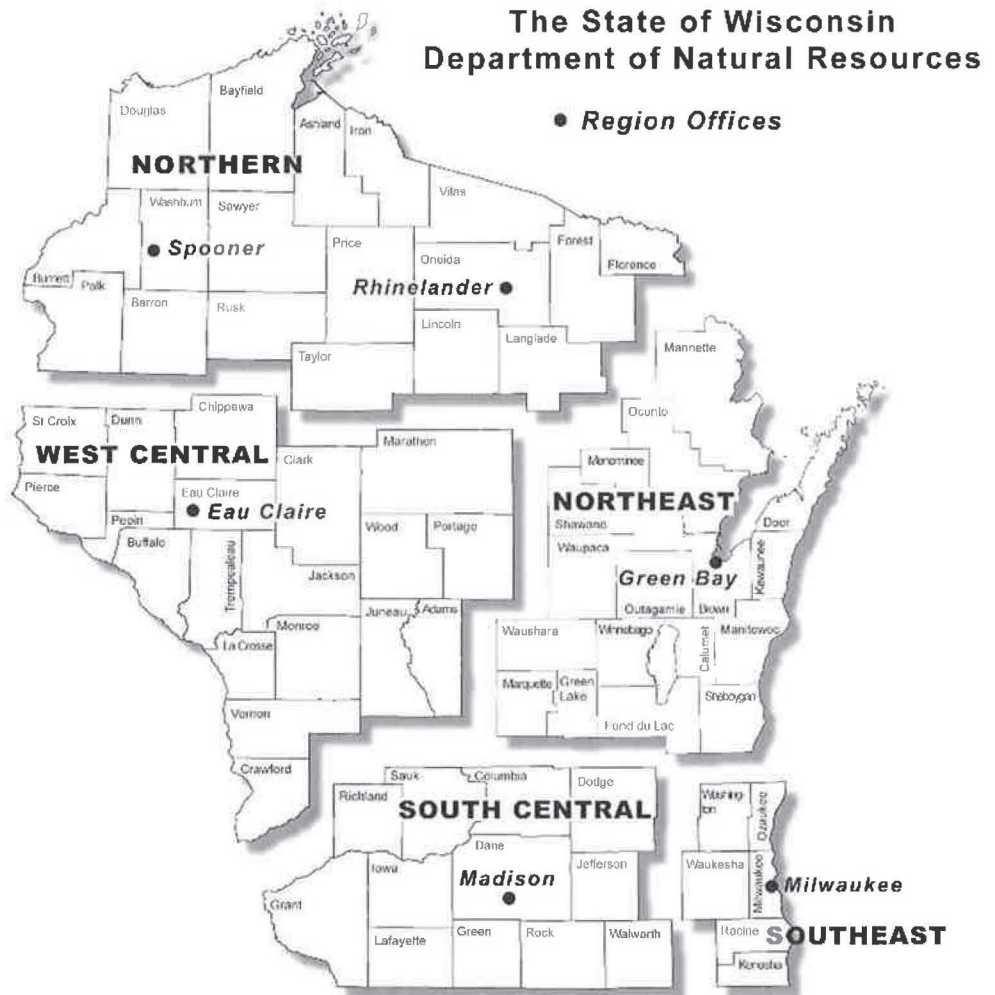
DNR NORTHERN REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 223 E Steinfest Rd Antigo, WI 54409

DNR NORTHEAST REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 2984 Shawano Avenue
 Green Bay WI 54313

DNR SOUTH CENTRAL REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 3911 Fish Hatchery Road
 Fitchburg WI 53711

DNR SOUTHEAST REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 2300 North Martin Luther King Drive
 Milwaukee WI 53212

DNR WEST CENTRAL REGION
 Attn: RR Program Assistant
 Department of Natural Resources
 1300 Clairemont Ave.
 Eau Claire WI 54702



Note: These are the Remediation and Redevelopment Program's designated regions. Other DNR program regional boundaries may be different.

DNR Use Only

Date Received	Date Assigned	BRRTS Activity Code	BRRTS No. (if used)
DNR Reviewer		Comments	
Fee Enclosed? <input type="radio"/> Yes <input type="radio"/> No	Fee Amount \$	Date Additional Information Requested	Date Requested for DNR Response Letter
Date Approved	Final Determination		



Proactive by Design



SOIL MANAGEMENT PLAN

Former Pressed Steel Tank Co. Property
1445 South 66th Street

West Allis, Wisconsin

BRRTS No. 02-41-385114

FID No. 241037940

March 1, 2018

File No. 20.0155335.10



PREPARED FOR:

Six Points Office, LLC
Milwaukee, Wisconsin

GZA GeoEnvironmental, Inc.

20900 Swenson Drive, Suite 150 | Waukesha, WI 53186
262-754-2560

26 Offices Nationwide
www.gza.com

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Proactive by Design

GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION
MANAGEMENT

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March 1, 2018
File No. 20.0155335.10

Mr. Greg Michael
Wisconsin Department of Natural Resources
Remediation and Redevelopment Section
141 NW Barstow Street, Room 180
Waukesha, Wisconsin 53188

Re: Soil Management Plan
Former Pressed Steel Tank Co. Property
1445 South 66th Street
West Allis, Wisconsin
BRRTS No. 02-41-385114
FID No. 241037940

Dear Mr. Michael:

GZA GeoEnvironmental, Inc. (GZA) is pleased to present this Soil Management Plan (SMP) for the proposed construction activities at the undeveloped property located at 1445 South 66th Street in West Allis, Wisconsin ("Site"). The purpose of the SMP is to combine knowledge of the existing environmental conditions with the planned development activities for the Site and present a series of procedures for handling soil in a manner protective of health, safety, and the environment that is consistent with applicable provisions of the Wisconsin Administrative Code (WAC), including Chapter NR 718.

The SMP also serves as notification to the Wisconsin Department of Natural Resources (WDNR) that the direct contact will be removed and replaced as part of the redevelopment. This version of the SMP is a revision to the document that was previously submitted to the WDNR for consideration by Arcadis for this Site. Attached is the Technical Assistance Form (WDNR Form 4400-237) and \$700 review fee.

Should you have any questions or comments, please feel free to contact the undersigned at (262) 754-2578.

Very truly yours,

GZA GeoEnvironmental, Inc.

Kevin M. Hedinger
Senior Project Manager

James F. Drought, P.H.
Principal Hydrogeologist

J:\155300to155399\155335\10 Residential (NONA)\Report\Soil Management Plan\FINAL 20.0155335.10 Soil Mgmt Plan_1445 S 66th St 3-1-18.docx

Attachments



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APPENDICES

APPENDIX A LIMITATIONS



1.0 INTRODUCTION

GZA GeoEnvironmental, Inc. (GZA) has prepared this Soil Management Plan (SMP) to manage soils excavated during the construction activities for the proposed development of the former Pressed Steel Tank Co. (Pressed Steel) property located at 1445 South 66th Street in West Allis, Wisconsin ("Site"). This redevelopment is part of the Six Points Redevelopment located at West National Avenue and Six Points Crossing (South 66th Street). The Site is being referenced in the Bureau of Remediation and Redevelopment Tracking System (BRRTS) under Case Number 02-41-385114. A Site Location Map is provided as **Figure 1**. Please note that this SMP is subject to the Limitations provided in **Appendix A**.

The Six Points Redevelopment will occur as three separate developments. The former Pressed Steel property is being developed as a medical office building ("MOB") in the northern portion along Greenfield Avenue and a residential building in the southern portion along National Avenue. The third portion of the redevelopment will occur on Parcel 705, which will be a mixed-use residential and commercial development on the south side of National Avenue. For this SMP, the former Pressed Steel property, between National Avenue and Greenfield Avenue and west of 66th Street, will be referred to as the Site and Parcel 705 will be referred to as such. **Figure 2** shows the location of each of the parcels and the development plan for the Site.

The MOB is a slab on-grade construction with soil excavation activities limited to foundations and utilities. The residential building will include an underground parking structure that will require excavation of soils beneath the footprint of the building therefore, soil re-consolidation will be necessary. The development plan for Parcel 705 is not well defined but is not anticipated to require significant soil excavation activities. Soil generated during the excavation activities for the redevelopment on the Site will be managed on-Site or on Parcel 705.

The purpose of the SMP is to combine knowledge of the existing environmental conditions with the planned development activities for the Site and present a series of procedures for handling soil in a manner protective of health, safety, and the environment that is consistent with applicable provisions of the Wisconsin Administrative Code (WAC), including Chapter NR 718.

GZA is requesting approval of this SMP, which includes the relocation and management of up to 16,000 cubic yards of low-level contaminated soil for reconsolidation both on-Site and on Parcel 705. The SMP also serves as notification to the Wisconsin Department of Natural Resources (WDNR) that the direct contact will be removed and replaced as part of the redevelopment. The Technical Assistance Form (WDNR Form 4400-237) is included with this SMP.

2.0 PROJECT BACKGROUND

The Six Points Redevelopment consists of the former Pressed Steel property and Parcel 705. The buildings on these properties have been demolished and the land has been combined into two parcels that make up the Six Points Redevelopment.

The investigation and remediation activities on the Site were completed by Arcadis U.S., Inc. (Arcadis). The soil and groundwater data collected during the investigation and remediation at the Site will be used to determine the appropriate soil management and placement on-Site.

The underground parking structure beneath the residential building will require the excavation of approximately 16,000 cubic yards of soil. The management of these soils will include the re-consolidation of certain soils on the Site and re-consolidation of certain soils on Parcel 705. The soils that exceed the respective direct contact residual contaminant levels (RCLs) will be placed in areas of the Site that will allow for an asphalt or soil cap, or will be beneath the buildings. The development will serve as the cap approved in the Remedial Action Plan for this Site.



The contaminants of concern include volatile organic compounds (VOCs), polycyclic aromatic hydrocarbons (PAHs), and polychlorinated biphenyls (PCBs). The soil concentrations for VOCs and PCBs were compared to the respective Chapter NR 722 RCLs to determine the appropriate management and handling of the soils. The PAHs are proposed to be evaluated using the alternative method for calculating non-industrial direct-contact RCLs.

The excavation activities will allow for adequate parking spaces for redevelopment of the property and allow for more usable surface area of the property. Therefore, the approach to soil management is consistent with the proposed remedial actions.

Parcel 705 will require soil filling to raise the grade to meet existing elevations and to allow for connection to existing infrastructure. This parcel will require a direct contact barrier and SMP as a requirement of closure. The proposed relocation of the soil will include capping as a final remedy with the redevelopment.

2.1 PROJECT STAKEHOLDERS

Former Pressed Steel Tank Co. Inc.:
1445 South Six Points Crossing
West Allis, Wisconsin 53154

The MOB parcel is currently owned by:

Six Points Office, LLC
330 East Kilbourn Avenue, Suite 600 South
Milwaukee, Wisconsin 53202
Attn: Ian Martin, Vice President, Development

The Residential Building parcel is currently under contract and is in the process of finalizing the sale to Six Points West Allis Apartments, LLC (Mandel Group, Inc. affiliate), but is currently owned by:

Community Development Authority of the City of West Allis
7525 West Greenfield Avenue
West Allis, Wisconsin 53214
414-302-8462
Attn: Mr. John Stibal, Director of Development

The address and ownership of Parcel 705 is:

Parcel 705
6633 – 6639 West National Avenue
West Allis, Wisconsin 53154

Owner:
Community Development Authority of the City of West Allis
7525 West Greenfield Avenue
West Allis, Wisconsin 53214
414-302-8462
Attn: Mr. John Stibal, Director of Development



The former Pressed Steel property and the receiving parcel have undergone environmental investigation and remediation. The WDNR has provided the regulatory oversight for the investigation and remediation. The contact information for the WDNR is:

WDNR Project Manager:
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, Wisconsin 53188
262-574-2176
Attn: Greg Michael

The investigation and remediation of the former Pressed Steel property was performed by Arcadis for the Community Development Authority of the City of West Allis. The implementation of this SMP and documentation of the soil management will be performed by:

GZA GeoEnvironmental, Inc.
20900 Swenson Drive, Suite 150
Waukesha, Wisconsin 53186
262-754-2578
Attn: Kevin Hedinger, Senior Hydrogeologist

3.0 SITE BACKGROUND INFORMATION

3.1 REGULATORY BACKGROUND

The following bulleted list is a summary of the on-Site regulatory status:

- The former Pressed Steel property remains an open site pending final remedy of a permanent cap (BRRS #02-41-385114, FID #241037940).

3.2 GEOLOGY

The geology and hydrogeology presented are based on data collected by Arcadis during the soil and groundwater investigation completed at the Site. The geology at the Site and surrounding areas consists of deposits overlying dolomite bedrock. The unconsolidated deposits are part of the Oak Creek Formation, which was deposited by glaciers during the advancement and retreat of the Lake Michigan Lobe during the Wisconsin Glaciation period approximately 13,200 to 14,500 years ago. The Site appears to be located within a north-south-trending lateral moraine clay till. The geology at the Site consists of native clay soil and near-surface fill material. The fill material consists of imported clay with trace amounts of slag and foundry sand. The thickness of fill material is variable across the Site; however, the maximum thickness of foundry sand appears to be in the southwest corner of the Site along the railroad tracks. Bedrock was not encountered during Site investigation activities. Bedrock underlying the unconsolidated deposits consists of sedimentary rock including dolomite, shale, and sandstone. Based on water well records in the surrounding area, bedrock is expected to be encountered at a depth of approximately 130 to 140 feet below ground surface (bgs).

3.3 HYDROGEOLOGY

The Site hydrogeology was evaluated during the soil and groundwater investigation activities by the installation of temporary and permanent monitoring wells. Groundwater was encountered in the unconsolidated deposits at a depth of



2 to 9 feet bgs. Greater depths to groundwater were encountered in the southwestern portion of the Site at 10 to 16 feet bgs. Generally, the groundwater flow is southwest with localized areas that have a northwest and northeast component along the northern portion of the Site. The localized areas may be a result of utilities or other pathways along Greenfield Avenue.

3.4 PROPOSED SOIL PLACEMENT LOCATIONS

Based on the analytical results, soils are proposed to be placed as follows:

- PAHs: Soil with PAH Risk Levels less than Alternative Method Non-Industrial RCLs are to be placed on-Site or on Parcel 705 as part of the soil cap.
- VOCs: Soil with VOCs less than Non-Industrial Direct Contact RCLs can be placed on-Site or on Parcel 705 as part of the soil cap.
- PAHs: Soil with PAH Risk Levels greater than Alternative Method Non-Industrial RCLs will remain on-Site for reconsolidation on the residential parcel in the area in the center of the residential buildings and covered with a soil cap.
- PCBs: Soil with PCB concentrations greater than Non-Industrial Direct Contact RCLs will remain on-Site for reconsolidation under the MOB parking lot or beneath the circle drive on the residential building parcel and covered with an asphalt or soil cap.
- VOCs: Soil with VOC concentrations greater than Non-Industrial Direct Contact RCL will remain on-Site for reconsolidation beneath the circle drive on the residential building parcel and covered with a soil cap.

4.0 **PROPOSED SOIL MANAGEMENT**

4.1 PCB DIRECT-CONTACT SOILS

An area of PCB-impacted soils with concentrations exceeding the PCB Non-Industrial RCL has been identified within the proposed building footprint of the eastern apartment building. This area is adjacent to an area of PCB-impacted soil that was previously excavated during the Site remediation and has been delineated within the building footprint by samples collected by Arcadis. The results of the soil sampling completed by Arcadis is included as **Table 1** and the extent of the PCB soil impacts is shown on **Figure 3**. The total volume of PCB-impacted soils that require management and handling is approximately 2,700 cubic yards. The PCB-impacted soils will be managed on-Site. Approximately 1,200 cubic yards of these soils will be excavated and placed beneath the parking lot area of MOB and covered with an asphalt barrier. The remaining 1,500 cubic yards will be placed beneath the area of the circle drive and covered with 18 inches of cover soil from the residential building excavation that meets the non-industrial direct-contact RCLs and 6 inches of clean topsoil imported to the Site. The placement location of the PCB-impacted soils is shown on **Figure 3**.

4.2 PAH AND VOC DIRECT-CONTACT SOILS

Areas of soils with concentrations of VOCs and PAHs exceeding the non-industrial direct contact RCLs have been identified within building footprint of both the proposed eastern and western apartment building footprints. The areas with soils exceeding the direct-contact RCL for VOCs are shown on **Figure 4**.



Soils exceeding the respective VOC constituent direct-contact RCLs were identified in the following borings:

Boring	Depth(s)	Building	Volume (cubic yards [cy])	Management
B-35	4-6'	Eastern	140 cy	Place in circle drive area.
B-38	2-4'	Eastern	0 cy	Excavated with PCB soil and placed beneath MOB parking lot.
B-87	10-12'	Western	0 cy	Remain in-place; interval deeper than soil excavation.
B-93	8-10'	Western	0 cy	Remain in-place; interval deeper than soil excavation.
B-100	2-4'/4-6'	Western	146 cy	Place in circle drive area.
B-101	2-4'/4-6'	Western	146 cy	Place in circle drive area.
B-102	0-2'/6-8'	Between Buildings	0 cy	Not anticipated to be removed during construction.
Total Cubic Yards:			432 cy	

The PAH non-industrial direct contact RCLs were calculated using the WDNR-approved alternative method. In this method, a group of seven carcinogenic PAHs with toxicity values directly related to benzo(a)pyrene [benzo(a)pyrene, benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene] are combined to calculate the cumulative risk posed by these seven carcinogenic PAHs. This calculated risk is compared to a risk level of 5×10^{-6} ; if the calculated risk is less than 5×10^{-6} , these seven carcinogenic PAHs are considered to not pose a risk from non-industrial direct contact.

The remaining PAH constituents are evaluated by directly comparing the soil concentrations to the Chapter NR 722 generic RCLs and the calculated risk for carcinogenic compounds detected are compared to a cumulative carcinogenic risk level of 1×10^{-5} . GZA is requesting approval from the WDNR to use the application of the alternative method for calculating non-industrial direct-contact RCLs for PAHs at the Site.

Soils samples with soil concentrations that exceed the cumulative risk level for the seven carcinogenic PAHs were identified in the following borings. The areas with PAHs exceeding the non-industrial direct contact RCL risk levels are shown on **Figure 4** and the following table includes the calculated risk level, soil volume, and management of the soils.

Boring	Depth(s)	Building	Risk Level	Volume (cubic yards [cy])	Management
B-5	2-4'	Eastern	6.2×10^{-6}	0 cy	Part of PCB soil area.
B-6	2-4'	Eastern	1.1×10^{-5}	0 cy	Part of PCB soil area.
B-7	2-4'	Eastern	7.1×10^{-6}	300 cy	Place in circle drive area and cap.
B-10	2-4'	Eastern	1.4×10^{-5}		Place in circle drive area and cap.
B-18	0-12'	Eastern	7.8×10^{-6}	0 cy	Part of PCB soil area.
B-20	0-12'	Eastern	7×10^{-5}	188 cy	Place in circle drive area and cap.
B-26	0-12'	Eastern	3.3×10^{-5}	0 cy	Part of PCB soil area.
B-27	0-12'	Eastern	7×10^{-6}	0 cy	Part of PCB soil area.
B-39	2-4'	Eastern	1.6×10^{-5}	226 cy	Place in circle drive area and cap.
B-54	0-2'	Western	1.8×10^{-5}	0 cy	Outside of excavation; cap in-place.
B-55	0-2'	Western	9.2×10^{-5}	0 cy	Outside of excavation; cap in-place.
B-58	2-4'	Western	2.1×10^{-5}	0 cy	Outside of excavation; cap in-place.
B-60	0-2'	Western	1.3×10^{-5}	0 cy	Outside of excavation; cap in-place.
B-61	0-2'/4-6'	Western	1.5×10^{-4} 2.9×10^{-5}	0 cy	Outside of excavation; cap in place.
B-64	0-2'	Western	1.2×10^{-5}	0 cy	Outside of excavation; cap in-place.



Boring	Depth(s)	Building	Risk Level	Volume (cubic yards [cy])	Management
B-67	0-2'	Western	1.3×10^{-5}	0 cy	Outside of excavation; cap in-place.
B-68	2-4'	Western	7.2×10^{-6}	35 cy	Place in circle drive area and cap.
B-73	0-2'	Western	7.2×10^{-6}	191 cy	Place in circle drive area and cap.
B-75	2-4'/4-6'	Western	4.8×10^{-5} 6.2×10^{-6}	185 cy (upper 2 feet); 460 cy (5 feet)	The upper 2 feet of soil will be placed beneath the MOB, and remainder will be placed in circle drive area of the residential parcel and capped.
B-76	2-4'	Western	7.5×10^{-6}		
B-77	2-4'	Western	4.7×10^{-4}		
B-82	2-4'	Western	8.2×10^{-6}	66 cy (upper 3 feet); 90 cy (4 feet)	The upper 3 feet of soil will be placed beneath the MOB, the remainder will be placed in circle drive area of the residential parcel and capped.
B-86	0-2'	Western	5.1×10^{-6}	278 cy (upper 3 feet); 463 cy (5 feet)	The upper 3 feet of soil will be placed beneath the MOB, the remainder will be placed in circle drive area of the residential parcel and capped.
B-87	0-2'	Western	6.5×10^{-6}		
B-88	0-2'	Western	8.8×10^{-6}		
B-92	0-2'	Western	5.8×10^{-6}	70 cy (upper 2 feet); 174 cy (5 feet)	The upper 2 feet of soil will be placed beneath the MOB, and remainder will be placed in circle drive area of the residential parcel and capped.
B-105	2-4'/4-6'	Eastern	7.4×10^{-6} 7.7×10^{-6}	0 cy	Outside of excavation; cap in-place.
DB-01	4-6'	Eastern	5.5×10^{-6}	0 cy	Part of PCB excavation area.
DB-02	0-2'/2-4'	Eastern	1.2×10^{-5} 6.8×10^{-6}	0 cy	Part of PCB excavation area.
DB-03	0-2'/2-4'	Eastern	9.5×10^{-6} 1.4×10^{-5}	0 cy	Part of PCB excavation area.
DB-05	0-2'/2-4'/4-6'	Eastern	9.1×10^{-6} 8.7×10^{-6} 1.3×10^{-5}	0 cy	Part of PCB excavation area.
DB-07	0-2'	Eastern	7×10^{-6}	0 cy	Part of PCB excavation area.
DB-08	0-2'	Eastern	1.1×10^{-5}	0 cy	Part of PCB excavation area.
DB-09	0-2'	Eastern	2.2×10^{-5}	0 cy	Part of PCB excavation area.
Total Cubic Yards:				2,726 cy	

The excavation and placement of the portion of the soils used to construct the building pad for the MOB is shown on **Figure 5**. Some of the soils in the excavation area for the MOB pad contained PAH concentrations exceeding the PAH RCL risk levels. The soil will be covered by the building and surround driveway and parking lot area, therefore, the placement of the soil in this area is protective of human health and the environment. **Figure 4** shows the placement location for the remainder of the direct-contact soils from the residential building excavation to be in the area in the middle of the residential buildings.

4.2.1 Cover Soils Within Residential Building Excavation

Based on the soil sampling results previously collected at the Site, there are soils that do not contain concentrations of VOCs or PAHs that exceed the direct-contact RCLs. Therefore, these soils will be segregated and utilized as part of the soil cap across the residential parcel and/or placed on Parcel 705. The soil cap will consist of a maximum of 18 inches of the cover soils and 6 inches of clean topsoil imported to the Site. **Figure 6** shows the soils that have been identified for use as cover soils.



The cover soils identified in the eastern building will be utilized on-Site as part of the soil cap for the PCB and direct-contact soils. The cover soils identified in the western building may be used on-Site as part of the soil cap of the PCB and direct-contact soils or may be taken to Parcel 705 as fill material to establish the necessary grade.

4.3 TEMPORARY SOIL STOCKPILE AREAS

The redevelopment of the former Pressed Steel property will be completed in a phase approach so that soils from each phase can be incorporated into the Site grade. As part of this phased approach, soils will be temporarily stockpiled to allow for incorporation of the soils into the Site grade within the construction schedule.

4.3.1 Medical Office Building

Once the building pad is constructed, soils will be excavated for the MOB foundations and utilities. The soils being excavated contain low-level VOCs and PAHs. The soils excavated will be temporarily stockpiled in the area of the western residential building where the soils were excavated to create the MOB pad. These stockpiled soils will be re-consolidated beneath the parking lot area of the MOB once the parking lot area is ready for construction. The parking lot will serve as a cap over these soils. **Figure 7** shows the location of the temporary soil stockpile area for soils from the MOB construction.

4.3.2 Residential Building

Soils from the residential building excavation will be excavated and managed, as presented above. However, the construction of the residential building requires a large excavation to accommodate the subgrade parking structure. Prior to commencing the construction activities for the residential building, the PCB soils will be excavated from within the eastern building and placed beneath the MOB parking lot or residential circle drive area. It is anticipated that approximately 1,200 cubic yards will be placed beneath the MOB parking lot and 1,400 cubic yards will be placed in the circle drive area.

After the PCB-impacted soils are excavated, the soil excavation for the residential building will require segregation of the VOC and PAH direct-contact soils from the cover soils. The direct-contact soils are planned to be excavated, placed on-Site, and covered. However, due to the amount of construction activity, a portion of the PAH-impacted direct-contact soil may need to be temporarily stored. A temporary soil stockpile is proposed for the asphalt parking lot area on Parcel 705, as shown on **Figure 8**. The soils placed in the temporary stockpile are estimated to be approximately 2,000 cubic yards, but will not include the PCB-impacted soils.

5.0 VAPOR INTRUSION

Vapor samples have not been collected from the Site to evaluate the potential for toxic gases to collect. There are known areas of the Site that contain soil exceedances for VOCs that could potentially lead to the accumulation of toxic gases. The proposed protective action is a combination of a soil gas venting system in conjunction with a vapor barrier.

The passive soil gas venting system will consist of a porous gravel layer placed directly over the soil within the building footprint. Perforated horizontal polyvinyl chloride (PVC) vent pipe, minimum 4 inches diameter, or suitable venting material shall be embedded in the pea gravel layer. The vent pipe shall be wrapped in a filter fabric to mitigate the introduction of fines into the pipe. The horizontal venting system will be connected to vertical risers that terminate above the roof. The soil gas venting piping should be marked and clean outs should be installed as necessary to allow for maintenance.



A vapor barrier will be installed over the soil gas venting system. The vapor barrier material may be constructed of 30-mil thick polyethylene geomembrane, Liquid Boot® (CETCO Remediation Technologies), or 15-mil Stego® Wrap (Stego Industries, LLC), or equivalent approved by the WDNR. Filter fabric, fine sand, or other equivalent material shall be placed over the vapor barrier for protection. All penetrations and seams shall be sealed and/or welded as necessary.

The underground parking structure will be actively vented; therefore, a geomembrane vapor system is not necessary beneath the parking structure. However, the stairwells and elevator shafts will be sealed with a geomembrane system to prevent vapors from migrating upward into the residential portion of the building. The geomembrane system will not contain a horizontal venting system.

6.0 REGULATORY BACKGROUND

The following bulleted list is a summary of the response sites located on Parcel 705 and the regulatory status:

- Parcel 705 remains an open site (BRRTS# 02-41-544080, FID# 341117040). A final closure report will be submitted once Site redevelopment is completed.

6.1 GEOLOGY AND HYDROGEOLOGY COMPARISON

The geology observed on Parcel 705 is comparable to the Site geology. The predominant native soil type is silty clay and there is historic fill consisting of foundry sand, slag, fly ash, and construction debris throughout Parcel 705. The hydrogeology of the two sites is similar with the groundwater table residing in the shallow on-Site soils and fill material. The water table is typically encountered from 2 to 7 feet bgs, with flow trending in a southeast direction.

6.2 SOIL CONTAMINANT COMPARISON

The soil contamination from the Site and Parcel 705 are similar. Both contain VOCs over the groundwater protection RCL and various metal exceedances. There are non-industrial direct-contact exceedances of PAHs at both the Site and Parcel 705. PCBs are present at the Site and are not present at Parcel 705.

7.0 REVIEW OF NR 718.12(1)(C) LOCATION STANDARDS

A review of the NR718(1)(2) Location Standards and the results are provided in the following bulleted list.

- Within a floodplain.

Based on a review of the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map for the Site (Map Number 55079C0088E, effective date September 26, 2008), the Site is not located within a 100-year floodplain.

- Within 100 feet of any wetland or critical habitat area.

Based on a review of the WDNR Surface Water Data Viewer, wetland areas are not present within 100 feet of the Site. Critical habitat areas are not known to be present at the Site and the Site area was not identified on the WDNR's list of Critical Habitat Designations.



- Within 300 feet of any navigable river, stream, lake, pond, or flowage.

Based on a review of the WDNR Surface Water Data Viewer, there are no navigable rivers, streams, lakes, ponds, or flowages mapped within 300 feet of the Site. Therefore, placement of excavated contaminated soil within the 300 feet of a navigable river, stream, lake, pond, or flowage will not occur at the Site.

- Within 100 feet of any on-Site water supply well or 300 feet of any off-Site water supply well.

The Site and surrounding area are serviced by municipal water systems for potable drinking water. There are no known drinking water wells located on the Site. Based on a review of the WDNR Water Well Database, there are no known wells located within 300 feet of the Site.

- Within 3 feet of the high groundwater level.

The soil is proposed to be excavated from within the building footprint and utility corridors and placed on the surface and capped. The soils will not be placed within 3 feet of the high groundwater level.

- At a depth, greater than the depth of the original excavation from which the contaminated soil was removed.

The maximum depth of excavation is estimated to be approximately 6 to 8 feet bgs. The soils are proposed to be placed at the existing grade and covered with suitable capping material. During the soil borings at the Site, foundry sand was reported in some of the borings that may need to be excavated and replaced on-Site if the soils are not suitable for building.

- Where the contaminated soil poses a threat to public health, safety, or welfare or the environment.

This SMP has been prepared to identify soils that have the potential to pose a threat to public health, safety, or welfare. The management of the soils that pose a risk will be placed in areas of the Site that can accommodate the volume and be covered with a suitable capping material. The capping material may include asphalt or concrete, or other soils excavated from the Site that do not pose a risk to public health, safety, or welfare.

8.0 SOIL MANAGEMENT PROCEDURES

8.1 APPROACH

This approach to soil management will follow the order of sequence for placement:

1. On-Site; and
2. Parcel 705.

8.2 HEALTH AND SAFETY PLAN

A Site-specific Health and Safety Plan will be prepared that outlines the procedures and policies during the work. Work conducted at the Site will be performed by HAZWOPER-trained personnel using appropriate personal protective equipment (PPE).

8.3 EROSION AND SEDIMENTATION CONTROLS

Silt fencing will serve as the primary method of erosion control. Silt fences will be placed around disturbed land areas. Hay bales and/or other erosion control measures will be implemented during excavation, as necessary, to minimize erosion.



8.4 MOBILIZATION/EXCAVATION PREPARATION

Preparation of the Site will include mobilization, preparation of soil staging areas, and installation of erosion and sedimentation controls.

8.5 SOIL EXCAVATION PROCEDURES

The excavation work will include the use of an excavator, skid steer, and/or other construction equipment to move and load soil directly into dump trucks for placement of soil on-Site or on Parcel 705.

8.6 RESTORATION

After completion of the removal action, the area will be redeveloped into commercial and residential new construction. The areas of the Site and Parcel 705 will be capped with engineered barriers to mitigate the direct-contact pathway.

8.7 CONSTRUCTION OVERSIGHT AND QUALITY ASSURANCE

A qualified Resident Project Representative will oversee the excavation work and assist with the direction of placement of soil.

8.8 FIELD COMMUNICATION AND DOCUMENTATION

Field documentation will be recorded in project-dedicated field books. Changes that may be necessary in the field will be recorded in the field book.

9.0 **CONSTRUCTION SCHEDULE**

A construction schedule timeframe for the redevelopment is presented below:

- Medical Office Building - December 2017;
- Residential Building - April/May 2018; and
- Parcel 705 - Spring 2019.

The construction schedule is subject to change due to weather conditions, construction schedule for the redevelopment, contractor availability, and supplier timelines.

10.0 **PROJECT REPORTING**

A summary of the soil movement activities will be provided to the WDNR upon completion of the construction activities.



TABLES

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-01		B-02		B-03		B-04		B-05		B-06		B-07	
					3/23/2016 2-4	3/23/2016 8-10	3/22/2016 2-4	3/22/2016 10-12	3/22/2016 2-4	3/22/2016 8-10	3/23/2016 2-4	3/23/2016 10-12	3/23/2016 2-4	3/23/2016 4-6	3/22/2016 2-4	3/22/2016 4-6	3/22/2016 2-4	3/22/2016 8-10
PCBs																		
Aroclor 1016	mg/kg	28	6.79	NS	<0.019 U	NA	NA	NA	NA	NA	<0.19 U	NA	<0.4 U	NA	<0.37 U	NA	NA	NA
Aroclor 1221	mg/kg	0.883	0.213	NS	<0.019 U	NA	NA	NA	NA	NA	<0.19 U	NA	<0.4 U	NA	<0.37 U	NA	NA	NA
Aroclor 1232	mg/kg	0.792	0.19	NS	<0.019 U	NA	NA	NA	NA	NA	<0.19 U	NA	<0.4 U	NA	<0.37 U	NA	NA	NA
Aroclor 1242	mg/kg	0.972	0.235	NS	<0.019 U	NA	NA	NA	NA	NA	<0.19 U	NA	<0.4 U	NA	<0.37 U	NA	NA	NA
Aroclor 1248	mg/kg	0.975	0.236	NS	<0.019 U	NA	NA	NA	NA	NA	<0.19 U	NA	<0.4 U	NA	<0.37 U	NA	NA	NA
Aroclor 1254	mg/kg	0.998	0.239	NS	0.035	NA	NA	NA	NA	NA	<0.19 U	NA	1.4	NA	<0.37 U	NA	NA	NA
Aroclor 1260	mg/kg	1	0.243	NS	<0.019 U	NA	NA	NA	NA	NA	<0.19 U	NA	<0.4 U	NA	3.3	NA	NA	NA
VOCs																		
1,1,1,2-Tetrachloroethane	mg/kg	12.3	2.78	0.0534	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,1,1-Trichloroethane	mg/kg	640	640	0.1402	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,1,1,2,2-Tetrachloroethane	mg/kg	3.6	0.81	0.0002	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,1,1,2-Trichloroethane	mg/kg	7.01	1.59	0.0032	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,1-Dichloroethane	mg/kg	22.2	5.06	0.4834	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,1-Dichloroethene	mg/kg	1,190	320	0.0050	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	0.074 J	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,1-Dichloropropene	mg/kg	NS	NS	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,2,3-Trichlorobenzene	mg/kg	934	62.6	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,2,3-Trichloropropane	mg/kg	0.109	0.0050	0.0519	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,2,4-Trichlorobenzene	mg/kg	113	24	0.4080	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,2,4-Trimethylbenzene	mg/kg	219	219	1.382	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	0.04 J	0.066 J	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,2-Dibromo-3-chloropropane	mg/kg	0.092	0.0080	0.0002	<0.34 U	<0.33 U	<0.33 U	<0.34 U	<0.33 U	<0.31 U	<0.34 U	<0.33 U	<0.36 U	<0.39 U	<0.32 U	<0.33 U	<0.38 U	<0.34 U
1,2-Dibromoethane	mg/kg	0.221	0.05	0.00003	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,2-Dichlorobenzene	mg/kg	376	376	1.168	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,2-Dichloroethane	mg/kg	2.87	0.652	0.0028	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,2-Dichloropropane	mg/kg	1.78	0.406	0.0033	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,3,5-Trimethylbenzene	mg/kg	182	182	1.38	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,3-Dichlorobenzene	mg/kg	297	297	1.15	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,3-Dichloropropane	mg/kg	1490	1,490	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
1,4-Dichlorobenzene	mg/kg	16.4	3.74	0.144	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
2,2-Dichloropropane	mg/kg	191	191	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
2-Chlorotoluene	mg/kg	907	907	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
4-Chlorotoluene	mg/kg	253	253	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Benzene	mg/kg	7.07	1.6	0.0051	<0.017 U	<0.016 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U	<0.017 U	<0.016 U	<0.018 U	<0.02 U	<0.016 U	<0.017 U	<0.019 U	<0.017 U
Bromobenzene	mg/kg	679	342	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Bromochloromethane	mg/kg	906	216	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Bromodichloromethane	mg/kg	1.83	0.418	0.0003	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Bromoform	mg/kg	113	25.4	0.0023	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Bromomethane	mg/kg	43	9.6	0.0051	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.14 U	<0.16 U	<0.13 U	<0.13 U	<0.15 U	<0.14 U
Carbon Tetrachloride	mg/kg	4.03	0.916	0.0039	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
CFC-11	mg/kg	1,230	1,230	4.48	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
CFC-12	mg/kg	530	126	3.09	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.14 U	<0.16 U	<0.13 U	<0.13 U	<0.15 U	<0.14 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-01		B-02		B-03		B-04		B-05		B-06		B-07	
					3/23/2016 2-4	3/23/2016 8-10	3/22/2016 2-4	3/22/2016 10-12	3/22/2016 2-4	3/22/2016 8-10	3/23/2016 2-4	3/23/2016 10-12	3/23/2016 2-4	3/23/2016 4-6	3/22/2016 2-4	3/22/2016 4-6	3/22/2016 2-4	3/22/2016 8-10
VOCs (continued)																		
Chlorobenzene	mg/kg	761	370	0.1358	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Chlorodibromomethane	mg/kg	38.9	8.28	0.0320	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Chloroethane	mg/kg	2,120	2120	0.2266	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Chloroform	mg/kg	1.98	0.454	0.0033	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Chloromethane	mg/kg	669	159	0.0155	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
cis-1,2-Dichloroethene	mg/kg	2,340	156	0.0412	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
cis-1,3-Dichloropropene	mg/kg	1,210	1,210	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Cymene (p-Isopropyltoluene)	mg/kg	162	162	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	0.29	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Dibromomethane	mg/kg	143	34	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Dichloromethane	mg/kg	1,150	61.8	0.0026	<0.34 U	<0.33 U	<0.33 U	<0.34 U	<0.33 U	<0.31 U	<0.34 U	<0.33 U	<0.39 U	<0.39 U	<0.32 U	<0.33 U	<0.38 U	<0.34 U
Diisopropyl ether	mg/kg	2,260	2,260	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Ethylbenzene	mg/kg	35.4	8.02	1.57	<0.017 U	<0.016 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U	<0.017 U	<0.016 U	<0.018 U	<0.02 U	<0.016 U	<0.017 U	<0.019 U	<0.017 U
Hexachloro-1,3-butadiene	mg/kg	7.19	1.63	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Isopropylbenzene	mg/kg	268	268	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Methyl-tert-butylether	mg/kg	282	63.8	0.0270	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Naphthalene	mg/kg	24.1	5.52	0.6582	0.14	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	0.11	1.3	1	0.1	<0.076 U	<0.069 U
N-Butylbenzene	mg/kg	108	108	NS	0.063 J	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
N-Propylbenzene	mg/kg	268	268	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
sec-Butylbenzene	mg/kg	145	145	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Styrene (Monomer)	mg/kg	867	867	0.22	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
tert-Butylbenzene	mg/kg	183	183	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Tetrachloroethene	mg/kg	145	33	0.0045	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	0.25	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Toluene	mg/kg	818	818	1.11	<0.017 U	<0.016 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U	<0.017 U	<0.016 U	<0.018 U	0.035	<0.016 U	<0.017 U	<0.019 U	<0.017 U
Total Xylenes	mg/kg	260	260	3.96	<0.034 U	<0.033 U	<0.033 U	<0.034 U	<0.033 U	<0.031 U	<0.034 U	<0.033 U	<0.036 U	0.053	<0.032 U	<0.033 U	<0.038 U	<0.034 U
trans-1,2-Dichloroethene	mg/kg	1,850	1,560	0.0626	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
trans-1,3-Dichloropropene	mg/kg	1,510	1,510	NS	<0.067 U	<0.066 U	<0.067 U	<0.068 U	<0.066 U	<0.063 U	<0.069 U	<0.065 U	<0.071 U	<0.079 U	<0.064 U	<0.067 U	<0.076 U	<0.069 U
Trichloroethene	mg/kg	8.41	1.3	0.0036	<0.034 U	<0.033 U	<0.033 U	<0.034 U	<0.033 U	<0.031 U	<0.034 U	<0.033 U	<0.036 U	0.089	<0.032 U	<0.033 U	<0.038 U	<0.034 U
Vinyl chloride	mg/kg	2.08	0.067	0.0001	<0.034 U	<0.033 U	<0.033 U	<0.034 U	<0.033 U	<0.031 U	<0.034 U	<0.033 U	<0.036 U	0.066	<0.032 U	<0.033 U	<0.038 U	<0.034 U
PAHs																		
1-Methylnaphthalene	mg/kg	72.7	17.6	NS	0.48	<0.037 U	<0.038 U	<0.038 U	0.027 J	<0.036 U	<0.037 U	<0.036 U	0.018 J	0.063	0.098	0.022 J	0.02 J	<0.039 U
2-Methylnaphthalene	mg/kg	3,010	239	NS	0.39	<0.037 U	<0.038 U	<0.038 U	0.034 J	<0.036 U	<0.037 U	<0.036 U	0.021 J	0.087	0.13	0.027 J	0.015 J	<0.039 U
Acenaphthene	mg/kg	45,200	3,590	NS	<0.037 U	<0.037 U	<0.038 U	<0.038 U	0.042	<0.036 U	<0.037 U	<0.036 U	0.024 J	0.069	0.26	0.092	0.063	<0.039 U
Acenaphthylene	mg/kg	NS	NS	NS	<0.037 U	<0.037 U	<0.038 U	<0.038 U	0.021 J	<0.036 U	<0.037 U	<0.036 U	0.04	0.022 J	0.071	0.0075 J	0.079	<0.039 U
Anthracene	mg/kg	100,000	17,900	196.9	<0.037 U	<0.037 U	<0.038 U	<0.038 U	0.097	<0.036 U	<0.037 U	<0.036 U	0.19	0.13	0.41	0.15	0.11	<0.039 U
Benzo(a)anthracene	mg/kg	20.8	1.14	NS	0.088	<0.037 U	<0.038 U	<0.038 U	0.012 J	0.33	<0.036 U	<0.037 U	0.5	0.38	0.98	0.32	0.56	<0.039 U
Benzo(a)pyrene	mg/kg	2.11	0.115	0.47	<0.037 U	<0.037 U	<0.038 U	<0.038 U	0.26	<0.036 U	<0.037 U	<0.036 U	0.48	0.26	0.83	0.25	0.57	<0.039 U
Benzo(b)fluoranthene	mg/kg	21.1	1.15	0.4793	<0.037 U	<0.037 U	<0.038 U	<0.038 U	0.58	<0.036 U	<0.037 U	<0.036 U	1.1	0.56	1.7	0.37	0.84	<0.039 U
Benzo(g,h,i)perylene	mg/kg	NS	NS	NS	<0.037 U	<0.037 U	<0.038 U	<0.038 U	0.062	<0.036 U	<0.037 U	<0.036 U	0.21	0.1	<0.037 U	0.1	0.29	<0.039 U
Benzo(k)fluoranthene	mg/kg	211	11.5	NS	<0.037 U	<0.037 U	<0.038 U	<0.038 U	0.54	<0.036 U	<0.037 U	<0.036 U	0.26	0.13	0.15	0.14	0.31	<0.039 U
Chrysene	mg/kg	2,110	115	0.1446	0.2	<0.037 U	<0.038 U	<0.038 U	0.35	<0.036 U	<0.037 U	<0.036 U	0.61	0.67	0.98	0.3	0.57	<0.039 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Industrial Direct Contact RCL	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-01		B-02		B-03		B-04		B-05		B-06		B-07	
					3/23/2016 2-4	3/23/2016 8-10	3/22/2016 2-4	3/22/2016 10-12	3/22/2016 2-4	3/22/2016 8-10	3/23/2016 2-4	3/23/2016 10-12	3/23/2016 2-4	3/23/2016 4-6	3/22/2016 2-4	3/22/2016 4-6	3/22/2016 2-4	3/22/2016 8-10
PAHs (continued)																		
Dibenzo(a,h)anthracene	mg/kg	2.11	0.115	NS	<0.037 U	<0.037 U	<0.038 UF1	<0.038 U	0.032 J	<0.036 U	<0.037 U	<0.036 U	0.053	<0.042 U	0.093	0.029 J	0.074	<0.039 U
Fluoranthene	mg/kg	30,100	2,390	88.9	0.15	<0.037 U	<0.038 UF1	<0.038 U	0.81	<0.036 U	<0.037 U	<0.036 U	1	0.91	3	0.89	1.3	<0.039 U
Fluorene	mg/kg	30,100	2,390	14.8	0.11	<0.037 U	<0.038 U	<0.038 U	0.04	<0.036 U	<0.037 U	<0.036 U	0.057	0.2	0.2	0.083	0.041	<0.039 U
Indeno(1,2,3-cd)pyrene	mg/kg	21.1	1.15	NS	<0.037 U	<0.037 U	<0.038 UF1F2	<0.038 U	0.13	<0.036 U	<0.037 U	<0.036 U	0.2	0.099	0.39	0.11	0.3	<0.039 U
Naphthalene	mg/kg	24.1	5.52	0.6582	0.085	<0.037 U	<0.038 U	<0.038 U	0.033 J	<0.036 U	<0.037 U	<0.036 U	0.051	0.13	0.38	0.057	0.026 J	<0.039 U
Phenanthrene	mg/kg	NS	NS	NS	0.53	<0.037 U	<0.038 U	0.014 J	0.51	<0.036 U	<0.037 U	<0.036 U	0.43	0.86	2.2	0.66	0.47	<0.039 U
Pyrene	mg/kg	22,600	1,790	54.5	0.56	<0.037 U	<0.038 UF1	<0.038 U	0.64	0.0088 J	<0.037 U	<0.036 U	1	0.68	2	0.66	1	0.0091 J

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-08		B-09		B-10		B-11	B-12	B-13	B-14	B-15	B-16	B-17	B-18
				3/22/2016 2-4	3/22/2016 8-10	3/22/2016 2-4	3/22/2016 8-10	3/22/2016 2-4	3/22/2016 4-6	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/15/2016 0-12	3/15/2016 0-12	3/14/2016 0-12
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	<0.019 U	NA	0.013 J	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/kg	342	0.0050	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	mg/kg	NS	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.33 U	<0.34 U	<0.33 U	<0.33 U	<0.31 U	<0.33 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	mg/kg	1,490	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	mg/kg	191	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	mg/kg	907	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	mg/kg	253	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	mg/kg	1.49	0.0051	<0.016 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.017 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	mg/kg	354	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromochloromethane	mg/kg	232	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	mg/kg	0.39	0.0003	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	mg/kg	23.6	0.0023	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	mg/kg	10.3	0.0051	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
CFC-11	mg/kg	1,230	4.48	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
CFC-12	mg/kg	135	3.09	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	NA	NA	NA	NA	NA	NA	NA	NA

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-08		B-09		B-10		B-11	B-12	B-13	B-14	B-15	B-16	B-17	B-18
				3/22/2016 2-4	3/22/2016 8-10	3/22/2016 2-4	3/22/2016 8-10	3/22/2016 2-4	3/22/2016 4-6	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/15/2016 0-12	3/15/2016 0-12	3/14/2016 0-12
Parameter	Unit	RCL	RCL														
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	mg/kg	2120	0.2266	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/kg	0.423	0.0033	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	mg/kg	171	0.0155	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	2.8	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	0.034 J	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	mg/kg	36.6	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Dichloromethane	mg/kg	60.7	0.0026	<0.33 U	<0.34 U	<0.33 U	<0.33 U	<0.31 U	<0.33 U	NA	NA	NA	NA	NA	NA	NA	NA
Diisopropyl ether	mg/kg	2,260	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	mg/kg	7.47	1.57	<0.016 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.017 U	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	mg/kg	268	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	5.15	0.6582	<0.065 U	<0.067 U	<0.067 U	<0.066 U	0.12	0.56	NA	NA	NA	NA	NA	NA	NA	NA
N-Butylbenzene	mg/kg	108	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
N-Propylbenzene	mg/kg	264	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	mg/kg	145	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Styrene (Monomer)	mg/kg	867	0.22	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	mg/kg	183	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/kg	30.7	0.0045	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	mg/kg	818	1.11	<0.016 U	<0.017 U	<0.017 U	<0.017 U	0.033	<0.017 U	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	mg/kg	260	3.96	<0.033 U	<0.034 U	<0.033 U	<0.033 U	0.029 J	<0.033 U	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.065 U	<0.067 U	<0.067 U	<0.066 U	<0.063 U	<0.067 U	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/kg	1.26	0.0036	<0.033 U	<0.034 U	<0.033 U	<0.033 U	<0.031 U	0.021 J	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/kg	0.0671	0.0001	<0.033 U	<0.034 U	<0.033 U	<0.033 U	<0.031 U	<0.033 U	NA	NA	NA	NA	NA	NA	NA	NA
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.074	0.026 J	0.0094 J	<0.037 U	<0.038 U	<0.037 U	0.021 J	0.0093 J	<0.038 U	0.017 J
2-Methylnaphthalene	mg/kg	229	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.081	0.042	0.011 J	<0.037 U	<0.038 U	<0.037 U	0.023 J	0.0092 J	<0.038 U	0.018 J
Acenaphthene	mg/kg	3,440	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.17	0.068	0.033 J	<0.037 U	<0.038 U	<0.037 U	0.067	0.016 J	<0.038 U	0.044
Acenaphthylene	mg/kg	NS	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.084	0.028 J	0.01 J	<0.037 U	<0.038 U	<0.037 U	0.038	0.011 J	<0.038 U	0.016 J
Anthracene	mg/kg	17,200	196.9	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.37	0.059	0.069	0.0082 J	0.0065 J	<0.037 U	0.11	0.034 J	<0.038 U	0.12
Benzo(a)anthracene	mg/kg	0.15	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	1.4	0.13	0.23	0.043	0.035 J	<0.037 U	0.3	0.15	0.049	0.56
Benzo(a)pyrene	mg/kg	0.015	0.47	<0.037 U	<0.037 U	<0.038 U	<0.037 U	1.1	0.086	0.23	0.046	0.039	<0.037 U	0.31	0.16	0.058	0.62
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	<0.037 U	<0.037 U	<0.038 U	<0.037 U	2.1	0.18	0.47	0.082	0.075	<0.037 UF1	0.57	0.31	0.09	1.2
Benzo(g,h,i)perylene	mg/kg	NS	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.4	0.042	0.045	0.019 J	0.013 J	<0.037 U	0.1	0.047	0.034 J	0.2
Benzo(k)fluoranthene	mg/kg	1.48	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.79	0.065	0.17	0.034 J	0.033 J	<0.037 U	0.2	0.13	0.035 J	0.48
Chrysene	mg/kg	14.8	0.1446	<0.037 U	<0.037 U	<0.038 U	<0.037 U	1.4	0.12	0.27	0.053	0.047	0.011 J	0.31	0.18	0.066	0.59

Notes on Page 6.

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-08		B-09		B-10		B-11	B-12	B-13	B-14	B-15	B-16	B-17	B-18
				3/22/2016 2-4	3/22/2016 8-10	3/22/2016 2-4	3/22/2016 8-10	3/22/2016 2-4	3/22/2016 4-6	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/15/2016 0-12	3/15/2016 0-12	3/14/2016 0-12
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.14	0.013 J	<0.038 U	<0.037 U	<0.038 U	<0.037 U	0.035 J	<0.038 U	<0.038 U	0.068
Fluoranthene	mg/kg	2,290	88.9	<0.037 U	<0.037 U	<0.038 U	<0.037 U	4.7	0.33	0.51	0.095	0.094	<0.037 U	0.87	0.36	0.069	1.2
Fluorene	mg/kg	2,290	14.8	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.14	0.031 J	0.028 J	<0.037 U	<0.038 U	<0.037 U	0.089	0.012 J	<0.038 U	0.039
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.45	0.044	0.059	0.022 J	0.015 J	<0.037 U	0.12	0.061	0.028 J	0.24
Naphthalene	mg/kg	5.15	0.6582	<0.037 U	<0.037 U	<0.038 U	<0.037 U	0.12	0.071	0.016 J	<0.037 U	<0.038 U	<0.037 U	0.021 J	0.014 J	<0.038 U	0.029 J
Phenanthrene	mg/kg	NS	NS	<0.037 U	<0.037 U	<0.038 U	<0.037 U	2.1	0.23	0.3	0.053	0.035 J	<0.037 U	0.78	0.2	0.03 J	0.6
Pyrene	mg/kg	1,720	54.5	<0.037 U	<0.037 U	<0.038 U	<0.037 U	3.8	0.26	0.52	0.082	0.11	<0.037 UF1	1.1	0.31	0.1	1.8

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-19	B-20	B-21	B-22	B-23	B-24	B-25	B-26	B-27	B-28	B-29		B-30	
				3/14/2016 0-12	3/15/2016 0-12	3/15/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/15/2016 2-4	3/15/2016 10-12
Parameter																	
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.018 U	NA	<0.19 U	NA
Aroclor 1221	mg/kg	0.19	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.018 U	NA	<0.19 U	NA
Aroclor 1232	mg/kg	0.17	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.018 U	NA	<0.19 U	NA
Aroclor 1242	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.018 U	NA	<0.19 U	NA
Aroclor 1248	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.018 U	NA	<0.19 U	NA
Aroclor 1254	mg/kg	0.213	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.018 U	NA	0.46	NA
Aroclor 1260	mg/kg	0.216	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.018 U	NA	<0.19 U	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,1,1-Trichloroethane	mg/kg	640	0.1402	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,1-Dichloroethene	mg/kg	342	0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,1-Dichloropropene	mg/kg	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.32 U	<0.33 U	<0.33 U	<0.35 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,2-Dichlorobenzene	mg/kg	376	1.168	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,3-Dichlorobenzene	mg/kg	297	1.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,3-Dichloropropane	mg/kg	1,490	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
1,4-Dichlorobenzene	mg/kg	3.48	0.144	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
2,2-Dichloropropane	mg/kg	191	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
2-Chlorotoluene	mg/kg	907	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
4-Chlorotoluene	mg/kg	253	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Benzene	mg/kg	1.49	0.0051	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.016 U	<0.016 U	<0.017 U	<0.017 U
Bromobenzene	mg/kg	354	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Bromochloromethane	mg/kg	232	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Bromodichloromethane	mg/kg	0.39	0.0003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Bromoform	mg/kg	23.6	0.0023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Bromomethane	mg/kg	10.3	0.0051	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.13 U	<0.13 U	<0.13 U	<0.14 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.19	<0.065 U	<0.067 U	<0.069 U
CFC-11	mg/kg	1,230	4.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
CFC-12	mg/kg	135	3.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.13 U	<0.13 U	<0.13 U	<0.14 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-19	B-20	B-21	B-22	B-23	B-24	B-25	B-26	B-27	B-28	B-29		B-30	
				3/14/2016 0-12	3/15/2016 0-12	3/15/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/15/2016 2-4	3/15/2016 10-12
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Chlorodibromomethane	mg/kg	7.6	0.0320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Chloroethane	mg/kg	2120	0.2266	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Chloroform	mg/kg	0.423	0.0033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Chloromethane	mg/kg	171	0.0155	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
cis-1,3-Dichloropropene	mg/kg	1,210	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Dibromomethane	mg/kg	36.6	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Dichloromethane	mg/kg	60.7	0.0026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.32 U	<0.33 U	<0.33 U	<0.35 U
Diisopropyl ether	mg/kg	2,260	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Ethylbenzene	mg/kg	7.47	1.57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.016 U	<0.016 U	<0.017 U	<0.017 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Isopropylbenzene	mg/kg	268	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Naphthalene	mg/kg	5.15	0.6582	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
N-Butylbenzene	mg/kg	108	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
N-Propylbenzene	mg/kg	264	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
sec-Butylbenzene	mg/kg	145	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Styrene (Monomer)	mg/kg	867	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
tert-Butylbenzene	mg/kg	183	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Tetrachloroethene	mg/kg	30.7	0.0045	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Toluene	mg/kg	818	1.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.016 U	<0.016 U	0.12	<0.017 U
Total Xylenes	mg/kg	260	3.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.032 U	<0.033 U	0.02 J	<0.035 U
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.064 U	<0.065 U	<0.067 U	<0.069 U
Trichloroethene	mg/kg	1.26	0.0036	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.032 U	<0.033 U	<0.033 U	<0.035 U
Vinyl chloride	mg/kg	0.0671	0.0001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.032 U	<0.033 U	<0.033 U	<0.035 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	0.019 J	<0.037 U	<0.037 U	0.019 J	0.013 J	<0.039 U	<0.037 U	0.31	0.047	<0.039 U	<0.038 U	<0.038 U	0.024 J	<0.037 U
2-Methylnaphthalene	mg/kg	229	NS	0.02 J	<0.037 U	<0.037 U	0.022 J	0.014 J	<0.039 U	<0.037 U	0.44	0.054	<0.039 U	<0.038 U	<0.038 U	0.023 J	<0.037 U
Acenaphthene	mg/kg	3,440	NS	0.04	0.14	<0.037 U	<0.037 U	0.023 J	0.0080 J	0.0087 J	1.3	0.074	0.016 J	<0.038 U	<0.038 U	0.036 J	<0.037 U
Acenaphthylene	mg/kg	NS	NS	0.017 J	0.036 J	<0.037 U	<0.037 U	0.014 J	<0.039 U	<0.037 U	0.044	0.026 J	0.012 J	<0.038 U	<0.038 U	0.025 J	<0.037 U
Anthracene	mg/kg	17,200	196.9	0.076	0.64	0.012 J	0.0092 J	0.057	0.016 J	0.021 J	1.8	0.15	0.04	<0.038 U	<0.038 U	0.091	<0.037 U
Benzo(a)anthracene	mg/kg	0.15	NS	0.32	5.1	0.078	0.041	0.23	0.11	0.079	3.1	0.64	0.24	<0.038 U	<0.038 U	0.41	0.013 J
Benzo(a)pyrene	mg/kg	0.015	0.47	0.36	5.6	0.089	0.056	0.24	0.11	0.091	2.7	0.57	0.28	<0.038 U	<0.038 U	0.38	0.011 J
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	0.66	8.6	0.17	0.085	0.56	0.24	0.17	4.2	1.1	0.51	<0.038 UF1	<0.038 U	0.82 F1	0.022 J
Benzo(g,h,i)perylene	mg/kg	NS	NS	0.12	2.5	0.027 J	<0.037 U	0.059	0.037 J	0.027 J	0.85	0.25	0.13	<0.038 UF1	<0.038 U	0.096 F1	<0.037 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.27	3.1	0.06	0.03 J	0.12	0.095	0.056	1.7	0.38	0.23	<0.038 U	<0.038 U	0.31	<0.037 U
Chrysene	mg/kg	14.8	0.1446	0.36	5.9	0.1	0.058	0.28	0.13	0.1	3.2	0.72	0.3	<0.038 U	<0.038 U	0.47	0.028 J

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-19	B-20	B-21	B-22	B-23	B-24	B-25	B-26	B-27	B-28	B-29		B-30	
				3/14/2016 0-12	3/15/2016 0-12	3/15/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/14/2016 0-12	3/15/2016 2-4	3/15/2016 10-12
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	0.05	0.76	<0.037 U	<0.037 U	0.016 J	<0.039 U	<0.037 U	0.29	<0.037 U	<0.039 U	<0.038 U	<0.038 U	0.038 F1	<0.037 U
Fluoranthene	mg/kg	2,290	88.9	0.77	13	0.15	0.095	0.55	0.23	0.2	7.6	1.4	0.42	<0.038 U	<0.038 U	0.91	0.029 J
Fluorene	mg/kg	2,290	14.8	0.035 J	0.16	<0.037 U	0.0083 J	0.021 J	0.0075 J	0.0055 J	1	0.079	0.012 J	<0.038 U	<0.038 U	0.031 J	<0.037 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	0.16	2.3	0.035 J	<0.037 U	0.079	0.049	0.031 J	0.77	0.22	0.11	<0.038 U	<0.038 U	0.13 F1	<0.037 U
Naphthalene	mg/kg	5.15	0.6582	0.025 J	0.013 J	<0.037 U	0.017 J	0.017 J	<0.039 U	0.0073 J	1.1	0.069	<0.039 U	<0.038 U	<0.038 U	0.027 J	<0.037 U
Phenanthrene	mg/kg	NS	NS	0.46	5.1	0.06	0.076	0.28	0.083	0.098	9.2	0.85	0.22	<0.038 U	0.0077 J	0.5	0.028 J
Pyrene	mg/kg	1,720	54.5	1.2	10	0.19	0.18	0.64	0.27	0.2	9.6	2.3	0.81	<0.038 U	<0.038 U	1.1 F1	0.033 J

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-31		B-32		B-33		B-34		B-35		B-36		B-37	
				3/15/2016 2-4	3/15/2016 6-8	3/15/2016 2-4	3/15/2016 8-10	3/15/2016 2-4	3/15/2016 8-10	3/15/2016 2-4	3/15/2016 6-8	3/15/2016 2-4	3/15/2016 4-6	3/15/2016 2-4	3/15/2016 8-10	3/16/2016 2-4	3/16/2016 10-12
Parameter	Unit	RCL	RCL														
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	<0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.019 U	NA	1	NA
Aroclor 1221	mg/kg	0.19	NS	<0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.019 U	NA	<0.2 U	NA
Aroclor 1232	mg/kg	0.17	NS	<0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.019 U	NA	<0.2 U	NA
Aroclor 1242	mg/kg	0.21	NS	<0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.019 U	NA	<0.2 U	NA
Aroclor 1248	mg/kg	0.21	NS	1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.019 U	NA	<0.2 U	NA
Aroclor 1254	mg/kg	0.213	NS	<0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0054 J	NA	0.94	NA
Aroclor 1260	mg/kg	0.216	NS	<0.38 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.019 U	NA	<0.2 U	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,1-Dichloroethene	mg/kg	342	0.0050	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,1-Dichloropropene	mg/kg	NS	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	34	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.32 U	<0.33 U	<0.31 U	<0.32 U	<0.33 U	<0.32 U	<0.34 U	<0.34 U	<0.32 U	<3.3 U	<0.33 U	<0.31 U	<0.35 U	<0.34 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	8.6	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,3-Dichloropropane	mg/kg	1,490	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
2,2-Dichloropropane	mg/kg	191	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
2-Chlorotoluene	mg/kg	907	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
4-Chlorotoluene	mg/kg	253	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Benzene	mg/kg	1.49	0.0051	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.017 U	<0.017 U	<0.016 U	<0.17 U	<0.017 U	<0.016 U	<0.018 U	<0.017 U
Bromobenzene	mg/kg	354	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Bromochloromethane	mg/kg	232	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Bromodichloromethane	mg/kg	0.39	0.0003	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Bromoform	mg/kg	23.6	0.0023	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Bromomethane	mg/kg	10.3	0.0051	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<1.3 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
CFC-11	mg/kg	1,230	4.48	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
CFC-12	mg/kg	135	3.09	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<1.3 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-31		B-32		B-33		B-34		B-35		B-36		B-37	
				3/15/2016 2-4	3/15/2016 6-8	3/15/2016 2-4	3/15/2016 8-10	3/15/2016 2-4	3/15/2016 8-10	3/15/2016 2-4	3/15/2016 6-8	3/15/2016 2-4	3/15/2016 4-6	3/15/2016 2-4	3/15/2016 8-10	3/16/2016 2-4	3/16/2016 10-12
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Chloroethane	mg/kg	2120	0.2266	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Chloroform	mg/kg	0.423	0.0033	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Chloromethane	mg/kg	171	0.0155	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Dibromomethane	mg/kg	36.6	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Dichloromethane	mg/kg	60.7	0.0026	<0.32 U	<0.33 U	<0.31 U	<0.32 U	<0.33 U	<0.32 U	<0.34 U	<0.34 U	<0.32 U	<3.3 U	<0.33 U	<0.31 U	<0.35 U	<0.34 U
Diisopropyl ether	mg/kg	2,260	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Ethylbenzene	mg/kg	7.47	1.57	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.017 U	<0.017 U	<0.016 U	120	<0.017 U	<0.016 U	0.025	<0.017 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Isopropylbenzene	mg/kg	268	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	4.7	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Naphthalene	mg/kg	5.15	0.6582	0.075	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	21	<0.067 U	<0.063 U	<0.07 U	<0.067 U
N-Butylbenzene	mg/kg	108	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	5.4	<0.067 U	<0.063 U	<0.07 U	<0.067 U
N-Propylbenzene	mg/kg	264	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	3.5	<0.067 U	<0.063 U	<0.07 U	<0.067 U
sec-Butylbenzene	mg/kg	145	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	1.4	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Styrene (Monomer)	mg/kg	867	0.22	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
tert-Butylbenzene	mg/kg	183	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	3.2	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Toluene	mg/kg	818	1.11	0.025	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.017 U	<0.017 U	<0.016 U	3.2	<0.017 U	<0.016 U	<0.018 U	<0.017 U
Total Xylenes	mg/kg	260	3.96	<0.032 U	<0.033 U	<0.031 U	<0.032 U	<0.033 U	<0.032 U	<0.034 U	<0.034 U	<0.032 U	410	<0.033 U	<0.031 U	<0.035 U	<0.034 U
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.064 U	<0.065 U	<0.063 U	<0.063 U	<0.066 U	<0.065 U	<0.068 U	<0.069 U	<0.064 U	<0.67 U	<0.067 U	<0.063 U	<0.07 U	<0.067 U
Trichloroethene	mg/kg	1.26	0.0036	<0.032 U	<0.033 U	<0.031 U	<0.032 U	<0.033 U	<0.032 U	<0.034 U	<0.034 U	<0.032 U	<0.33 U	<0.033 U	<0.031 U	<0.035 U	<0.034 U
Vinyl chloride	mg/kg	0.0671	0.0001	<0.032 U	<0.033 U	<0.031 U	<0.032 U	<0.033 U	<0.032 U	<0.034 U	<0.034 U	<0.032 U	<0.33 U	<0.033 U	<0.031 U	<0.035 U	<0.034 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	0.043	<0.037 U	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	0.18	<0.038 U	<0.037 U	<0.039 U	<0.038 U
2-Methylnaphthalene	mg/kg	229	NS	0.051	0.0090 J	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	0.47	<0.038 U	<0.037 U	0.0077 J	0.0092 J
Acenaphthene	mg/kg	3,440	NS	0.016 J	0.01 J	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.037 U	<0.037 U	0.012 J	<0.038 U
Acenaphthylene	mg/kg	NS	NS	0.018 J	<0.037 U	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.037 U	<0.037 U	0.011 J	<0.038 U
Anthracene	mg/kg	17,200	196.9	0.052	0.018 J	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.037 U	<0.037 U	0.033 J	<0.038 U
Benzo(a)anthracene	mg/kg	0.15	NS	0.28	0.038	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.037 U	<0.037 U	0.17	<0.038 U
Benzo(a)pyrene	mg/kg	0.015	0.47	0.28	0.033 J	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.037 U	<0.037 U	0.16	<0.038 U
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	0.56	0.054	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.037 U	<0.037 U	0.32	<0.038 U
Benzo(g,h,i)perylene	mg/kg	NS	NS	0.099	0.02 J	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.037 U	<0.037 U	0.048	<0.038 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.18	0.014 J	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.037 U	<0.037 U	0.11	<0.038 U
Chrysene	mg/kg	14.8	0.1446	0.32	0.048	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.037 U	<0.037 U	0.2	0.011 J

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-31		B-32		B-33		B-34		B-35		B-36		B-37	
				3/15/2016 2-4	3/15/2016 6-8	3/15/2016 2-4	3/15/2016 8-10	3/15/2016 2-4	3/15/2016 8-10	3/15/2016 2-4	3/15/2016 6-8	3/15/2016 2-4	3/15/2016 4-6	3/15/2016 2-4	3/15/2016 8-10	3/16/2016 2-4	3/16/2016 10-12
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	0.018 J	<0.037 U	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.038 U	<0.037 U	0.017 J	<0.038 U
Fluoranthene	mg/kg	2,290	88.9	0.7	0.11	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.038 U	<0.037 U	0.37	<0.038 U
Fluorene	mg/kg	2,290	14.8	0.018 J	0.015 J	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.038 U	<0.037 U	0.01 J	<0.038 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	0.11	0.02 J	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.038 U	<0.037 U	0.059	<0.038 U
Naphthalene	mg/kg	5.15	0.6582	0.042	0.0092 J	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	12	<0.038 U	<0.037 U	0.016 J	<0.038 U
Phenanthrene	mg/kg	NS	NS	0.26	0.12	<0.036 U	<0.037 U	0.0053 J	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.038 U	<0.037 U	0.18	<0.038 U
Pyrene	mg/kg	1,720	54.5	0.56	0.086	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.039 U	<0.037 U	<0.038 U	<0.038 U	<0.037 U	0.38	<0.038 U

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-38		B-39		B-40		B-41		B-42		B-43		B-44	
				3/16/2016 2-4	3/16/2016 4-6	3/16/2016 2-4	3/16/2016 8-10	3/16/2016 2-4	3/16/2016 8-10	3/16/2016 2-4	3/16/2016 8-10	3/16/2016 2-4	3/16/2016 6-8	3/16/2016 2-4	3/16/2016 10-12	3/16/2016 2-4	3/16/2016 6-8
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	<0.038 U	NA	NA	NA	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	<0.038 U	NA	NA	NA	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	<0.038 U	NA	NA	NA	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	<0.038 U	NA	NA	NA	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	0.47	NA	NA	NA	0.19	NA	0.025	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	0.18	NA	NA	NA	0.13	NA	0.013 J	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	<0.038 U	NA	NA	NA	<0.019 U	NA	<0.019 U	NA	NA	NA	NA	NA	NA	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.07 U	0.48	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	0.44	0.4	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,1-Dichloroethene	mg/kg	342	0.0050	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,1-Dichloropropene	mg/kg	NS	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.07 U	0.94	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.35 U	<0.37 U	<0.33 U	<0.34 U	<0.35 U	<0.44 U	<0.32 U	<0.33 U	<0.35 U	<0.32 U	<0.33 U	<0.34 U	<0.36 U	<0.0066 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.07 U	0.23	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,3-Dichloropropane	mg/kg	1,490	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
2,2-Dichloropropane	mg/kg	191	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
2-Chlorotoluene	mg/kg	907	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
4-Chlorotoluene	mg/kg	253	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Benzene	mg/kg	1.49	0.0051	<0.017 U	<0.018 U	<0.016 U	<0.017 U	<0.017 U	<0.022 U	<0.016 U	<0.017 U	<0.018 U	<0.016 U	<0.017 U	<0.017 U	<0.018 U	<0.00033 U
Bromobenzene	mg/kg	354	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Bromochloromethane	mg/kg	232	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Bromodichloromethane	mg/kg	0.39	0.0003	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Bromoform	mg/kg	23.6	0.0023	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U*	<0.0013 U*
Bromomethane	mg/kg	10.3	0.0051	<0.14 U	<0.15 U	<0.13 U	<0.13 U	<0.14 U	<0.18 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.0026 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
CFC-11	mg/kg	1,230	4.48	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
CFC-12	mg/kg	135	3.09	<0.14 U	<0.15 U	<0.13 U	<0.13 U	<0.14 U	<0.18 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.0026 U	

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-38		B-39		B-40		B-41		B-42		B-43		B-44	
				3/16/2016 2-4	3/16/2016 4-6	3/16/2016 2-4	3/16/2016 8-10	3/16/2016 2-4	3/16/2016 8-10	3/16/2016 2-4	3/16/2016 8-10	3/16/2016 2-4	3/16/2016 6-8	3/16/2016 2-4	3/16/2016 10-12	3/16/2016 2-4	3/16/2016 6-8
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U*	<0.0013 U*
Chloroethane	mg/kg	2120	0.2266	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Chloroform	mg/kg	0.423	0.0033	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Chloromethane	mg/kg	171	0.0155	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	0.045 J	0.25	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	0.083 J	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Dibromomethane	mg/kg	36.6	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U*	<0.0013 U*
Dichloromethane	mg/kg	60.7	0.0026	<0.35 U	<0.37 U	<0.33 U	<0.34 U	<0.35 U	<0.44 U	<0.32 U	<0.33 U	<0.35 U	<0.32 U	<0.33 U	<0.34 U	<0.36 U	<0.0066 U
Diisopropyl ether	mg/kg	2,260	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Ethylbenzene	mg/kg	7.47	1.57	0.061	2.8	<0.016 U	<0.017 U	<0.017 U	<0.022 U	<0.016 U	<0.017 U	<0.018 U	<0.016 U	<0.017 U	<0.017 U	<0.018 U	<0.00033 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Isopropylbenzene	mg/kg	268	NS	<0.07 U	0.093	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U*	<0.0013 U*
Naphthalene	mg/kg	5.15	0.6582	<0.07 U	0.52	0.12	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
N-Butylbenzene	mg/kg	108	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
N-Propylbenzene	mg/kg	264	NS	<0.07 U	0.04 J	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
sec-Butylbenzene	mg/kg	145	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Styrene (Monomer)	mg/kg	867	0.22	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
tert-Butylbenzene	mg/kg	183	NS	<0.07 U	0.14	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Toluene	mg/kg	818	1.11	<0.017 U	<0.018 U	<0.016 U	<0.017 U	<0.017 U	<0.022 U	<0.016 U	<0.017 U	<0.018 U	<0.016 U	<0.017 U	<0.017 U	<0.018 U	<0.00033 U
Total Xylenes	mg/kg	260	3.96	<0.035 U	2.4	<0.033 U	<0.034 U	<0.035 U	0.038 J	<0.032 U	<0.033 U	<0.035 U	<0.032 U	<0.033 U	<0.034 U	<0.036 U	<0.00066 U
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.07 U	<0.073 U	<0.066 U	<0.067 U	<0.07 U	<0.088 U	<0.064 U	<0.066 U	<0.071 U	<0.065 U	<0.066 U	<0.067 U	<0.071 U	<0.0013 U
Trichloroethene	mg/kg	1.26	0.0036	0.06	0.72	<0.033 U	<0.034 U	<0.035 U	<0.044 U	<0.032 U	<0.033 U	<0.035 U	<0.032 U	0.044	0.19	0.07 *	<0.00066 U*
Vinyl chloride	mg/kg	0.0671	0.0001	<0.035 U	0.072	<0.033 U	<0.034 U	<0.035 U	<0.044 U	<0.032 U	<0.033 U	<0.035 U	<0.032 U	<0.033 U	<0.034 U	<0.036 U	<0.00066 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	<0.039 U	<0.038 U	0.018 J	<0.038 U	<0.038 U	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	<0.038 U	<0.037 U	0.012 J	<0.038 U
2-Methylnaphthalene	mg/kg	229	NS	<0.039 U	0.012 J	0.015 J	<0.038 U	<0.038 U	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	<0.038 U	<0.037 U	0.011 J	<0.038 U
Acenaphthene	mg/kg	3,440	NS	<0.039 U	<0.038 U	0.045	<0.038 U	0.015 J	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	<0.038 U	<0.037 U	<0.039 U	<0.038 U
Acenaphthylene	mg/kg	NS	NS	<0.039 U	<0.038 U	0.31	<0.038 U	<0.038 U	<0.044 U	<0.037 U	<0.037 U	0.014 J	<0.036 U	<0.038 U	<0.037 U	<0.039 U	<0.038 U
Anthracene	mg/kg	17,200	196.9	<0.039 U	<0.038 U	0.64	<0.038 U	0.015 J	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	<0.038 U	<0.037 U	0.0095 J	<0.038 U
Benzo(a)anthracene	mg/kg	0.15	NS	0.025 J	0.018 J	1.8	<0.038 U	0.047	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	0.029 J	<0.037 U	0.069	<0.038 U
Benzo(a)pyrene	mg/kg	0.015	0.47	0.023 J	0.013 J	1.3	<0.038 U	0.044	<0.044 U	<0.037 U	<0.037 U	0.15	<0.036 U	0.022 J	<0.037 U	0.062	<0.038 U
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	0.046	0.022 J	2.1	<0.038 U	0.079	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	0.045	<0.037 U	0.11	<0.038 U
Benzo(g,h,i)perylene	mg/kg	NS	NS	<0.039 U	<0.038 U	0.29	<0.038 U	<0.038 U	<0.044 U	<0.037 U	<0.037 U	0.19	<0.036 U	<0.038 U	<0.037 U	0.017 J	<0.038 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.017 J	0.012 J	1	<0.038 U	0.033 J	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	0.023 J	<0.037 U	0.045	<0.038 U
Chrysene	mg/kg	14.8	0.1446	0.038 J	0.021 J	2	<0.038 U	0.056	0.012 J	<0.037 U	<0.037 U	0.077	<0.036 U	0.034 J	<0.037 U	0.075	<0.038 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-38		B-39		B-40		B-41		B-42		B-43		B-44	
				3/16/2016 2-4	3/16/2016 4-6	3/16/2016 2-4	3/16/2016 8-10	3/16/2016 2-4	3/16/2016 8-10	3/16/2016 2-4	3/16/2016 8-10	3/16/2016 2-4	3/16/2016 6-8	3/16/2016 2-4	3/16/2016 10-12	3/16/2016 2-4	3/16/2016 6-8
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.039 U	<0.038 U	0.11	<0.038 U	<0.038 U	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	<0.038 U	<0.037 U	<0.039 U	<0.038 U
Fluoranthene	mg/kg	2,290	88.9	0.05	0.033 J	6.2	<0.038 U	0.11	<0.044 U	<0.037 U	<0.037 U	0.019 J	<0.036 U	0.08	<0.037 U	0.13	<0.038 U
Fluorene	mg/kg	2,290	14.8	<0.039 U	<0.038 U	0.05	<0.038 U	0.012 J	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	<0.038 U	<0.037 U	<0.039 U	<0.038 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	<0.039 U	<0.038 U	0.35	<0.038 U	<0.038 U	<0.044 U	<0.037 U	<0.037 U	0.19	<0.036 U	<0.038 U	<0.037 U	<0.039 U	<0.038 U
Naphthalene	mg/kg	5.15	0.6582	<0.039 U	0.23	0.026 J	<0.038 U	<0.038 U	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	<0.038 U	<0.037 U	0.0083 J	<0.038 U
Phenanthrene	mg/kg	NS	NS	0.024 J	0.027 J	1.9	<0.038 U	0.083	<0.044 U	<0.037 U	<0.037 U	<0.039 U	<0.036 U	0.026 J	<0.037 U	0.06	<0.038 U
Pyrene	mg/kg	1,720	54.5	0.071	0.034 J	5.6	<0.038 U	0.11	<0.044 U	0.0090 J	<0.037 U	0.2	<0.036 U	0.1	<0.037 U	0.13	<0.038 U

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-45		B-46		B-47		B-48		B-49		B-50		B-51	
				3/17/2016 2-4	3/17/2016 8-10	3/17/2016 2-4	3/17/2016 8-10	3/17/2016 0-2	3/17/2016 8-10	3/17/2016 2-4	3/17/2016 8-10	3/18/2016 2-4	3/18/2016 8-10	3/17/2016 2-4	3/17/2016 8-10	3/17/2016 2-4	3/17/2016 10-12
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.071 U*	<0.068 U*	<0.067 U*	<0.066 U*	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U*	<0.07 U*	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Chloroethane	mg/kg	2120	0.2266	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Chloroform	mg/kg	0.423	0.0033	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Chloromethane	mg/kg	171	0.0155	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	0.056 J	<0.068 U	0.045 J	0.036 J	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Dibromomethane	mg/kg	36.6	NS	<0.071 U*	<0.068 U*	<0.067 U*	<0.066 U*	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U*	<0.07 U*	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Dichloromethane	mg/kg	60.7	0.0026	<0.36 U	<0.34 U	<0.33 U	<0.33 U	<0.32 U	<0.35 U	<0.35 U	<0.38 U	<0.35 U	<0.35 U	<0.36 U	<0.33 U	<0.33 U	<0.35 U
Diisopropyl ether	mg/kg	2,260	NS	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Ethylbenzene	mg/kg	7.47	1.57	<0.018 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.018 U	<0.017 U	<0.019 U	<0.018 U	<0.017 U	<0.018 U	<0.016 U	<0.017 U	<0.018 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Isopropylbenzene	mg/kg	268	NS	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.071 U*	<0.068 U*	<0.067 U*	<0.066 U*	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U*	<0.07 U*	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Naphthalene	mg/kg	5.15	0.6582	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
N-Butylbenzene	mg/kg	108	NS	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
N-Propylbenzene	mg/kg	264	NS	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
sec-Butylbenzene	mg/kg	145	NS	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Styrene (Monomer)	mg/kg	867	0.22	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
tert-Butylbenzene	mg/kg	183	NS	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Toluene	mg/kg	818	1.11	<0.018 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.018 U	<0.017 U	<0.019 U	<0.018 U	<0.017 U	<0.018 U	<0.016 U	<0.017 U	<0.018 U
Total Xylenes	mg/kg	260	3.96	0.028 J	<0.034 U	0.023 J	<0.033 U	<0.032 U	<0.035 U	<0.035 U	<0.038 U	<0.035 U	<0.035 U	<0.036 U	<0.033 U	<0.033 U	<0.035 U
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.071 U	<0.068 U	<0.067 U	<0.066 U	<0.065 U	<0.071 U	<0.07 U	<0.076 U	<0.071 U	<0.07 U	<0.073 U	<0.066 U	<0.066 U	<0.07 U
Trichloroethene	mg/kg	1.26	0.0036	<0.036 U*	<0.034 U*	<0.033 U*	<0.033 U*	<0.032 U	<0.035 U	<0.035 U	<0.038 U	<0.035 U*	<0.035 U*	<0.036 U	<0.033 U	0.014 J	<0.035 U
Vinyl chloride	mg/kg	0.0671	0.0001	<0.036 U	<0.034 U	<0.033 U	<0.033 U	<0.032 U	<0.035 U	<0.035 U	<0.038 U	<0.035 U	<0.035 U	<0.036 U	<0.033 U	<0.033 U	<0.035 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	<0.039 U	<0.037 U	<0.037 U	<0.038 U	0.013 J	<0.04 U	<0.039 U	<0.041 U	<0.04 U	<0.037 U	<0.038 U	<0.036 U	<0.037 U	<0.038 U
2-Methylnaphthalene	mg/kg	229	NS	<0.039 U	<0.037 U	<0.037 U	<0.038 U	0.011 J	<0.04 U	<0.039 U	<0.041 U	<0.04 U	<0.037 U	<0.038 U	<0.036 U	<0.037 U	<0.038 U
Acenaphthene	mg/kg	3,440	NS	<0.039 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.04 U	<0.039 U	<0.041 U	<0.04 U	<0.037 U	0.0080 J	<0.036 U	<0.037 U	<0.038 U
Acenaphthylene	mg/kg	NS	NS	<0.039 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.04 U	<0.039 U	<0.041 U	<0.04 U	<0.037 U	<0.038 U	<0.036 U	<0.037 U	<0.038 U
Anthracene	mg/kg	17,200	196.9	<0.039 U	<0.037 U	0.011 J	<0.038 U	0.0085 J	<0.04 U	<0.039 U	<0.041 U	<0.04 U	<0.037 U	0.031 J	<0.036 U	<0.037 U	<0.038 U
Benzo(a)anthracene	mg/kg	0.15	NS	<0.039 U	<0.037 U	0.074	<0.038 U	0.068	0.014 J	<0.039 U	0.014 J	0.016 J	<0.037 U	0.073	<0.036 U	0.02 J	0.0082 J
Benzo(a)pyrene	mg/kg	0.015	0.47	<0.039 U	<0.037 U	0.05	<0.038 U	0.078	<0.04 U	<0.039 U	<0.041 U	0.017 J	<0.037 U	0.048	<0.036 U	0.02 J	<0.038 U
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	<0.039 U	<0.037 U	0.078	<0.038 U	0.098	<0.04 U	<0.039 U	<0.041 U	0.02 J	<0.037 U	0.077	<0.036 U	0.028 J	<0.038 U
Benzo(g,h,i)perylene	mg/kg	NS	NS	<0.039 U	<0.037 U	0.039 F1	<0.038 U	0.038	<0.04 U	<0.039 U	<0.041 U	<0.04 UF1	<0.037 U	0.021 J	<0.036 U	<0.037 U	<0.038 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	<0.039 U	<0.037 U	0.027 J	<0.038 U	0.045	<0.04 U	<0.039 U	<0.041 U	<0.04 U	<0.037 U	0.031 J	<0.036 U	<0.037 U	<0.038 U
Chrysene	mg/kg	14.8	0.1446	<0.039 U	<0.037 U	0.089	<0.038 U	0.083	0.017 J	<0.039 U	0.02 J	0.019 J	<0.037 U	0.077	<0.036 U	0.025 J	<0.038 U

Notes on Page 18.

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-45		B-46		B-47		B-48		B-49		B-50		B-51	
				3/17/2016 2-4	3/17/2016 8-10	3/17/2016 2-4	3/17/2016 8-10	3/17/2016 0-2	3/17/2016 8-10	3/17/2016 2-4	3/17/2016 8-10	3/18/2016 2-4	3/18/2016 8-10	3/17/2016 2-4	3/17/2016 8-10	3/17/2016 2-4	3/17/2016 10-12
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.039 U	<0.037 U	<0.037 UF1	<0.038 U	<0.037 U	<0.04 U	<0.039 U	<0.041 U	<0.04 UF1	<0.037 U	<0.038 U	<0.036 U	<0.037 U	<0.038 U
Fluoranthene	mg/kg	2,290	88.9	<0.039 U	<0.037 U	0.1	<0.038 U	0.11	0.022 J	<0.039 U	0.033 J	0.021 J	<0.037 U	0.15	<0.036 U	0.035 J	0.011 J
Fluorene	mg/kg	2,290	14.8	<0.039 U	<0.037 U	<0.037 U	<0.038 U	<0.037 U	<0.04 U	<0.039 U	<0.041 U	<0.04 U	<0.037 U	0.011 J	<0.036 U	<0.037 U	<0.038 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	<0.039 U	<0.037 U	0.03 JF1	<0.038 U	0.036 J	<0.04 U	<0.039 U	<0.041 U	<0.04 UF1	<0.037 U	0.019 J	<0.036 U	<0.037 U	<0.038 U
Naphthalene	mg/kg	5.15	0.6582	<0.039 U	<0.037 U	<0.037 U	<0.038 U	0.0075 J	<0.04 U	<0.039 U	<0.041 U	<0.04 U	<0.037 U	<0.038 U	<0.036 U	<0.037 U	<0.038 U
Phenanthrene	mg/kg	NS	NS	<0.039 U	<0.037 U	0.057	<0.038 U	0.065	0.018 J	<0.039 U	0.031 J	0.013 J	<0.037 U	0.13	<0.036 U	0.024 J	<0.038 U
Pyrene	mg/kg	1,720	54.5	<0.039 U	<0.037 U	0.24 F1	<0.038 U	0.13	0.035 J	<0.039 U	0.047	0.026 JF1	<0.037 U	0.12	<0.036 U	0.037	0.011 J

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-52		B-53		B-54		B-55		B-56		B-57		B-58	
				3/18/2016 2-4	3/18/2016 8-10	3/18/2016 2-4	3/18/2016 4-6	3/17/2016 0-2	3/17/2016 8-10	3/17/2016 0-2	3/17/2016 4-6	3/18/2016 0-2	3/18/2016 6-8	3/4/2016 2-4	3/4/2016 8-10	3/17/2016 2-4	3/17/2016 4-6
Parameter																	
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,1-Dichloroethene	mg/kg	342	0.0050	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
1,1-Dichloropropene	mg/kg	NS	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	0.29	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	0.093	<0.068 U
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.35 U	<0.36 U	<0.37 U	<0.38 U	<0.34 U	<0.37 U	<0.33 U	<0.35 U	<0.35 U	<0.38 U	<0.33 U	<0.35 U	<0.37 U	<0.34 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	0.11	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,3-Dichloropropane	mg/kg	1,490	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
2,2-Dichloropropane	mg/kg	191	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
2-Chlorotoluene	mg/kg	907	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
4-Chlorotoluene	mg/kg	253	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
Benzene	mg/kg	1.49	0.0051	<0.017 U	<0.018 U	<0.019 U	<0.019 U	<0.017 U	<0.018 U	<0.017 U	<0.018 U	<0.017 U	<0.019 U	<0.017 U*	<0.017 U*	0.02	<0.017 U
Bromobenzene	mg/kg	354	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Bromochloromethane	mg/kg	232	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Bromodichloromethane	mg/kg	0.39	0.0003	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Bromoform	mg/kg	23.6	0.0023	<0.069 U*	<0.073 U*	<0.074 U*	<0.075 U*	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U*	<0.076 U*	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Bromomethane	mg/kg	10.3	0.0051	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.13 U	<0.15 U	<0.13 U	<0.14 U	<0.14 U	<0.15 U	<0.13 U	<0.14 U	<0.15 U	<0.14 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
CFC-11	mg/kg	1,230	4.48	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
CFC-12	mg/kg	135	3.09	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.13 U	<0.15 U	<0.13 U	<0.14 U	<0.14 U	<0.15 U	<0.13 U	<0.14 U	<0.15 U	<0.14 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-52		B-53		B-54		B-55		B-56		B-57		B-58	
				3/18/2016 2-4	3/18/2016 8-10	3/18/2016 2-4	3/18/2016 4-6	3/17/2016 0-2	3/17/2016 8-10	3/17/2016 0-2	3/17/2016 4-6	3/18/2016 0-2	3/18/2016 6-8	3/4/2016 2-4	3/4/2016 8-10	3/17/2016 2-4	3/17/2016 4-6
Parameter																	
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.069 U*	<0.073 U*	<0.074 U*	<0.075 U*	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U*	<0.076 U*	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
Chloroethane	mg/kg	2120	0.2266	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Chloroform	mg/kg	0.423	0.0033	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
Chloromethane	mg/kg	171	0.0155	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Dibromomethane	mg/kg	36.6	NS	<0.069 U*	<0.073 U*	<0.074 U*	<0.075 U*	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U*	<0.076 U*	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
Dichloromethane	mg/kg	60.7	0.0026	<0.35 U	<0.36 U	<0.37 U	<0.38 U	<0.34 U	<0.37 U	<0.33 U	<0.35 U	<0.35 U	<0.38 U	<0.33 U*	<0.35 U*	<0.37 U	<0.34 U
Diisopropyl ether	mg/kg	2,260	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Ethylbenzene	mg/kg	7.47	1.57	<0.017 U	<0.018 U	<0.019 U	<0.019 U	<0.017 U	<0.018 U	<0.017 U	0.032	<0.017 U	<0.019 U	<0.017 U*	<0.017 U*	<0.019 U	<0.017 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Isopropylbenzene	mg/kg	268	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	0.11	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.069 U*	<0.073 U*	<0.074 U*	<0.075 U*	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U*	<0.076 U*	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Naphthalene	mg/kg	5.15	0.6582	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	0.16	0.1	<0.07 U	<0.076 U	<0.066 U	<0.07 U	0.079	<0.068 U
N-Butylbenzene	mg/kg	108	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	0.51	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
N-Propylbenzene	mg/kg	264	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	0.59	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
sec-Butylbenzene	mg/kg	145	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	0.22	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
Styrene (Monomer)	mg/kg	867	0.22	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
tert-Butylbenzene	mg/kg	183	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Toluene	mg/kg	818	1.11	<0.017 U	<0.018 U	<0.019 U	<0.019 U	0.019	<0.018 U	0.03	0.042	<0.017 U	<0.019 U	<0.017 U*	<0.017 U*	0.088	<0.017 U
Total Xylenes	mg/kg	260	3.96	<0.035 U	<0.036 U	<0.037 U	<0.038 U	0.02 J	<0.037 U	0.042	0.16	<0.035 U	<0.038 U	<0.033 U*	<0.035 U*	0.26	<0.034 U
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U*	<0.07 U*	<0.074 U	<0.068 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.069 U	<0.073 U	<0.074 U	<0.075 U	<0.067 U	<0.073 U	<0.067 U	<0.07 U	<0.07 U	<0.076 U	<0.066 U	<0.07 U	<0.074 U	<0.068 U
Trichloroethene	mg/kg	1.26	0.0036	<0.035 U	<0.036 U*	<0.037 U*	<0.038 U*	0.37	<0.037 U	0.14	0.034 J	<0.035 U*	<0.038 U*	0.043 *	<0.035 U*	0.79	<0.034 U
Vinyl chloride	mg/kg	0.0671	0.0001	<0.035 U	<0.036 U	<0.037 U	<0.038 U	<0.034 U	<0.037 U	<0.033 U	<0.035 U	<0.035 U	<0.038 U	<0.033 U	<0.035 U	<0.037 U	<0.034 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.15	<0.039 U	0.37	0.21	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.38	<0.038 U
2-Methylnaphthalene	mg/kg	229	NS	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.18	<0.039 U	0.46	0.29	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.42	<0.038 U
Acenaphthene	mg/kg	3,440	NS	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.21	<0.039 U	0.94	0.019 J	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.25	<0.038 U
Acenaphthylene	mg/kg	NS	NS	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.097	<0.039 U	0.53	0.023 J	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.052	<0.038 U
Anthracene	mg/kg	17,200	196.9	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.53	0.0097 J	2.5	0.076	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.5	<0.038 U
Benzo(a)anthracene	mg/kg	0.15	NS	<0.038 U	<0.04 U	0.021 J	<0.039 U	1.6	0.028 J	7.7	0.25	<0.038 U	<0.041 U	0.013 J	<0.038 U	2	0.019 J
Benzo(a)pyrene	mg/kg	0.015	0.47	<0.038 U	<0.04 U	0.016 J	<0.039 U	1.5	0.023 J	7.4	0.31	<0.038 U	<0.041 U	<0.036 U	<0.038 U	1.7	0.014 J
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	<0.038 U	<0.04 U	0.023 J	<0.039 U	2.8	0.039	17	0.63	<0.038 U	<0.041 U	0.016 J	<0.038 U	2.7	0.019 J
Benzo(g,h,i)perylene	mg/kg	NS	NS	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.29	<0.039 U	1.4	0.11	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.58	<0.038 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	<0.038 U	<0.04 U	<0.041 U	<0.039 U	1.1	0.017 J	4.8	0.21	<0.038 U	<0.041 U	<0.036 U	<0.038 U	1.2	<0.038 U
Chrysene	mg/kg	14.8	0.1446	<0.038 U	<0.04 U	0.027 J	<0.039 U	1.6	0.031 J	7.6	0.24	<0.038 U	<0.041 U	0.015 J	<0.038 U	2.3	0.024 J

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-52		B-53		B-54		B-55		B-56		B-57		B-58	
				3/18/2016 2-4	3/18/2016 8-10	3/18/2016 2-4	3/18/2016 4-6	3/17/2016 0-2	3/17/2016 8-10	3/17/2016 0-2	3/17/2016 4-6	3/18/2016 0-2	3/18/2016 6-8	3/4/2016 2-4	3/4/2016 8-10	3/17/2016 2-4	3/17/2016 4-6
Parameter																	
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.11 J	<0.039 U	0.4	<0.038 U	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.2	<0.038 U
Fluoranthene	mg/kg	2,290	88.9	<0.038 U	<0.04 U	0.041	0.01 J	4	0.059	18	0.57	<0.038 U	<0.041 U	0.021 J	<0.038 U	3.7	0.032 J
Fluorene	mg/kg	2,290	14.8	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.42	<0.039 U	1.2	0.034 J	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.28	<0.038 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.43	<0.039 U	2	0.13	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.6	<0.038 U
Naphthalene	mg/kg	5.15	0.6582	<0.038 U	<0.04 U	<0.041 U	<0.039 U	0.3	<0.039 U	0.93	0.098	<0.038 U	<0.041 U	<0.036 U	<0.038 U	0.32	<0.038 U
Phenanthrene	mg/kg	NS	NS	<0.038 U	<0.04 U	0.035 J	0.01 J	3.8	0.027 J	15	0.35	<0.038 U	<0.041 U	0.014 J	<0.038 U	2.8	0.024 J
Pyrene	mg/kg	1,720	54.5	<0.038 U	<0.04 U	0.047	0.0099 J	4.4	0.083	23	0.87	<0.038 U	<0.041 U	0.025 J	<0.038 U	3.5	0.04

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-59		B-60		B-61		B-62		B-63		B-64		B-65	
				3/17/2016 2-4	3/17/2016 4-6	3/3/2016 0-2	3/3/2016 10-12	3/3/2016 0-2	3/3/2016 4-6	3/17/2016 2-4	3/17/2016 6-8	3/3/2016 0-2	3/3/2016 8-10	3/3/2016 0-2	3/3/2016 8-10	3/4/2016 0-2	3/4/2016 4-6
Parameter																	
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,1-Dichloroethene	mg/kg	342	0.0050	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
1,1-Dichloropropene	mg/kg	NS	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	0.063 J	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	0.057 J	0.52	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.42 U	<0.36 U	<0.4 U	<0.36 U	<0.37 U	<0.37 U	<0.38 U	<0.45 U	<0.33 U	<0.34 U	<0.35 U	<0.36 U	<0.33 U	<0.36 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	0.2	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,3-Dichloropropane	mg/kg	1,490	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
2,2-Dichloropropane	mg/kg	191	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
2-Chlorotoluene	mg/kg	907	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
4-Chlorotoluene	mg/kg	253	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
Benzene	mg/kg	1.49	0.0051	0.1	0.065	<0.02 U	<0.018 U	<0.019 U	<0.018 U	0.026	0.13	<0.017 U	<0.017 U	<0.017 U	<0.018 U	<0.017 U*	<0.018 U*
Bromobenzene	mg/kg	354	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Bromochloromethane	mg/kg	232	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Bromodichloromethane	mg/kg	0.39	0.0003	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Bromoform	mg/kg	23.6	0.0023	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Bromomethane	mg/kg	10.3	0.0051	<0.17 U	<0.14 U	<0.16 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.18 U	<0.13 U	<0.14 U	<0.14 U	<0.14 U	<0.13 U	<0.14 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
CFC-11	mg/kg	1,230	4.48	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
CFC-12	mg/kg	135	3.09	<0.17 U	<0.14 U	<0.16 U	<0.14 U	<0.15 U	<0.15 U	<0.15 U	<0.18 U	<0.13 U	<0.14 U	<0.14 U	<0.14 U	<0.13 U	<0.14 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-59		B-60		B-61		B-62		B-63		B-64		B-65	
				3/17/2016 2-4	3/17/2016 4-6	3/3/2016 0-2	3/3/2016 10-12	3/3/2016 0-2	3/3/2016 4-6	3/17/2016 2-4	3/17/2016 6-8	3/3/2016 0-2	3/3/2016 8-10	3/3/2016 0-2	3/3/2016 8-10	3/4/2016 0-2	3/4/2016 4-6
Parameter																	
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
Chloroethane	mg/kg	2120	0.2266	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Chloroform	mg/kg	0.423	0.0033	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
Chloromethane	mg/kg	171	0.0155	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Dibromomethane	mg/kg	36.6	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
Dichloromethane	mg/kg	60.7	0.0026	<0.42 U	<0.36 U	<0.4 U	<0.36 U	<0.37 U	<0.37 U	<0.38 U	<0.45 U	<0.33 U	<0.34 U	<0.35 U	<0.36 U	<0.33 U*	<0.36 U*
Diisopropyl ether	mg/kg	2,260	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Ethylbenzene	mg/kg	7.47	1.57	0.027	<0.018 U	<0.02 U	<0.018 U	<0.019 U	<0.018 U	0.028	0.18	<0.017 U	<0.017 U	<0.017 U	<0.018 U	<0.017 U*	<0.018 U*
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Isopropylbenzene	mg/kg	268	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	0.051 J	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Naphthalene	mg/kg	5.15	0.6582	<0.084 U	<0.072 U	0.14	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
N-Butylbenzene	mg/kg	108	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
N-Propylbenzene	mg/kg	264	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	0.17	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
sec-Butylbenzene	mg/kg	145	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
Styrene (Monomer)	mg/kg	867	0.22	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
tert-Butylbenzene	mg/kg	183	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Toluene	mg/kg	818	1.11	0.18	<0.018 U	1.6	0.02	0.037	0.035	0.046	0.053	0.06	0.014 J	0.016 J	<0.018 U	<0.017 U*	<0.018 U*
Total Xylenes	mg/kg	260	3.96	0.24	0.07	0.1	<0.036 U	0.055	<0.037 U	0.16	0.67	<0.033 U	<0.034 U	<0.035 U	<0.036 U	<0.033 U*	<0.036 U*
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U*	<0.071 U*
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.084 U	<0.072 U	<0.081 U	<0.072 U	<0.075 U	<0.074 U	<0.076 U	<0.089 U	<0.066 U	<0.068 U	<0.07 U	<0.072 U	<0.066 U	<0.071 U
Trichloroethene	mg/kg	1.26	0.0036	0.52	<0.036 U	0.76	0.056	0.041	0.066	0.095	<0.045 U	<0.033 U	<0.034 U	0.033 J	<0.036 U	<0.033 U*	<0.036 U*
Vinyl chloride	mg/kg	0.0671	0.0001	<0.042 U	<0.036 U	<0.04 U	<0.036 U	<0.037 U	<0.037 U	<0.038 U	<0.045 U	<0.033 U	<0.034 U	<0.035 U	<0.036 U	<0.033 U	<0.036 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	0.28	<0.039 U	0.18	<0.039 U	1.8 J	0.15	0.12	0.083	<0.19 UF1	0.18	<0.2 U	<0.04 U	<0.038 U	<0.039 U
2-Methylnaphthalene	mg/kg	229	NS	0.34	<0.039 U	0.21	<0.039 U	1.9 J	0.15	0.16	0.039 J	<0.19 UF1	0.22	<0.2 U	<0.04 U	<0.038 U	<0.039 U
Acenaphthene	mg/kg	3,440	NS	0.013 J	<0.039 U	0.11	<0.039 U	3.7	0.055	0.01 J	0.0097 J	0.047 J	0.071	0.18 J	<0.04 U	<0.038 U	<0.039 U
Acenaphthylene	mg/kg	NS	NS	0.014 J	<0.039 U	0.028 J	<0.039 U	0.9 J	0.097	0.017 J	0.015 J	<0.19 U	<0.037 U	<0.2 U	<0.04 U	<0.038 U	<0.039 U
Anthracene	mg/kg	17,200	196.9	0.045	<0.039 U	0.24	<0.039 U	11	0.44	0.029 J	0.02 J	0.081 J	0.13	0.38	<0.04 U	<0.038 U	<0.039 U
Benzo(a)anthracene	mg/kg	0.15	NS	0.14	<0.039 U	1	<0.039 U	13	2.5	0.21	0.086	0.22	0.19	0.97	0.02 J	<0.038 U	0.018 J
Benzo(a)pyrene	mg/kg	0.015	0.47	0.13	<0.039 U	1.1	<0.039 U	12	2.5	0.24	0.089	0.2 F1F2	0.14	0.97	0.019 J	<0.038 U	<0.039 U
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	0.22	<0.039 U	0.63	<0.039 U	18	2.9	0.4	0.13	0.28 F1F2	0.16	1.2	<0.04 U	<0.038 U	0.028 J
Benzo(g,h,i)perylene	mg/kg	NS	NS	0.049	<0.039 U	0.56	<0.039 U	3.4	0.65	0.1	0.032 J	<0.19 UF2	0.046	0.26	<0.04 U	<0.038 U	<0.039 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.068	<0.039 U	1.4	<0.039 U	6.2	1.5	0.13	0.05	0.21 F1F2	0.2	0.74	<0.04 U	<0.038 U	<0.039 U
Chrysene	mg/kg	14.8	0.1446	0.17	<0.039 U	1.1	<0.039 U	13	2.6	0.29	0.099	0.25	0.17	0.99	0.022 J	<0.038 U	0.022 J

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-59		B-60		B-61		B-62		B-63		B-64		B-65	
				3/17/2016 2-4	3/17/2016 4-6	3/3/2016 0-2	3/3/2016 10-12	3/3/2016 0-2	3/3/2016 4-6	3/17/2016 2-4	3/17/2016 6-8	3/3/2016 0-2	3/3/2016 8-10	3/3/2016 0-2	3/3/2016 8-10	3/4/2016 0-2	3/4/2016 4-6
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.042 U	<0.039 U	0.16 J	<0.039 U	<2 U	0.22	0.031 J	<0.046 U	<0.19 UF1F2	<0.037 U	<0.2 U	<0.04 U	<0.038 U	<0.039 U
Fluoranthene	mg/kg	2,290	88.9	0.19	<0.039 U	1.7	<0.039 U	37	5.4	0.29	0.17	0.53 F1	0.47	2.3	0.041	0.0083 J	0.033 J
Fluorene	mg/kg	2,290	14.8	0.014 J	<0.039 U	0.098	<0.039 U	5.8	0.093	0.018 J	0.018 J	0.056 J	0.07	0.18 J	<0.04 U	<0.038 U	<0.039 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	0.044	<0.039 U	0.49	<0.039 U	4.3	0.7	0.084	0.026 J	<0.19 UF1F2	0.049	0.26	<0.04 U	<0.038 U	<0.039 U
Naphthalene	mg/kg	5.15	0.6582	0.14	<0.039 U	0.2	<0.039 U	3.3	0.12	0.12	0.13	<0.19 U	0.24	<0.2 U	<0.04 U	<0.038 U	<0.039 U
Phenanthrene	mg/kg	NS	NS	0.29	0.0065 J	1.6	<0.039 U	46	3	0.28	0.17	0.53	0.59	2	0.031 J	<0.038 U	0.023 J
Pyrene	mg/kg	1,720	54.5	0.25	0.0093 J	2	<0.039 U	36	6.9	0.35	0.18	0.47 F1	0.44	2.8	0.047	<0.038 U	0.032 J

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-66		B-67		B-68		B-69		B-70		B-71		B-72	
				3/4/2016 0-2	3/4/2016 6-8	3/3/2016 0-2	3/3/2016 10-12	3/3/2016 2-4	3/3/2016 10-12	3/4/2016 2-4	3/4/2016 6-8	3/4/2016 0-2	3/4/2016 6-8	3/3/2016 2-4	3/3/2016 4-6	3/3/2016 2-4	3/3/2016 6-8
Parameter																	
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,1-Dichloroethene	mg/kg	342	0.0050	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,1-Dichloropropene	mg/kg	NS	NS	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U*	<0.076 U*
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.35 U	<0.31 U	<0.34 U	<0.35 U	<0.34 U	<0.37 U	<0.36 U	<0.35 U	<0.35 U	<0.37 U	<0.33 U	<0.35 U	<0.34 U	<0.38 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U*	<0.076 U*
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
1,3-Dichloropropane	mg/kg	1,490	NS	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U*	<0.076 U*
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
2,2-Dichloropropane	mg/kg	191	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
2-Chlorotoluene	mg/kg	907	NS	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U*	<0.076 U*
4-Chlorotoluene	mg/kg	253	NS	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U*	<0.076 U*
Benzene	mg/kg	1.49	0.0051	<0.017 U*	<0.016 U*	<0.017 U	<0.017 U	<0.017 U	<0.019 U	<0.018 U*	<0.018 U*	<0.018 U*	<0.018 U*	<0.017 U	<0.017 U	<0.017 U*	<0.019 U*
Bromobenzene	mg/kg	354	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Bromochloromethane	mg/kg	232	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Bromodichloromethane	mg/kg	0.39	0.0003	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Bromoform	mg/kg	23.6	0.0023	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Bromomethane	mg/kg	10.3	0.0051	<0.14 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.15 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U	<0.13 U	<0.14 U	<0.14 U	<0.15 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
CFC-11	mg/kg	1,230	4.48	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
CFC-12	mg/kg	135	3.09	<0.14 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.15 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U	<0.13 U	<0.14 U	<0.14 U	<0.15 U

Notes on Page 27.

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-66		B-67		B-68		B-69		B-70		B-71		B-72	
				3/4/2016 0-2	3/4/2016 6-8	3/3/2016 0-2	3/3/2016 10-12	3/3/2016 2-4	3/3/2016 10-12	3/4/2016 2-4	3/4/2016 6-8	3/4/2016 0-2	3/4/2016 6-8	3/3/2016 2-4	3/3/2016 4-6	3/3/2016 2-4	3/3/2016 6-8
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Chloroethane	mg/kg	2120	0.2266	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Chloroform	mg/kg	0.423	0.0033	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	0.071 *	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Chloromethane	mg/kg	171	0.0155	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U*	<0.076 U*
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Dibromomethane	mg/kg	36.6	NS	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Dichloromethane	mg/kg	60.7	0.0026	<0.35 U*	<0.31 U*	<0.34 U	<0.35 U	<0.34 U	<0.37 U	<0.36 U*	<0.35 U*	<0.35 U*	<0.37 U*	<0.33 U	<0.35 U	<0.34 U*	<0.38 U*
Diisopropyl ether	mg/kg	2,260	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Ethylbenzene	mg/kg	7.47	1.57	<0.017 U*	<0.016 U*	<0.017 U	<0.017 U	<0.017 U	<0.019 U	<0.018 U*	<0.018 U*	<0.018 U*	<0.018 U*	<0.017 U	<0.017 U	<0.017 U	<0.019 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Isopropylbenzene	mg/kg	268	NS	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U*	<0.076 U*
Naphthalene	mg/kg	5.15	0.6582	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
N-Butylbenzene	mg/kg	108	NS	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
N-Propylbenzene	mg/kg	264	NS	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
sec-Butylbenzene	mg/kg	145	NS	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Styrene (Monomer)	mg/kg	867	0.22	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U*	<0.076 U*
tert-Butylbenzene	mg/kg	183	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Toluene	mg/kg	818	1.11	<0.017 U*	<0.016 U*	0.039	<0.017 U	<0.017 U	<0.019 U	<0.018 U*	<0.018 U*	<0.018 U*	<0.018 U*	<0.017 U	<0.017 U	<0.017 U*	<0.019 U*
Total Xylenes	mg/kg	260	3.96	<0.035 U*	<0.031 U*	0.021 J	<0.035 U	<0.034 U	<0.037 U	<0.036 U*	<0.035 U*	<0.035 U*	<0.037 U*	<0.033 U	<0.035 U	<0.034 U*	<0.038 U*
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.069 U*	<0.063 U*	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U*	<0.07 U*	<0.07 U*	<0.074 U*	<0.067 U	<0.07 U	<0.068 U	<0.076 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.069 U	<0.063 U	<0.069 U	<0.07 U	<0.067 U	<0.074 U	<0.071 U	<0.07 U	<0.07 U	<0.074 U	<0.067 U	<0.07 U	<0.068 U	<0.076 U
Trichloroethene	mg/kg	1.26	0.0036	<0.035 U*	<0.031 U*	0.031 J	<0.035 U	0.018 J	<0.037 U	<0.036 U*	<0.035 U*	<0.035 U*	<0.037 U*	<0.033 U	<0.035 U	<0.034 U*	<0.038 U*
Vinyl chloride	mg/kg	0.0671	0.0001	<0.035 U	<0.031 U	<0.034 U	<0.035 U	<0.034 U	<0.037 U	<0.036 U	<0.035 U	<0.035 U	<0.037 U	<0.033 U	<0.035 U	<0.034 U	<0.038 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	<0.037 U	<0.037 U	0.083	<0.038 U	0.076	<0.04 U	<0.039 U	<0.038 U	0.015 J	0.015 J	<0.038 U	<0.038 U	0.041	<0.039 U
2-Methylnaphthalene	mg/kg	229	NS	<0.037 U	<0.037 U	0.1	<0.038 U	0.055	<0.04 U	<0.039 U	<0.038 U	0.014 J	0.015 J	<0.038 U	<0.038 U	0.043	<0.039 U
Acenaphthene	mg/kg	3,440	NS	<0.037 U	<0.037 U	0.087	<0.038 U	0.14	<0.04 U	<0.039 U	<0.038 U	0.0089 J	<0.041 U	<0.038 U	<0.038 U	0.01 J	<0.039 U
Acenaphthylene	mg/kg	NS	NS	<0.037 U	<0.037 U	0.05	<0.038 U	0.029 J	<0.04 U	<0.039 U	<0.038 U	0.013 J	<0.041 U	<0.038 U	<0.038 U	0.024 J	<0.039 U
Anthracene	mg/kg	17,200	196.9	0.0069 J	<0.037 U	0.27	<0.038 U	0.3	<0.04 U	<0.039 U	<0.038 U	0.034 J	0.021 J	0.015 J	<0.038 U	0.04	<0.039 U
Benzo(a)anthracene	mg/kg	0.15	NS	0.021 J	<0.037 U	1.2	<0.038 U	0.72	<0.04 U	0.018 J	<0.038 U	0.18	<0.041 U	0.047	<0.038 U	0.31	0.051
Benzo(a)pyrene	mg/kg	0.015	0.47	<0.037 U	<0.037 U	1	<0.038 U	0.57	<0.04 U	<0.039 U	<0.038 U	0.17	<0.041 U	0.043	<0.038 U	0.35	0.043
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	0.033 J	<0.037 U	1.7	<0.038 U	0.96	<0.04 U	0.031 J	<0.038 U	0.31	<0.041 U	0.057	<0.038 U	0.65	0.065
Benzo(g,h,i)perylene	mg/kg	NS	NS	<0.037 U	<0.037 U	0.35	<0.038 U	0.18	<0.04 U	<0.039 U	<0.038 U	0.082	<0.041 U	<0.038 U	<0.038 U	0.14	<0.039 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.015 J	<0.037 U	0.97	<0.038 U	0.41	<0.04 U	<0.039 U	<0.038 U	0.14	<0.041 U	0.03 J	<0.038 U	0.23	0.025 J
Chrysene	mg/kg	14.8	0.1446	0.024 J	<0.037 U	1.2	<0.038 U	0.67	<0.04 U	0.023 J	<0.038 U	0.21	<0.041 U	0.058	<0.038 U	0.4	0.066

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-66		B-67		B-68		B-69		B-70		B-71		B-72	
				3/4/2016 0-2	3/4/2016 6-8	3/3/2016 0-2	3/3/2016 10-12	3/3/2016 2-4	3/3/2016 10-12	3/4/2016 2-4	3/4/2016 6-8	3/4/2016 0-2	3/4/2016 6-8	3/3/2016 2-4	3/3/2016 4-6	3/3/2016 2-4	3/3/2016 6-8
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.037 U	<0.037 U	0.13	<0.038 U	0.066	<0.04 U	<0.039 U	<0.038 U	0.031 J	<0.041 U	<0.038 U	<0.038 U	0.043	<0.039 U
Fluoranthene	mg/kg	2,290	88.9	0.044	<0.037 U	2.7	<0.038 U	2.3	<0.04 U	0.029 J	<0.038 U	0.37	0.011 J	0.095	<0.038 U	0.7	0.11
Fluorene	mg/kg	2,290	14.8	<0.037 U	<0.037 U	0.094	<0.038 U	0.23	<0.04 U	<0.039 U	<0.038 U	0.013 J	<0.041 U	<0.038 U	<0.038 U	<0.038 U	<0.039 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	<0.037 U	<0.037 U	0.37	<0.038 U	0.19	<0.04 U	<0.039 U	<0.038 U	0.094	<0.041 U	<0.038 U	<0.038 U	0.12	<0.039 U
Naphthalene	mg/kg	5.15	0.6582	<0.037 U	<0.037 U	0.084	<0.038 U	0.065	<0.04 U	<0.039 U	<0.038 U	0.012 J	0.012 J	<0.038 U	<0.038 U	0.034 J	<0.039 U
Phenanthrene	mg/kg	NS	NS	0.043	<0.037 U	1.8	<0.038 U	2.2	<0.04 U	0.02 J	<0.038 U	0.23	0.022 J	0.066	<0.038 U	0.27	0.066
Pyrene	mg/kg	1,720	54.5	0.074	<0.037 U	3	<0.038 U	1.8	<0.04 U	0.061	<0.038 U	0.37	0.019 J	0.1	<0.038 U	0.67	0.083

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-73		B-74			B-75		B-76		B-77		B-78	
				3/4/2016 0-2	3/4/2016 4-6	3/18/2016 0-2	3/18/2016 4-6	3/18/2016 8-10	3/3/2016 2-4	3/3/2016 4-6	3/3/2016 2-4	3/3/2016 4-6	3/18/2016 2-4	3/18/2016 10-12	3/21/2016 2-4	3/21/2016 10-12
Parameter																
PCBs																
Aroclor 1016	mg/kg	3.93	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,1-Dichloroethene	mg/kg	342	0.0050	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
1,1-Dichloropropene	mg/kg	NS	NS	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U*	<0.071 U*	<0.071 U*	<0.073 U*	<0.066 U	<0.069 U	0.17	<0.064 U
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.33 U	<0.38 U	<0.35 U	<0.42 U	<0.39 U	<0.34 U	<0.36 U	<0.35 U	<0.36 U	<0.33 U	<0.35 U	<0.33 U	<0.32 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U*	<0.071 U*	<0.071 U*	<0.073 U*	<0.066 U	<0.069 U	0.05 J	<0.064 U
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,3-Dichloropropane	mg/kg	1,490	NS	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U*	<0.071 U*	<0.071 U*	<0.073 U*	<0.066 U	<0.069 U	<0.066 U	<0.064 U
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
2,2-Dichloropropane	mg/kg	191	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
2-Chlorotoluene	mg/kg	907	NS	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U*	<0.071 U*	<0.071 U*	<0.073 U*	<0.066 U	<0.069 U	<0.066 U	<0.064 U
4-Chlorotoluene	mg/kg	253	NS	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U*	<0.071 U*	<0.071 U*	<0.073 U*	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Benzene	mg/kg	1.49	0.0051	<0.016 U*	<0.019 U*	<0.017 U	<0.021 U	<0.02 U	<0.017 U*	<0.018 U*	<0.018 U*	<0.018 U*	<0.017 U	<0.017 U	0.065	<0.016 U
Bromobenzene	mg/kg	354	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Bromochloromethane	mg/kg	232	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
Bromodichloromethane	mg/kg	0.39	0.0003	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Bromoform	mg/kg	23.6	0.0023	<0.065 U	<0.076 U	<0.07 U*	<0.083 U*	<0.078 U*	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U*	<0.069 U*	<0.066 U*	<0.064 U*
Bromomethane	mg/kg	10.3	0.0051	<0.13 U	<0.15 U	<0.14 U	<0.17 U	<0.16 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
CFC-11	mg/kg	1,230	4.48	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
CFC-12	mg/kg	135	3.09	<0.13 U	<0.15 U	<0.14 U	<0.17 U	<0.16 U	<0.14 U	<0.14 U	<0.14 U	<0.15 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-73		B-74			B-75		B-76		B-77		B-78	
				3/4/2016 0-2	3/4/2016 4-6	3/18/2016 0-2	3/18/2016 4-6	3/18/2016 8-10	3/3/2016 2-4	3/3/2016 4-6	3/3/2016 2-4	3/3/2016 4-6	3/18/2016 2-4	3/18/2016 10-12	3/21/2016 2-4	3/21/2016 10-12
Parameter	Unit	RCL	RCL													
VOCs (continued)																
Chlorobenzene	mg/kg	392	0.1358	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.065 U*	<0.076 U*	<0.07 U*	<0.083 U*	<0.078 U*	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U*	<0.069 U*	<0.066 U*	<0.064 U*
Chloroethane	mg/kg	2120	0.2266	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Chloroform	mg/kg	0.423	0.0033	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
Chloromethane	mg/kg	171	0.0155	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U*	<0.071 U*	<0.071 U*	<0.073 U*	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Dibromomethane	mg/kg	36.6	NS	<0.065 U*	<0.076 U*	<0.07 U*	<0.083 U*	<0.078 U*	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U*	<0.069 U*	<0.066 U*	<0.064 U*
Dichloromethane	mg/kg	60.7	0.0026	<0.33 U*	<0.38 U*	<0.35 U	<0.42 U	<0.39 U	<0.34 U*	<0.36 U*	<0.35 U*	<0.36 U*	<0.33 U	<0.35 U	<0.33 U	<0.32 U
Diisopropyl ether	mg/kg	2,260	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Ethylbenzene	mg/kg	7.47	1.57	<0.016 U*	<0.019 U*	<0.017 U	<0.021 U	<0.02 U	<0.017 U	<0.018 U	<0.018 U	<0.018 U	<0.017 U	<0.017 U	0.062	<0.016 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
Isopropylbenzene	mg/kg	268	NS	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.065 U	<0.076 U	<0.07 U*	<0.083 U*	<0.078 U*	<0.069 U*	<0.071 U*	<0.071 U*	<0.073 U*	<0.066 U*	<0.069 U*	<0.066 U*	<0.064 U*
Naphthalene	mg/kg	5.15	0.6582	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	0.28	<0.064 U
N-Butylbenzene	mg/kg	108	NS	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
N-Propylbenzene	mg/kg	264	NS	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	0.035 J	<0.064 U
sec-Butylbenzene	mg/kg	145	NS	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Styrene (Monomer)	mg/kg	867	0.22	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U*	<0.071 U*	<0.071 U*	<0.073 U*	<0.066 U	<0.069 U	<0.066 U	<0.064 U
tert-Butylbenzene	mg/kg	183	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	0.25 *	<0.064 U*
Toluene	mg/kg	818	1.11	<0.016 U*	<0.019 U*	<0.017 U	<0.021 U	<0.02 U	<0.017 U*	<0.018 U*	<0.018 U*	<0.018 U*	<0.017 U	<0.017 U	0.41	<0.016 U
Total Xylenes	mg/kg	260	3.96	<0.033 U*	<0.038 U*	<0.035 U	<0.042 U	<0.039 U	<0.034 U*	<0.036 U*	<0.035 U*	<0.036 U*	<0.033 U	<0.035 U	0.85	<0.032 U
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.065 U*	<0.076 U*	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U	<0.064 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.065 U	<0.076 U	<0.07 U	<0.083 U	<0.078 U	<0.069 U	<0.071 U	<0.071 U	<0.073 U	<0.066 U	<0.069 U	<0.066 U*	<0.064 U*
Trichloroethene	mg/kg	1.26	0.0036	<0.033 U*	<0.038 U*	<0.035 U*	0.54 *	<0.039 U*	<0.034 U*	0.024 J*	<0.035 U*	0.045 *	0.079 *	<0.035 U*	1.1 *	<0.032 U*
Vinyl chloride	mg/kg	0.0671	0.0001	<0.033 U	<0.038 U	<0.035 U	<0.042 U	<0.039 U	<0.034 U	<0.036 U	<0.035 U	<0.036 U	<0.033 U	<0.035 U	<0.033 U	<0.032 U
PAHs																
1-Methylnaphthalene	mg/kg	15.6	NS	0.032 J	<0.039 U	0.013 J	0.089	<0.042 U	0.11	0.062	0.03 J	0.036 J	0.16	<0.039 U	0.13	<0.037 U
2-Methylnaphthalene	mg/kg	229	NS	0.031 J	<0.039 U	0.012 J	0.1	<0.042 U	0.14	0.077	0.028 J	0.028 J	0.15	<0.039 U	0.16	<0.037 U
Acenaphthene	mg/kg	3,440	NS	0.07	<0.039 U	0.011 J	0.058	<0.042 U	0.16	0.037 J	0.041	<0.04 U	0.64	<0.039 U	0.011 J	<0.037 U
Acenaphthylene	mg/kg	NS	NS	0.026 J	<0.039 U	<0.039 U	0.011 J	<0.042 U	0.04	0.0063 J	0.013 J	<0.04 U	2	<0.039 U	0.0066 J	<0.037 U
Anthracene	mg/kg	17,200	196.9	0.23	0.014 J	0.039	0.081	<0.042 U	1.7	0.22	0.13	0.021 J	5.4	<0.039 U	0.028 J	<0.037 U
Benzo(a)anthracene	mg/kg	0.15	NS	0.59	0.045	0.11	0.35	<0.042 U	4.5	0.61	0.77	0.14	42	<0.039 U	0.08 F2	<0.037 U
Benzo(a)pyrene	mg/kg	0.015	0.47	0.57	0.055	0.11	0.32	<0.042 U	3.8	0.5	0.61	0.13	40	<0.039 U	0.073 F2	<0.037 U
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	1.1	0.08	0.16	0.61	<0.042 U	6.6	0.94	1.1	0.25	73	<0.039 U	0.12 F2F1	<0.037 U
Benzo(g,h,i)perylene	mg/kg	NS	NS	0.2	0.028 J	0.045	0.2	<0.042 U	1.1	0.16	0.24	0.059	5.6	<0.039 U	0.029 JF1	<0.037 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.37	0.031 J	0.058	0.21	<0.042 U	2.6	0.34	0.4	0.13	24	<0.039 U	0.042	<0.037 U
Chrysene	mg/kg	14.8	0.1446	0.64	0.063	0.14	0.6	<0.042 U	4.8	0.68	0.69	0.17	41	<0.039 U	0.098 F2	<0.037 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-73		B-74			B-75		B-76		B-77		B-78	
				3/4/2016 0-2	3/4/2016 4-6	3/18/2016 0-2	3/18/2016 4-6	3/18/2016 8-10	3/3/2016 2-4	3/3/2016 4-6	3/3/2016 2-4	3/3/2016 4-6	3/18/2016 2-4	3/18/2016 10-12	3/21/2016 2-4	3/21/2016 10-12
Parameter																
PAHs (continued)																
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	0.054	<0.039 U	<0.039 U	<0.037 U	<0.042 U	0.48	<0.04 U	<0.039 U	<0.04 U	1.6	<0.039 U	<0.038 UF1	<0.037 U
Fluoranthene	mg/kg	2,290	88.9	1.5	0.14	0.23	0.78	<0.042 U	11	1.4	1.4	0.29	90	<0.039 U	0.18 F2F1	<0.037 U
Fluorene	mg/kg	2,290	14.8	0.068	<0.039 U	0.013 J	0.042	<0.042 U	0.2	0.05	<0.039 U	<0.04 U	0.84	<0.039 U	0.0083 J	<0.037 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	0.27	0.033 J	0.038 J	0.15	<0.042 U	1.4	0.18	0.23	0.057	7.3	<0.039 U	0.029 JF1	<0.037 U
Naphthalene	mg/kg	5.15	0.6582	0.038	<0.039 U	<0.039 U	0.12	<0.042 U	0.14	0.063	<0.039 U	<0.04 U	0.33	<0.039 U	0.13	<0.037 U
Phenanthrene	mg/kg	NS	NS	0.99	0.092	0.24	0.97	<0.042 U	8.3	1.4	1.1	0.18	24	<0.039 U	0.22 F2F1	<0.037 U
Pyrene	mg/kg	1,720	54.5	1.5	0.12	0.26	1.7	<0.042 U	10	2.2	2.1	0.4	99	<0.039 U	0.15 F2F1	<0.037 U

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-79		B-80		B-81		B-82		B-83		B-84		B-85	
				3/3/2016 0-2	3/3/2016 10-12	3/3/2016 0-2	3/3/2016 10-12	3/21/2016 2-4	3/21/2016 10-12	3/21/2016 2-4	3/21/2016 8-10	3/4/2016 2-4	3/4/2016 8-10	3/4/2016 0-2	3/4/2016 8-10	3/21/2016 2-4	3/21/2016 8-10
Parameter																	
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,1-Dichloroethene	mg/kg	342	0.0050	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
1,1-Dichloropropene	mg/kg	NS	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.07 U*	<0.064 U*	<0.069 U*	<0.066 U*	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.35 U	<0.32 U	<0.34 U	<0.33 U	<0.36 U	<0.32 U	<0.36 U	<0.34 U	<0.34 U	<0.33 U	<0.33 U	<0.67 U	<0.33 U	<0.32 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.07 U*	<0.064 U*	<0.069 U*	<0.066 U*	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,3-Dichloropropane	mg/kg	1,490	NS	<0.07 U*	<0.064 U*	<0.069 U*	<0.066 U*	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
2,2-Dichloropropane	mg/kg	191	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
2-Chlorotoluene	mg/kg	907	NS	<0.07 U*	<0.064 U*	<0.069 U*	<0.066 U*	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
4-Chlorotoluene	mg/kg	253	NS	<0.07 U*	<0.064 U*	<0.069 U*	<0.066 U*	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Benzene	mg/kg	1.49	0.0051	<0.017 U*	<0.016 U*	<0.017 U*	<0.016 U*	<0.018 U	<0.016 U	<0.018 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.033 U	<0.017 U	<0.016 U
Bromobenzene	mg/kg	354	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Bromochloromethane	mg/kg	232	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
Bromodichloromethane	mg/kg	0.39	0.0003	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Bromoform	mg/kg	23.6	0.0023	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
Bromomethane	mg/kg	10.3	0.0051	<0.14 U	<0.13 U	<0.14 U	<0.13 U	<0.14 U	<0.13 U	<0.15 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.27 U	<0.13 U	<0.13 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
CFC-11	mg/kg	1,230	4.48	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
CFC-12	mg/kg	135	3.09	<0.14 U	<0.13 U	<0.14 U	<0.13 U	<0.14 U	<0.13 U	<0.15 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.27 U	<0.13 U	<0.13 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-79		B-80		B-81		B-82		B-83		B-84		B-85	
				3/3/2016 0-2	3/3/2016 10-12	3/3/2016 0-2	3/3/2016 10-12	3/21/2016 2-4	3/21/2016 10-12	3/21/2016 2-4	3/21/2016 8-10	3/4/2016 2-4	3/4/2016 8-10	3/4/2016 0-2	3/4/2016 8-10	3/21/2016 2-4	3/21/2016 8-10
Parameter																	
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
Chloroethane	mg/kg	2120	0.2266	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Chloroform	mg/kg	0.423	0.0033	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
Chloromethane	mg/kg	171	0.0155	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.07 U*	<0.064 U*	<0.069 U*	<0.066 U*	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Dibromomethane	mg/kg	36.6	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
Dichloromethane	mg/kg	60.7	0.0026	<0.35 U*	<0.32 U*	<0.34 U*	<0.33 U*	<0.36 U	<0.32 U	<0.36 U	<0.34 U	<0.34 U	<0.33 U	<0.33 U	<0.67 U	<0.33 U	<0.32 U
Diisopropyl ether	mg/kg	2,260	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Ethylbenzene	mg/kg	7.47	1.57	<0.017 U	<0.016 U	<0.017 U	<0.016 U	<0.018 U	<0.016 U	<0.018 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.033 U	<0.017 U	<0.016 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
Isopropylbenzene	mg/kg	268	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.07 U*	<0.064 U*	<0.069 U*	<0.066 U*	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
Naphthalene	mg/kg	5.15	0.6582	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	0.12	<0.065 U
N-Butylbenzene	mg/kg	108	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
N-Propylbenzene	mg/kg	264	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
sec-Butylbenzene	mg/kg	145	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Styrene (Monomer)	mg/kg	867	0.22	<0.07 U*	<0.064 U*	<0.069 U*	<0.066 U*	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
tert-Butylbenzene	mg/kg	183	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
Toluene	mg/kg	818	1.11	<0.017 U*	<0.016 U*	<0.017 U*	<0.016 U*	<0.018 U	<0.016 U	<0.018 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.033 U	<0.017 U	<0.016 U
Total Xylenes	mg/kg	260	3.96	<0.035 U*	<0.032 U*	<0.034 U*	<0.033 U*	<0.036 U	<0.032 U	<0.036 U	<0.034 U	<0.034 U	<0.033 U	<0.033 U	<0.067 U	<0.033 U	<0.032 U
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U	<0.064 U	<0.073 U	<0.067 U	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U	<0.065 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.07 U	<0.064 U	<0.069 U	<0.066 U	<0.071 U*	<0.064 U*	<0.073 U*	<0.067 U*	<0.069 U	<0.066 U	<0.066 U	<0.13 U	<0.067 U*	<0.065 U*
Trichloroethene	mg/kg	1.26	0.0036	<0.035 U*	<0.032 U*	<0.034 U*	<0.033 U*	<0.036 U*	<0.032 U*	<0.036 U*	<0.034 U*	<0.034 U*	0.25 *	<0.033 U*	<0.067 U*	<0.033 U*	<0.032 U*
Vinyl chloride	mg/kg	0.0671	0.0001	<0.035 U	<0.032 U	<0.034 U	<0.033 U	<0.036 U	<0.032 U	<0.036 U	<0.034 U	<0.034 U	<0.033 U	<0.033 U	<0.067 U	<0.033 U	<0.032 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	<0.04 U	<0.037 U	0.024 J	<0.038 U	<0.038 U	<0.037 U	0.077	<0.038 U	<0.037 U	<0.038 U	0.026 J	<0.037 U	0.067	<0.035 U
2-Methylnaphthalene	mg/kg	229	NS	0.0079 J	<0.037 U	0.023 J	<0.038 U	<0.038 U	<0.037 U	0.08	<0.038 U	<0.037 U	<0.038 U	0.088	<0.037 U	0.11	<0.035 U
Acenaphthene	mg/kg	3,440	NS	0.016 J	<0.037 U	0.019 J	<0.038 U	<0.038 U	<0.037 U	0.11	<0.038 U	0.0075 J	<0.038 U	0.018 J	<0.037 U	0.013 J	<0.035 U
Acenaphthylene	mg/kg	NS	NS	0.016 J	<0.037 U	<0.038 U	<0.038 U	<0.038 U	<0.037 U	0.037 J	<0.038 U	<0.037 U	<0.038 U	0.032 J	<0.037 U	0.016 J	<0.035 U
Anthracene	mg/kg	17,200	196.9	0.056	<0.037 U	0.041	<0.038 U	0.014 J	<0.037 U	0.22	<0.038 U	0.021 J	<0.038 U	0.095	<0.037 U	0.039	<0.035 U
Benzo(a)anthracene	mg/kg	0.15	NS	0.18	<0.037 U	0.15	<0.038 U	0.05	<0.037 U	0.63	<0.038 U	0.037	<0.038 U	0.35	0.0065 J	0.16	<0.035 U
Benzo(a)pyrene	mg/kg	0.015	0.47	0.21	<0.037 U	0.15	<0.038 U	0.043	<0.037 U	0.68	<0.038 U	0.033 J	<0.038 U	0.36	<0.037 U	0.15	<0.035 U
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	0.3	<0.037 U	0.25	<0.038 U	0.066	<0.037 U	1	<0.038 U	0.041	<0.038 U	0.58	<0.037 U	0.21	<0.035 U
Benzo(g,h,i)perylene	mg/kg	NS	NS	0.072	<0.037 U	0.054	<0.038 U	0.034 J	<0.037 U	0.26	<0.038 U	0.022 JF1	<0.038 U	0.12	<0.037 U	0.1	<0.035 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.12	<0.037 U	0.11	<0.038 U	0.026 J	<0.037 U	0.33	<0.038 U	0.014 J	<0.038 U	0.19	<0.037 U	0.083	<0.035 U
Chrysene	mg/kg	14.8	0.1446	0.22	<0.037 U	0.16	<0.038 U	0.058	<0.037 U	0.78	<0.038 U	0.04	<0.038 U	0.36	<0.037 U	0.17	0.011 J

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-79		B-80		B-81		B-82		B-83		B-84		B-85	
				3/3/2016 0-2	3/3/2016 10-12	3/3/2016 0-2	3/3/2016 10-12	3/21/2016 2-4	3/21/2016 10-12	3/21/2016 2-4	3/21/2016 8-10	3/4/2016 2-4	3/4/2016 8-10	3/4/2016 0-2	3/4/2016 8-10	3/21/2016 2-4	3/21/2016 8-10
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.04 U	<0.037 U	<0.038 U	<0.038 U	0.011 J	<0.037 U	0.071	<0.038 U	<0.037 UF1	<0.038 U	0.042	<0.037 U	0.023 J	<0.035 U
Fluoranthene	mg/kg	2,290	88.9	0.45	<0.037 U	0.31	<0.038 U	0.1	<0.037 U	2.2	<0.038 U	0.081	<0.038 U	0.76	0.011 J	0.32	<0.035 U
Fluorene	mg/kg	2,290	14.8	0.022 J	<0.037 U	0.015 J	<0.038 U	<0.038 U	<0.037 U	0.13	<0.038 U	0.0068 J	<0.038 U	0.018 J	<0.037 U	0.014 J	<0.035 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	0.07	<0.037 U	0.057	<0.038 U	0.033 J	<0.037 U	0.29	<0.038 U	0.02 JF1	<0.038 U	0.14	<0.037 U	0.098	<0.035 U
Naphthalene	mg/kg	5.15	0.6582	<0.04 U	<0.037 U	0.028 J	<0.038 U	<0.038 U	<0.037 U	0.15	<0.038 U	<0.037 U	<0.038 U	0.045	<0.037 U	0.049	<0.035 U
Phenanthrene	mg/kg	NS	NS	0.36	<0.037 U	0.24	<0.038 U	0.086	<0.037 U	1.9	<0.038 U	0.088	<0.038 U	0.38	<0.037 U	0.2	<0.035 U
Pyrene	mg/kg	1,720	54.5	0.42	<0.037 U	0.45	<0.038 U	0.093	<0.037 U	1.5	<0.038 U	0.069	<0.038 U	0.75	0.0091 J	0.28	<0.035 U

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-86		B-87		B-88		B-89		B-90		B-91		B-92	
				3/21/2016 0-2	3/21/2016 10-12	3/4/2016 0-2	3/4/2016 10-12	3/4/2016 0-2	3/4/2016 10-12	3/21/2016 2-4	3/21/2016 6-8	3/21/2016 2-4	3/21/2016 8-10	3/4/2016 0-2	3/4/2016 10-12	3/4/2016 0-2	3/4/2016 8-10
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,1-Dichloroethene	mg/kg	342	0.0050	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
1,1-Dichloropropene	mg/kg	NS	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.34 U	<0.33 U	<0.33 U	<0.34 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.31 U	<0.32 U	<0.34 U	<0.33 U	<0.33 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,3-Dichloropropane	mg/kg	1,490	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
2,2-Dichloropropane	mg/kg	191	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
2-Chlorotoluene	mg/kg	907	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
4-Chlorotoluene	mg/kg	253	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
Benzene	mg/kg	1.49	0.0051	<0.017 U	<0.017 U	<0.016 U	<0.017 U	0.096	<0.017 U	<0.016 U	<0.016 U	<0.016 U	<0.015 U	<0.016 U	<0.017 U	<0.017 U	<0.016 U*
Bromobenzene	mg/kg	354	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Bromochloromethane	mg/kg	232	NS	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Bromodichloromethane	mg/kg	0.39	0.0003	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Bromoform	mg/kg	23.6	0.0023	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Bromomethane	mg/kg	10.3	0.0051	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.12 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
CFC-11	mg/kg	1,230	4.48	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
CFC-12	mg/kg	135	3.09	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.12 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-86		B-87		B-88		B-89		B-90		B-91		B-92	
				3/21/2016 0-2	3/21/2016 10-12	3/4/2016 0-2	3/4/2016 10-12	3/4/2016 0-2	3/4/2016 10-12	3/21/2016 2-4	3/21/2016 6-8	3/21/2016 2-4	3/21/2016 8-10	3/4/2016 0-2	3/4/2016 10-12	3/4/2016 0-2	3/4/2016 8-10
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
Chloroethane	mg/kg	2120	0.2266	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Chloroform	mg/kg	0.423	0.0033	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	0.094	0.091 *
Chloromethane	mg/kg	171	0.0155	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.068 U*	<0.066 U*	<0.065 U	0.13	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Dibromomethane	mg/kg	36.6	NS	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
Dichloromethane	mg/kg	60.7	0.0026	<0.34 U	<0.33 U	<0.33 U	<0.34 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.33 U	<0.31 U	<0.32 U	<0.34 U	<0.33 U	<0.33 U*
Diisopropyl ether	mg/kg	2,260	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Ethylbenzene	mg/kg	7.47	1.57	<0.017 U	<0.017 U	<0.016 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U	<0.016 U	<0.015 U	<0.016 U	<0.017 U	<0.017 U	<0.016 U*
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Isopropylbenzene	mg/kg	268	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Naphthalene	mg/kg	5.15	0.6582	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
N-Butylbenzene	mg/kg	108	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
N-Propylbenzene	mg/kg	264	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
sec-Butylbenzene	mg/kg	145	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
Styrene (Monomer)	mg/kg	867	0.22	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
tert-Butylbenzene	mg/kg	183	NS	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Toluene	mg/kg	818	1.11	<0.017 U	<0.017 U	<0.016 U	<0.017 U	0.17	<0.017 U	<0.016 U	<0.016 U	<0.016 U	<0.015 U	<0.016 U	<0.017 U	<0.017 U	<0.016 U*
Total Xylenes	mg/kg	260	3.96	<0.034 U	<0.033 U	<0.033 U	<0.034 U	0.16	<0.033 U	<0.033 U	<0.033 U	<0.033 U	<0.031 U	<0.032 U	<0.034 U	<0.033 U	<0.033 U*
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.068 U	<0.066 U	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U	<0.065 U	<0.066 U	<0.062 U	<0.065 U	<0.069 U	<0.067 U	<0.066 U*
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.068 U*	<0.066 U*	<0.065 U	<0.069 U	<0.066 U	<0.066 U	<0.065 U*	<0.065 U*	<0.066 U*	<0.062 U*	<0.065 U	<0.069 U	<0.067 U	<0.066 U
Trichloroethene	mg/kg	1.26	0.0036	<0.034 U*	0.23 *	<0.033 U*	1.6 *	0.31 *	0.61 *	<0.033 U*	0.037 *	<0.033 U*	0.088 *	0.18 *	0.27 *	0.072 *	0.24 *
Vinyl chloride	mg/kg	0.0671	0.0001	<0.034 U	<0.033 U	<0.033 U	<0.034 U	<0.033 U	<0.033 U	<0.033 U	<0.033 U	<0.033 U	<0.031 U	<0.032 U	<0.034 U	<0.033 U	<0.033 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	0.025 J	<0.038 U	0.052	<0.039 U	0.017 J	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	0.01 J	<0.037 U
2-Methylnaphthalene	mg/kg	229	NS	0.025 J	<0.038 U	0.055	<0.039 U	0.022 J	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	0.012 J	<0.037 U
Acenaphthene	mg/kg	3,440	NS	0.052	<0.038 U	0.11	<0.039 U	0.015 J	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.0093 J	<0.039 U	0.02 J	<0.037 U
Acenaphthylene	mg/kg	NS	NS	0.022 J	<0.038 U	0.031 J	<0.039 U	0.08	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.011 J	<0.039 U	0.029 J	<0.037 U
Anthracene	mg/kg	17,200	196.9	0.15	<0.038 U	0.26	<0.039 U	0.25	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.029 J	<0.039 U	0.087	<0.037 U
Benzo(a)anthracene	mg/kg	0.15	NS	0.44	<0.038 U	0.51	<0.039 U	0.85	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.14	<0.039 U	0.47	<0.037 U
Benzo(a)pyrene	mg/kg	0.015	0.47	0.41	<0.038 U	0.51	<0.039 U	0.69	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.16	<0.039 U	0.48	<0.037 U
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	0.66	<0.038 U	0.95	<0.039 U	1.3	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.28	<0.039 U	0.77	<0.037 U
Benzo(g,h,i)perylene	mg/kg	NS	NS	0.16	<0.038 U	0.19	<0.039 U	0.18	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.056	<0.039 U	0.18	<0.037 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.21	<0.038 U	0.31	<0.039 U	0.47	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.13	<0.039 U	0.26	<0.037 U
Chrysene	mg/kg	14.8	0.1446	0.44	<0.038 U	0.52	<0.039 U	0.89	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.15	<0.039 U	0.55	<0.037 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-86		B-87		B-88		B-89		B-90		B-91		B-92	
				3/21/2016 0-2	3/21/2016 10-12	3/4/2016 0-2	3/4/2016 10-12	3/4/2016 0-2	3/4/2016 10-12	3/21/2016 2-4	3/21/2016 6-8	3/21/2016 2-4	3/21/2016 8-10	3/4/2016 0-2	3/4/2016 10-12	3/4/2016 0-2	3/4/2016 8-10
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	0.043	<0.038 U	0.064	<0.039 U	0.082	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.037 U
Fluoranthene	mg/kg	2,290	88.9	1	<0.038 U	1.5	<0.039 U	1.5	<0.038 U	0.0096 J	<0.037 U	<0.036 U	<0.035 U	0.26	<0.039 U	0.99	<0.037 U
Fluorene	mg/kg	2,290	14.8	0.048	<0.038 U	0.13	<0.039 U	0.043	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.0083 J	<0.039 U	0.028 J	<0.037 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	0.17	<0.038 U	0.23	<0.039 U	0.22	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.064	<0.039 U	0.19	<0.037 U
Naphthalene	mg/kg	5.15	0.6582	0.026 J	<0.038 U	0.053	<0.039 U	0.02 J	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	0.01 J	<0.037 U
Phenanthrene	mg/kg	NS	NS	0.69	<0.038 U	1.3	<0.039 U	0.64	<0.038 U	<0.037 U	<0.037 U	<0.036 U	<0.035 U	0.17	<0.039 U	0.45	<0.037 U
Pyrene	mg/kg	1,720	54.5	0.82	<0.038 U	1.5	<0.039 U	1.8	<0.038 U	0.0082 J	<0.037 U	<0.036 U	<0.035 U	0.39	<0.039 U	0.87	<0.037 U

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-93		B-94		B-95		B-96		B-97		B-98		B-99	
				3/21/2016 2-4	3/21/2016 8-10	3/21/2016 0-2	3/21/2016 4-6	3/4/2016 0-2	3/4/2016 4-6	3/4/2016 2-4	3/4/2016 6-8	3/21/2016 2-4	3/21/2016 6-8	3/21/2016 2-4	3/21/2016 6-8	3/22/2016 2-4	3/22/2016 8-10
Parameter																	
PCBs																	
Aroclor 1016	mg/kg	3.93	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																	
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,1-Dichloroethene	mg/kg	342	0.0050	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,1-Dichloropropene	mg/kg	NS	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.31 U	<0.31 U	<0.3 U	<0.3 U	<0.35 U	<0.34 U	<0.33 U	<0.31 U	<0.34 U	<0.34 U	<0.33 U	<0.34 U	<0.31 U	<0.32 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.062 U	<0.062 U	<0.06 U	<0.061 U	0.13 *	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,3-Dichloropropane	mg/kg	1,490	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
2,2-Dichloropropane	mg/kg	191	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
2-Chlorotoluene	mg/kg	907	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
4-Chlorotoluene	mg/kg	253	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Benzene	mg/kg	1.49	0.0051	<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.018 U*	<0.017 U*	<0.016 U*	<0.016 U*	<0.017 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U
Bromobenzene	mg/kg	354	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Bromochloromethane	mg/kg	232	NS	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U*	<0.066 U*	<0.068 U*	<0.062 U*	<0.064 U*
Bromodichloromethane	mg/kg	0.39	0.0003	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Bromoform	mg/kg	23.6	0.0023	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Bromomethane	mg/kg	10.3	0.0051	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.14 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.14 U	<0.12 U	<0.13 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U*	<0.066 U*	<0.068 U*	<0.062 U*	<0.064 U*
CFC-11	mg/kg	1,230	4.48	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U*	<0.066 U*	<0.068 U*	<0.062 U*	<0.064 U*
CFC-12	mg/kg	135	3.09	<0.12 U	<0.12 U	<0.12 U	<0.12 U	<0.14 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	<0.14 U	<0.13 U	<0.14 U	<0.12 U	<0.13 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-93		B-94		B-95		B-96		B-97		B-98		B-99	
				3/21/2016 2-4	3/21/2016 8-10	3/21/2016 0-2	3/21/2016 4-6	3/4/2016 0-2	3/4/2016 4-6	3/4/2016 2-4	3/4/2016 6-8	3/21/2016 2-4	3/21/2016 6-8	3/21/2016 2-4	3/21/2016 6-8	3/22/2016 2-4	3/22/2016 8-10
Parameter																	
VOCs (continued)																	
Chlorobenzene	mg/kg	392	0.1358	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Chloroethane	mg/kg	2120	0.2266	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Chloroform	mg/kg	0.423	0.0033	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	0.1 *	0.097 *	0.094 *	0.088 *	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Chloromethane	mg/kg	171	0.0155	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U*	<0.068 U	<0.066 U	0.067 J	<0.062 U	<0.064 U
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Dibromomethane	mg/kg	36.6	NS	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U*	<0.068 U*	<0.066 U*	<0.068 U*	<0.062 U*	<0.064 U*
Dichloromethane	mg/kg	60.7	0.0026	<0.31 U	<0.31 U	<0.3 U	<0.3 U	<0.35 U*	<0.34 U*	<0.33 U*	<0.31 U*	<0.34 U	<0.34 U	<0.33 U	<0.34 U	<0.31 U	<0.32 U
Diisopropyl ether	mg/kg	2,260	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Ethylbenzene	mg/kg	7.47	1.57	<0.015 U	<0.015 U	<0.015 U	<0.015 U	<0.018 U*	<0.017 U*	<0.016 U*	<0.016 U*	<0.017 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Isopropylbenzene	mg/kg	268	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Naphthalene	mg/kg	5.15	0.6582	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
N-Butylbenzene	mg/kg	108	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
N-Propylbenzene	mg/kg	264	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
sec-Butylbenzene	mg/kg	145	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Styrene (Monomer)	mg/kg	867	0.22	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
tert-Butylbenzene	mg/kg	183	NS	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	0.15 *	0.036 J	0.044 J	<0.068 U	<0.062 U	<0.064 U
Toluene	mg/kg	818	1.11	<0.015 U	<0.015 U	<0.015 U	<0.015 U	0.02 *	<0.017 U*	<0.016 U*	<0.016 U*	<0.017 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U
Total Xylenes	mg/kg	260	3.96	<0.031 U	<0.031 U	<0.03 U	<0.03 U	<0.035 U*	<0.034 U*	<0.033 U*	<0.031 U*	<0.034 U	<0.034 U	<0.033 U	<0.034 U	<0.031 U	<0.032 U
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.062 U	<0.062 U	<0.06 U	<0.061 U	<0.071 U*	<0.068 U*	<0.065 U*	<0.063 U*	<0.068 U	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.062 U*	<0.062 U*	<0.06 U*	<0.061 U*	<0.071 U	<0.068 U	<0.065 U	<0.063 U	<0.068 U*	<0.068 U	<0.066 U	<0.068 U	<0.062 U	<0.064 U
Trichloroethene	mg/kg	1.26	0.0036	0.043 *	3.7 *	<0.03 U*	<0.03 U*	<0.035 U*	<0.034 U*	<0.033 U*	<0.031 U*	<0.034 U*	<0.034 U	0.25	2.5	0.25	<0.032 U
Vinyl chloride	mg/kg	0.0671	0.0001	<0.031 U	<0.031 U	<0.03 U	<0.03 U	<0.035 U	<0.034 U	<0.033 U	<0.031 U	<0.034 U	<0.034 U	<0.033 U	<0.034 U	<0.031 U	<0.032 U
PAHs																	
1-Methylnaphthalene	mg/kg	15.6	NS	0.0097 J	<0.036 U	<0.036 U	<0.036 U	0.025 J	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	<0.036 U	<0.036 U
2-Methylnaphthalene	mg/kg	229	NS	0.011 J	<0.036 U	<0.036 U	<0.036 U	0.029 J	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	<0.036 U	<0.036 U
Acenaphthene	mg/kg	3,440	NS	<0.036 U	<0.036 U	<0.036 U	<0.036 U	0.0079 J	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	<0.036 U	<0.036 U
Acenaphthylene	mg/kg	NS	NS	<0.036 U	<0.036 U	<0.036 U	<0.036 U	0.016 J	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	<0.036 U	<0.036 U
Anthracene	mg/kg	17,200	196.9	0.011 J	<0.036 U	<0.036 U	<0.036 U	0.049	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	<0.036 U	<0.036 U
Benzo(a)anthracene	mg/kg	0.15	NS	0.045	<0.036 U	<0.036 U	<0.036 U	0.13	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	0.016 J	<0.036 U
Benzo(a)pyrene	mg/kg	0.015	0.47	0.037	<0.036 U	<0.036 U	<0.036 U	0.16	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	<0.036 U	<0.036 U
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	0.059	<0.036 U	<0.036 U	<0.036 U	0.32	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	0.017 J	<0.036 U
Benzo(g,h,i)perylene	mg/kg	NS	NS	0.023 J	<0.036 U	<0.036 U	<0.036 U	0.073	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U*F1	<0.038 U*	<0.036 UF1	<0.036 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.022 J	<0.036 U	<0.036 U	<0.036 U	0.099	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	<0.036 U	<0.036 U
Chrysene	mg/kg	14.8	0.1446	0.05	<0.036 U	<0.036 U	<0.036 U	0.18	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	0.016 J	<0.036 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-93		B-94		B-95		B-96		B-97		B-98		B-99	
				3/21/2016 2-4	3/21/2016 8-10	3/21/2016 0-2	3/21/2016 4-6	3/4/2016 0-2	3/4/2016 4-6	3/4/2016 2-4	3/4/2016 6-8	3/21/2016 2-4	3/21/2016 6-8	3/21/2016 2-4	3/21/2016 6-8	3/22/2016 2-4	3/22/2016 8-10
PAHs (continued)																	
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.036 U	<0.036 U	<0.036 U	<0.036 U	<0.04 U	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 UF1	<0.038 U	<0.036 UF1	<0.036 U
Fluoranthene	mg/kg	2,290	88.9	0.095	<0.036 U	<0.036 U	<0.036 U	0.24	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	0.026 J	<0.036 U
Fluorene	mg/kg	2,290	14.8	<0.036 U	<0.036 U	0.02 J	0.012 J	0.0094 J	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	<0.036 U	<0.036 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	0.023 J	<0.036 U	<0.036 U	<0.036 U	0.074	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 UF1	<0.038 U	<0.036 UF1	<0.036 U
Naphthalene	mg/kg	5.15	0.6582	0.0099 J	<0.036 U	<0.036 U	<0.036 U	0.022 J	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	<0.036 U	<0.036 U
Phenanthrene	mg/kg	NS	NS	0.057	<0.036 U	0.0096 J	<0.036 U	0.14	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	0.015 J	<0.036 U
Pyrene	mg/kg	1,720	54.5	0.084	<0.036 U	<0.036 U	<0.036 U	0.41	<0.039 U	<0.036 U	<0.035 U	<0.038 U	<0.039 U	<0.038 U	<0.038 U	0.023 J	<0.036 U

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-100		B-101		B-102		B-103		B-104		B-105		B-106			
				3/22/2016 2-4	3/22/2016 4-6	3/21/2016 2-4	3/21/2016 4-6	3/21/2016 0-2	3/21/2016 6-8	3/22/2016 2-4	3/22/2016 6-8	3/22/2016 2-4	3/22/2016 8-10	3/22/2016 2-4	3/22/2016 4-6	4/21/2016 0-2	4/21/2016 2-4	4/21/2016 6-8	
PCBs																			
Aroclor 1016	mg/kg	3.93	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.37 U	<0.019 U
Aroclor 1221	mg/kg	0.19	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.37 U	<0.019 U
Aroclor 1232	mg/kg	0.17	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.37 U	<0.019 U
Aroclor 1242	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.37 U	<0.019 U
Aroclor 1248	mg/kg	0.21	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.96	3.6	<0.019 U
Aroclor 1254	mg/kg	0.213	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.97	1.7	<0.019 U
Aroclor 1260	mg/kg	0.216	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.18 U	<0.37 U	<0.019 U
VOCs																			
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,1,1,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,1-Dichloroethene	mg/kg	342	0.0050	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,1-Dichloropropene	mg/kg	NS	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.32 U	<0.32 U	<0.34 U	<0.32 U	<0.32 U	<0.32 U	<0.3 U	<0.34 U	<0.34 U	<0.33 U	<0.33 U	<0.35 U	NA	NA	NA	
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,3-Dichloropropane	mg/kg	1,490	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
2,2-Dichloropropane	mg/kg	191	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
2-Chlorotoluene	mg/kg	907	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
4-Chlorotoluene	mg/kg	253	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
Benzene	mg/kg	1.49	0.0051	<0.016 U	<0.016 U	<0.017 U	<0.016 U	<0.016 U	<0.016 U	<0.015 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U	<0.017 U	NA	NA	NA	
Bromobenzene	mg/kg	354	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
Bromochloromethane	mg/kg	232	NS	<0.063 U*	<0.064 U*	<0.067 U*	<0.064 U*	<0.064 U*	<0.064 U*	<0.06 U*	<0.068 U*	<0.068 U*	<0.065 U*	<0.066 U*	<0.069 U*	NA	NA	NA	
Bromodichloromethane	mg/kg	0.39	0.0003	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
Bromoform	mg/kg	23.6	0.0023	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA	
Bromomethane	mg/kg	10.3	0.0051	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.12 U	<0.14 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	NA	NA	NA	
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.063 U*	<0.064 U*	<0.067 U*	<0.064 U*	<0.064 U*	<0.064 U*	<0.06 U*	<0.068 U*	<0.068 U*	<0.065 U*	<0.066 U*	<0.069 U*	NA	NA	NA	
CFC-11	mg/kg	1,230	4.48	<0.063 U*	<0.064 U*	<0.067 U*	<0.064 U*	<0.064 U*	<0.064 U*	<0.06 U*	<0.068 U*	<0.068 U*	<0.065 U*	<0.066 U*	<0.069 U*	NA	NA	NA	
CFC-12	mg/kg	135	3.09	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.12 U	<0.14 U	<0.14 U	<0.13 U	<0.13 U	<0.14 U	NA	NA	NA	

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-100		B-101		B-102		B-103		B-104		B-105		B-106		
				3/22/2016 2-4	3/22/2016 4-6	3/21/2016 2-4	3/21/2016 4-6	3/21/2016 0-2	3/21/2016 6-8	3/22/2016 2-4	3/22/2016 6-8	3/22/2016 2-4	3/22/2016 8-10	3/22/2016 2-4	3/22/2016 4-6	4/21/2016 0-2	4/21/2016 2-4	4/21/2016 6-8
VOCs (continued)																		
Chlorobenzene	mg/kg	392	0.1358	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Chloroethane	mg/kg	2120	0.2266	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Chloroform	mg/kg	0.423	0.0033	<0.063 U	<0.064 U	0.072	0.079	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Chloromethane	mg/kg	171	0.0155	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
cis-1,2-Dichloroethene	mg/kg	156	0.0412	0.042 J	0.31	2.3	2.5	0.49	3.4	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Dibromomethane	mg/kg	36.6	NS	<0.063 U*	<0.064 U*	<0.067 U*	<0.064 U*	<0.064 U*	<0.064 U*	<0.06 U*	<0.068 U*	<0.068 U*	<0.065 U*	<0.066 U*	<0.069 U*	NA	NA	NA
Dichloromethane	mg/kg	60.7	0.0026	<0.32 U	<0.32 U	<0.34 U	<0.32 U	<0.32 U	<0.32 U	<0.3 U	<0.34 U	<0.34 U	<0.33 U	<0.33 U	<0.35 U	NA	NA	NA
Diisopropyl ether	mg/kg	2,260	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Ethylbenzene	mg/kg	7.47	1.57	<0.016 U	<0.016 U	<0.017 U	<0.016 U	<0.016 U	<0.016 U	<0.015 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U	<0.017 U	NA	NA	NA
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Isopropylbenzene	mg/kg	268	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	0.033 J	NA	NA	NA
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Naphthalene	mg/kg	5.15	0.6582	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
N-Butylbenzene	mg/kg	108	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	0.13	0.14	NA	NA	NA
N-Propylbenzene	mg/kg	264	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	0.049 J	0.047 J	NA	NA	NA
sec-Butylbenzene	mg/kg	145	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	0.055 J	0.065 J	NA	NA	NA
Styrene (Monomer)	mg/kg	867	0.22	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
tert-Butylbenzene	mg/kg	183	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Tetrachloroethene	mg/kg	30.7	0.0045	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Toluene	mg/kg	818	1.11	<0.016 U	<0.016 U	<0.017 U	<0.016 U	<0.016 U	<0.016 U	<0.015 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U	<0.017 U	NA	NA	NA
Total Xylenes	mg/kg	260	3.96	<0.032 U	<0.032 U	<0.034 U	<0.032 U	<0.032 U	<0.032 U	<0.03 U	<0.034 U	<0.034 U	<0.033 U	<0.033 U	<0.035 U	NA	NA	NA
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.063 U	<0.064 U	0.054 J	0.065	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.063 U	<0.064 U	<0.067 U	<0.064 U	<0.064 U	<0.064 U	<0.06 U	<0.068 U	<0.068 U	<0.065 U	<0.066 U	<0.069 U	NA	NA	NA
Trichloroethene	mg/kg	1.26	0.0036	4.6	2.2	30	30	8	31	<0.03 U	<0.034 U	<0.034 U	<0.033 U	<0.033 U	<0.035 U	NA	NA	NA
Vinyl chloride	mg/kg	0.0671	0.0001	<0.032 U	<0.032 U	<0.034 U	<0.032 U	<0.032 U	<0.032 U	<0.03 U	<0.034 U	<0.034 U	<0.033 U	<0.033 U	<0.035 U	NA	NA	NA
PAHs																		
1-Methylnaphthalene	mg/kg	15.6	NS	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
2-Methylnaphthalene	mg/kg	229	NS	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
Acenaphthene	mg/kg	3,440	NS	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	0.098 J	<0.39 U	NA	NA	NA
Acenaphthylene	mg/kg	NS	NS	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
Anthracene	mg/kg	17,200	196.9	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
Benzo(a)anthracene	mg/kg	0.15	NS	<0.036 U	<0.036 U	<0.038 U	<0.037 U	0.01 J	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	0.29 J	0.21 J	NA	NA	NA
Benzo(a)pyrene	mg/kg	0.015	0.47	<0.036 U	<0.036 U	<0.038 U	<0.037 U	0.0079 J	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	0.015	0.4793	<0.036 U	<0.036 U	<0.038 U	<0.037 U	0.013 J	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	NS	NS	<0.036 U*	<0.036 U*	<0.038 U*	<0.037 U*	<0.036 U*	<0.036 U*	<0.035 U*	<0.038 U*	<0.038 U*	<0.037 U*	<0.37 U*	<0.39 U*	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	1.48	NS	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
Chrysene	mg/kg	14.8	0.1446	<0.036 U	0.0098 J	<0.038 U	<0.037 U	0.011 J	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	0.71	0.42	NA	NA	NA

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-100		B-101		B-102		B-103		B-104		B-105		B-106		
				3/22/2016 2-4	3/22/2016 4-6	3/21/2016 2-4	3/21/2016 4-6	3/21/2016 0-2	3/21/2016 6-8	3/22/2016 2-4	3/22/2016 6-8	3/22/2016 2-4	3/22/2016 8-10	3/22/2016 2-4	3/22/2016 4-6	4/21/2016 0-2	4/21/2016 2-4	4/21/2016 6-8
PAHs (continued)																		
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
Fluoranthene	mg/kg	2,290	88.9	<0.036 U	<0.036 U	<0.038 U	<0.037 U	0.024 J	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	0.15 J	0.093 J	NA	NA	NA
Fluorene	mg/kg	2,290	14.8	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	0.27 J	0.24 J	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
Naphthalene	mg/kg	5.15	0.6582	<0.036 U	<0.036 U	<0.038 U	<0.037 U	<0.036 U	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	<0.37 U	<0.39 U	NA	NA	NA
Phenanthrene	mg/kg	NS	NS	<0.036 U	<0.036 U	<0.038 U	<0.037 U	0.015 J	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	1.5	0.49	NA	NA	NA
Pyrene	mg/kg	1,720	54.5	<0.036 U	<0.036 U	<0.038 U	<0.037 U	0.02 J	<0.036 U	<0.035 U	<0.038 U	<0.038 U	<0.037 U	0.67	0.41	NA	NA	NA

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

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J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	B-107			B-108			B-109			B-110	B-111	B-112	DB-01			
				4/21/2016 0-2	4/21/2016 2-4	4/21/2016 6-8	4/21/2016 0-2	4/21/2016 2-4	4/21/2016 6-8	4/21/2016 0-2	4/21/2016 2-4	4/21/2016 6-8	4/21/2016 2-4	4/21/2016 2-4	4/21/2016 2-4	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	
PCBs																			
Aroclor 1016	mg/kg	3.93	NS	<0.19 U	<0.018 U	<0.02 U	<0.37 U	<1.9 U	<0.02 U	<0.38 U	<0.18 U	<0.019 U	<0.97 U	<0.2 U	<0.38 U	<0.98 U	<0.019 U	<0.019 U	
Aroclor 1221	mg/kg	0.19	NS	<0.19 U	<0.018 U	<0.02 U	<0.37 U	<1.9 U	<0.02 U	<0.38 U	<0.18 U	<0.019 U	<0.97 U	<0.2 U	<0.38 U	<0.98 U	<0.019 U	<0.019 U	
Aroclor 1232	mg/kg	0.17	NS	<0.19 U	<0.018 U	<0.02 U	<0.37 U	<1.9 U	<0.02 U	<0.38 U	<0.18 U	<0.019 U	<0.97 U	<0.2 U	<0.38 U	<0.98 U	<0.019 U	<0.019 U	
Aroclor 1242	mg/kg	0.21	NS	<0.19 U	<0.018 U	<0.02 U	<0.37 U	<1.9 U	<0.02 U	<0.38 U	<0.18 U	<0.019 U	<0.97 U	<0.2 U	<0.38 U	<0.98 U	<0.019 U	<0.019 U	
Aroclor 1248	mg/kg	0.21	NS	2.5	0.086	<0.02 U	2.9	<1.9 U	<0.02 U	4.5	1.6	0.027	6.7	<0.2 U	2.7	1.9	<0.019 U	0.098	
Aroclor 1254	mg/kg	0.213	NS	1.7	<0.018 U	<0.02 U	1.5	21	<0.02 U	2.6	1.1	0.014 J	3.2	0.099 J	1.6	1.5	<0.019 U	0.064	
Aroclor 1260	mg/kg	0.216	NS	<0.19 U	<0.018 U	<0.02 U	<0.37 U	<1.9 U	<0.02 U	<0.38 U	<0.18 U	<0.019 U	<0.97 U	<0.2 U	<0.38 U	<0.98 U	<0.019 U	<0.019 U	
VOCs																			
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,1,1-Trichloroethane	mg/kg	640	0.1402	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,1-Dichloroethene	mg/kg	342	0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,1-Dichloropropene	mg/kg	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U*	<0.066 U*	<0.069 U*
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.33 U	<0.33 U	<0.34 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,2-Dichlorobenzene	mg/kg	376	1.168	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.058 J	<0.066 U	<0.069 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U*	<0.066 U*	<0.069 U*
1,3-Dichlorobenzene	mg/kg	297	1.15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
1,3-Dichloropropane	mg/kg	1,490	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U*	<0.066 U*	<0.069 U*
1,4-Dichlorobenzene	mg/kg	3.48	0.144	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
2,2-Dichloropropane	mg/kg	191	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
2-Chlorotoluene	mg/kg	907	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U*	<0.066 U*	<0.069 U*
4-Chlorotoluene	mg/kg	253	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U*	<0.066 U*	<0.069 U*
Benzene	mg/kg	1.49	0.0051	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.016 U*	<0.017 U*	<0.017 U*
Bromobenzene	mg/kg	354	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
Bromochloromethane	mg/kg	232	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
Bromodichloromethane	mg/kg	0.39	0.0003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
Bromoform	mg/kg	23.6	0.0023	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
Bromomethane	mg/kg	10.3	0.0051	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.13 U	<0.13 U	<0.14 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
CFC-11	mg/kg	1,230	4.48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U
CFC-12	mg/kg	135	3.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.13 U	<0.13 U	<0.14 U

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Soil Management Plan
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				4/21/2016 0-2	4/21/2016 2-4	4/21/2016 6-8	4/21/2016 0-2	4/21/2016 2-4	4/21/2016 6-8	4/21/2016 0-2	4/21/2016 2-4	4/21/2016 6-8	4/21/2016 2-4	4/21/2016 2-4	4/21/2016 2-4	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6		
VOCs (continued)																				
Chlorobenzene	mg/kg	392	0.1358	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Chlorodibromomethane	mg/kg	7.6	0.0320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Chloroethane	mg/kg	2120	0.2266	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Chloroform	mg/kg	0.423	0.0033	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Chloromethane	mg/kg	171	0.0155	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
cis-1,2-Dichloroethene	mg/kg	156	0.0412	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
cis-1,3-Dichloropropene	mg/kg	1,210	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U*	<0.066 U*	<0.069 U*	
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Dibromomethane	mg/kg	36.6	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Dichloromethane	mg/kg	60.7	0.0026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.33 U*	<0.33 U*	<0.34 U*	
Diisopropyl ether	mg/kg	2,260	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Ethylbenzene	mg/kg	7.47	1.57	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.016 U	<0.017 U	<0.017 U	
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Isopropylbenzene	mg/kg	268	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Methyl-tert-butylether	mg/kg	59.4	0.0270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U*	<0.066 U*	<0.069 U*	
Naphthalene	mg/kg	5.15	0.6582	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	0.17	
N-Butylbenzene	mg/kg	108	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
N-Propylbenzene	mg/kg	264	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
sec-Butylbenzene	mg/kg	145	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Styrene (Monomer)	mg/kg	867	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U*	<0.066 U*	<0.069 U*	
tert-Butylbenzene	mg/kg	183	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Tetrachloroethene	mg/kg	30.7	0.0045	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Toluene	mg/kg	818	1.11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.018 *	<0.017 U*	<0.017 U*	
Total Xylenes	mg/kg	260	3.96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.033 U*	<0.033 U*	<0.034 U*	
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
trans-1,3-Dichloropropene	mg/kg	1,510	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.066 U	<0.066 U	<0.069 U	
Trichloroethene	mg/kg	1.26	0.0036	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.033 U*	<0.033 U*	<0.034 U*	
Vinyl chloride	mg/kg	0.0671	0.0001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.033 U	<0.033 U	<0.034 U	
PAHs																				
1-Methylnaphthalene	mg/kg	15.6	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.038 U	0.013 J	0.045
2-Methylnaphthalene	mg/kg	229	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.038 U	0.012 J	0.048
Acenaphthene	mg/kg	3,440	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.016 J	0.038	0.11
Acenaphthylene	mg/kg	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.024 J	<0.038 U	0.014 J
Anthracene	mg/kg	17,200	196.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.049	0.028 J	0.18
Benzo(a)anthracene	mg/kg	0.15	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.3	0.056	0.44
Benzo(a)pyrene	mg/kg	0.015	0.47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.31	0.048	0.42
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.42	0.084	0.76
Benzo(g,h,i)perylene	mg/kg	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	<0.038 U	0.2
Benzo(k)fluoranthene	mg/kg	1.48	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.36	0.034 J	0.27
Chrysene	mg/kg	14.8	0.1446	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.34	0.078	0.48

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PAHs (continued)																			
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.038 U	<0.038 U	0.065
Fluoranthene	mg/kg	2,290	88.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.49	0.18	1
Fluorene	mg/kg	2,290	14.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.014 J	0.05	0.15
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.15	0.015 J	0.22
Naphthalene	mg/kg	5.15	0.6582	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.038 U	0.011 J	0.061
Phenanthrene	mg/kg	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.22	0.18	0.98
Pyrene	mg/kg	1,720	54.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.1	0.14	2.1

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	DB-02			DB-03			DB-04			DB-05			DB-07		
				3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6
PCBs																		
Aroclor 1016	mg/kg	3.93	NS	<0.38 U	<0.19 U	<0.019 U	<0.95 U	<0.91 U	<0.019 U	<0.94 U	<0.019 U	<0.4 U	<1.9 U	<0.98 U	<0.42 U	<0.19 U	<0.019 U	<0.019 U
Aroclor 1221	mg/kg	0.19	NS	<0.38 U	<0.19 U	<0.019 U	<0.95 U	<0.91 U	<0.019 U	<0.94 U	<0.019 U	<0.4 U	<1.9 U	<0.98 U	<0.42 U	<0.19 U	<0.019 U	<0.019 U
Aroclor 1232	mg/kg	0.17	NS	<0.38 U	<0.19 U	<0.019 U	<0.95 U	<0.91 U	<0.019 U	<0.94 U	<0.019 U	<0.4 U	<1.9 U	<0.98 U	<0.42 U	<0.19 U	<0.019 U	<0.019 U
Aroclor 1242	mg/kg	0.21	NS	<0.38 U	<0.19 U	<0.019 U	<0.95 U	<0.91 U	<0.019 U	<0.94 U	<0.019 U	<0.4 U	<1.9 U	<0.98 U	<0.42 U	<0.19 U	<0.019 U	<0.019 U
Aroclor 1248	mg/kg	0.21	NS	5.2	1.8	<0.019 U	4.5	3.6	<0.019 U	1.6	<0.019 U	0.95	9.5	3.4	<0.42 U	0.54	0.017 J	0.017 J
Aroclor 1254	mg/kg	0.213	NS	3.7	1.1	<0.019 U	2.8	2.1	0.0083 J	0.84 J	<0.019 U	0.58	3.6	1.5	1.4	0.62	0.022	0.022
Aroclor 1260	mg/kg	0.216	NS	<0.38 U	<0.19 U	<0.019 U	<0.95 U	<0.91 U	<0.019 U	<0.94 U	<0.019 U	<0.4 U	<1.9 U	<0.98 U	1.4	<0.19 U	<0.019 U	<0.019 U
VOCs																		
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 UF1	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.065 U	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U	<0.068 U	<0.077 U	<0.069 U*	<0.07 U*	<0.068 U*
1,1-Dichloroethene	mg/kg	342	0.0050	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,1-Dichloropropene	mg/kg	NS	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.065 U*	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U*	<0.068 U*	<0.077 U*	<0.069 U*	0.2 *	<0.068 U*
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.33 U	<0.33 U*	<0.33 U*	<0.35 U*	<0.33 U*	<0.33 U*	<0.32 U*	<0.32 U*	<0.35 U*	<0.38 U	<0.34 U	<0.38 U	<0.34 U*	<0.35 U*	<0.34 U*
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.065 U	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U	<0.068 U	<0.077 U	<0.069 U*	<0.07 U*	<0.068 U*
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.065 U	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U	<0.068 U	<0.077 U	<0.069 U*	<0.07 U*	<0.068 U*
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.065 U*	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U*	<0.068 U*	<0.077 U*	<0.069 U*	0.063 J*	<0.068 U*
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
1,3-Dichloropropane	mg/kg	1,490	NS	<0.065 U*	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U*	<0.068 U*	<0.077 U*	<0.069 U*	<0.07 U*	<0.068 U*
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
2,2-Dichloropropane	mg/kg	191	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
2-Chlorotoluene	mg/kg	907	NS	<0.065 U*	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U*	<0.068 U*	<0.077 U*	<0.069 U*	<0.07 U*	<0.068 U*
4-Chlorotoluene	mg/kg	253	NS	<0.065 U*	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U*	<0.068 U*	<0.077 U*	<0.069 U*	<0.07 U*	<0.068 U*
Benzene	mg/kg	1.49	0.0051	<0.016 U*	<0.017 U*	<0.017 U*	<0.017 U*	<0.016 U*	<0.016 U*	<0.016 U*	<0.016 U*	<0.018 U*	<0.019 U*	<0.017 U*	<0.019 U*	<0.017 U*	<0.017 U*	<0.017 U*
Bromobenzene	mg/kg	354	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Bromochloromethane	mg/kg	232	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Bromodichloromethane	mg/kg	0.39	0.0003	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Bromoform	mg/kg	23.6	0.0023	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Bromomethane	mg/kg	10.3	0.0051	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.15 U	<0.14 U	<0.15 U	<0.14 U	<0.14 U	<0.14 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
CFC-11	mg/kg	1,230	4.48	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
CFC-12	mg/kg	135	3.09	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.14 U	<0.15 U	<0.14 U	<0.15 U	<0.14 U	<0.14 U	<0.14 U

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	DB-02			DB-03			DB-04			DB-05			DB-07		
				3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6
VOCs (continued)																		
Chlorobenzene	mg/kg	392	0.1358	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Chloroethane	mg/kg	2120	0.2266	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Chloroform	mg/kg	0.423	0.0033	<0.065 U	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U	<0.068 U	<0.077 U	<0.069 U*	<0.07 U*	<0.068 U*
Chloromethane	mg/kg	171	0.0155	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.065 U	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U	<0.068 U	<0.077 U	<0.069 U*	<0.07 U*	<0.068 U*
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.065 U*	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U*	<0.068 U*	<0.077 U*	<0.069 U*	<0.07 U*	<0.068 U*
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	0.17	<0.068 U
Dibromomethane	mg/kg	36.6	NS	<0.065 U	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U	<0.068 U	<0.077 U	<0.069 U*	<0.07 U*	<0.068 U*
Dichloromethane	mg/kg	60.7	0.0026	<0.33 U*	<0.33 U*	<0.33 U*	<0.35 U*	<0.33 U*	<0.33 U*	<0.32 U*	<0.32 U*	<0.35 U*F1	<0.38 U*	<0.34 U*	<0.38 U*	<0.34 U*	<0.35 U*	<0.34 U*
Diisopropyl ether	mg/kg	2,260	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Ethylbenzene	mg/kg	7.47	1.57	<0.016 U	<0.017 U	<0.017 U	<0.017 U	<0.016 U	<0.016 U	<0.016 U	<0.016 U	<0.018 U	<0.019 U	<0.017 U	<0.019 U	<0.017 U	<0.017 U	<0.017 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.065 U	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U	<0.068 U	<0.077 U	<0.069 U*	<0.07 U*	<0.068 U*
Isopropylbenzene	mg/kg	268	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.065 U*	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U*	<0.068 U*	<0.077 U*	<0.069 U*	<0.07 U*	<0.068 U*
Naphthalene	mg/kg	5.15	0.6582	<0.065 U	2.5	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	0.4	<0.068 U	0.22	<0.069 U	<0.07 U	<0.068 U
N-Butylbenzene	mg/kg	108	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
N-Propylbenzene	mg/kg	264	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
sec-Butylbenzene	mg/kg	145	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Styrene (Monomer)	mg/kg	867	0.22	<0.065 U*	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U*	<0.068 U*	<0.077 U*	<0.069 U*	<0.07 U*	<0.068 U*
tert-Butylbenzene	mg/kg	183	NS	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.065 U	<0.067 U	<0.067 U	<0.07 U	<0.066 U	<0.066 U	<0.063 U	<0.065 U	<0.07 U	<0.076 U	<0.068 U	<0.077 U	<0.069 U	<0.07 U	<0.068 U
Toluene	mg/kg	818	1.11	<0.016 U*	0.014 J*	<0.017 U*	<0.017 U*	<0.016 U*	<0.016 U*	<0.016 U*	<0.016 U*	<0.018 U*	0.018 J*	<0.017 U*	<0.019 U*	<0.017 U*	0.11 *	<0.017 U*
Total Xylenes	mg/kg	260	3.96	0.042 *	<0.033 U*	<0.033 U*	<0.035 U*	<0.033 U*	<0.033 U*	<0.032 U*	<0.032 U*	<0.035 U*	<0.038 U*	<0.034 U*	<0.038 U*	<0.034 U*	<0.035 U*	<0.034 U*
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.065 U	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U	<0.068 U	<0.077 U	<0.069 U*	<0.07 U*	<0.068 U*
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.065 U	<0.067 U*	<0.067 U*	<0.07 U*	<0.066 U*	<0.066 U*	<0.063 U*	<0.065 U*	<0.07 U*	<0.076 U	<0.068 U	<0.077 U	<0.069 U*	<0.07 U*	<0.068 U*
Trichloroethene	mg/kg	1.26	0.0036	0.022 J*	<0.033 U*	<0.033 U*	<0.035 U*	<0.033 U*	<0.033 U*	<0.032 U*	<0.032 U*	<0.035 U*F1	0.015 J*	<0.034 U*	<0.038 U*	<0.034 U*	<0.035 U*	<0.034 U*
Vinyl chloride	mg/kg	0.0671	0.0001	<0.033 U	<0.033 U	<0.033 U	<0.035 U	<0.033 U	<0.033 U	<0.032 U	<0.032 U	<0.035 U	<0.038 U	<0.034 U	<0.038 U	<0.034 U	<0.035 U	<0.034 U
PAHs																		
1-Methylnaphthalene	mg/kg	15.6	NS	0.056	0.14	<0.037 U	0.025 J	0.033 J	<0.038 U	<0.036 U	<0.037 U	<0.038 U	0.037	0.074	<0.4 U	0.01 J	<0.039 U	<0.038 U
2-Methylnaphthalene	mg/kg	229	NS	0.077	0.19	<0.037 U	0.028 J	0.035 J	<0.038 U	<0.036 U	<0.037 U	<0.038 U	0.046	0.066	0.11 J	<0.038 U	<0.039 U	<0.038 U
Acenaphthene	mg/kg	3,440	NS	0.08	0.22	<0.037 U	0.046	0.06	<0.038 U	<0.036 U	<0.037 U	<0.038 U	0.032 J	0.11	0.23 J	0.026 J	<0.039 U	<0.038 U
Acenaphthylene	mg/kg	NS	NS	0.067	0.022 J	<0.037 U	0.046	0.055	<0.038 U	0.0085 J	<0.037 U	<0.038 U	0.045	0.035 J	<0.4 U	0.05	<0.039 U	<0.038 U
Anthracene	mg/kg	17,200	196.9	0.22	0.24	<0.037 U	0.14	0.2	<0.038 U	0.021 J	<0.037 U	0.0076 J	0.08	0.2	0.73	0.11	<0.039 U	<0.038 U
Benzo(a)anthracene	mg/kg	0.15	NS	1.1	0.5	0.0079 J	0.89	1.2	0.0087 J	0.11	<0.037 U	0.06	0.75	0.69	1	0.59	0.02 J	<0.038 U
Benzo(a)pyrene	mg/kg	0.015	0.47	0.91	0.49	<0.037 U	0.7	0.96	<0.038 U	0.093	<0.037 U	<0.038 U	0.67	0.69	0.75	0.57	<0.039 U	<0.038 U
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	1.8	1	<0.037 U	1.4	2	<0.038 U	0.21	<0.037 U	0.064	1.5	1.1	1.6	1.1	0.026 J	<0.038 U
Benzo(g,h,i)perylene	mg/kg	NS	NS	0.62	0.35	<0.037 U	0.49	0.77	<0.038 U	0.042	<0.037 U	<0.038 U	0.37	0.25	0.29 J	0.19	<0.039 U	<0.038 U
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.67	0.4	<0.037 U	0.59	0.62	<0.038 U	0.073	<0.037 U	0.065	0.65	0.37	0.61	0.38	<0.039 U	<0.038 U
Chrysene	mg/kg	14.8	0.1446	1.2	0.63	<0.037 U	0.97	1.4	0.021 J	0.14	<0.037 U	0.077	0.86	0.78	1.4	0.64	0.025 J	0.016 J

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Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	DB-02			DB-03			DB-04			DB-05			DB-07		
				3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6
PAHs (continued)																		
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	0.15	0.1	<0.037 U	0.11	0.19	<0.038 U	<0.036 U	<0.037 U	<0.038 U	0.11	0.1	<0.4 U	0.043	<0.039 U	<0.038 U
Fluoranthene	mg/kg	2,290	88.9	1.4	1.3	<0.037 U	1.1	1.3	0.032 J	0.19	<0.037 U	0.072	0.99	1.9	3.3	1.6	0.039	0.032 J
Fluorene	mg/kg	2,290	14.8	0.067	0.2	<0.037 U	0.038 J	0.061	<0.038 U	<0.036 U	<0.037 U	<0.038 U	0.022 J	0.073	0.44	0.049	<0.039 U	<0.038 U
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	0.66	0.33	<0.037 U	0.48	0.8	<0.038 U	0.045	<0.037 U	<0.038 U	0.35	0.28	0.35 J	0.22	<0.039 U	<0.038 U
Naphthalene	mg/kg	5.15	0.6582	0.069	0.54	<0.037 U	0.031 J	0.039	<0.038 U	<0.036 U	<0.037 U	<0.038 U	0.039	0.065	0.24 J	0.01 J	<0.039 U	<0.038 U
Phenanthrene	mg/kg	NS	NS	0.95	1.6	<0.037 U	0.61	0.89	0.021 J	0.082	<0.037 U	0.036 J	0.39	1.3	2.7	0.94	0.027 J	0.024 J
Pyrene	mg/kg	1,720	54.5	5.3	3.6	<0.037 U	4	5.3	0.049	0.29	<0.037 U	0.21	2.7	1.8	2.8	1.6	0.043	0.04

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	DB-08			DB-09			QAQC					QAQC			
				3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016	3/3/2016	3/4/2016	3/15/2016	3/16/2016	3/17/2016	3/18/2016	3/21/2016	3/22/2016
PCBs																		
Aroclor 1016	mg/kg	3.93	NS	<1.9 U	<0.018 U	<0.018 U	<1.9 U	<0.019 U	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1221	mg/kg	0.19	NS	<1.9 U	<0.018 U	<0.018 U	<1.9 U	<0.019 U	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1232	mg/kg	0.17	NS	<1.9 U	<0.018 U	<0.018 U	<1.9 U	<0.019 U	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1242	mg/kg	0.21	NS	<1.9 U	<0.018 U	<0.018 U	<1.9 U	<0.019 U	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1248	mg/kg	0.21	NS	3.2	0.026	0.22	5.8	0.036	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1254	mg/kg	0.213	NS	2.2	0.02	0.098	3	0.016 J	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor 1260	mg/kg	0.216	NS	<1.9 U	<0.018 U	<0.018 U	<1.9 U	<0.019 U	<0.019 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
VOCs																		
1,1,1,2-Tetrachloroethane	mg/kg	2.59	0.0534	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,1,1-Trichloroethane	mg/kg	640	0.1402	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,1,1,2,2-Tetrachloroethane	mg/kg	0.753	0.0002	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,1,2-Trichloroethane	mg/kg	1.48	0.0032	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,1-Dichloroethane	mg/kg	4.72	0.4834	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,1-Dichloroethene	mg/kg	342	0.0050	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,1-Dichloropropene	mg/kg	NS	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,2,3-Trichlorobenzene	mg/kg	62.6	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,2,3-Trichloropropane	mg/kg	0.0050	0.0519	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,2,4-Trichlorobenzene	mg/kg	22	0.4080	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,2,4-Trimethylbenzene	mg/kg	89.8	1.382	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U*	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,2-Dibromo-3-chloropropane	mg/kg	0.0076	0.0002	<0.31 U*	<0.31 U*	<0.33 U*	<0.32 U*	<0.34 U*	<0.33 U*	<0.25 U*	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U
1,2-Dibromoethane	mg/kg	0.0465	0.00003	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,2-Dichlorobenzene	mg/kg	376	1.168	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,2-Dichloroethane	mg/kg	0.608	0.0028	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,2-Dichloropropane	mg/kg	1.33	0.0033	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,3,5-Trimethylbenzene	mg/kg	182	1.38	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U*	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,3-Dichlorobenzene	mg/kg	297	1.15	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,3-Dichloropropane	mg/kg	1,490	NS	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U*	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
1,4-Dichlorobenzene	mg/kg	3.48	0.144	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
2,2-Dichloropropane	mg/kg	191	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
2-Chlorotoluene	mg/kg	907	NS	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U*	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
4-Chlorotoluene	mg/kg	253	NS	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U*	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Benzene	mg/kg	1.49	0.0051	<0.016 U*	<0.015 U*	<0.017 U*	<0.016 U*	<0.017 U*	<0.016 U*	<0.013 U*	<0.013 U*	<0.013 U*	<0.013 U	<0.013 U	<0.013 U	<0.013 U	<0.013 U	<0.013 U
Bromobenzene	mg/kg	354	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Bromochloroethane	mg/kg	232	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U
Bromodichloromethane	mg/kg	0.39	0.0003	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Bromoform	mg/kg	23.6	0.0023	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U
Bromomethane	mg/kg	10.3	0.0051	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U
Carbon Tetrachloride	mg/kg	0.854	0.0039	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U
CFC-11	mg/kg	1,230	4.48	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U
CFC-12	mg/kg	135	3.09	<0.12 U	<0.12 U	<0.13 U	<0.13 U	<0.13 U	<0.13 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U	<0.1 U

Notes on Page 51.

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	DB-08			DB-09			QAQC						QAQC		
				3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016	3/3/2016	3/4/2016	3/15/2016	3/16/2016	3/17/2016	3/18/2016	3/21/2016	3/22/2016
VOCs (continued)																		
Chlorobenzene	mg/kg	392	0.1358	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Chlorodibromomethane	mg/kg	7.6	0.0320	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U
Chloroethane	mg/kg	2120	0.2266	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Chloroform	mg/kg	0.423	0.0033	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Chloromethane	mg/kg	171	0.0155	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
cis-1,2-Dichloroethene	mg/kg	156	0.0412	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	0.058 J*	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
cis-1,3-Dichloropropene	mg/kg	1,210	NS	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Cymene (p-Isopropyltoluene)	mg/kg	162	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Dibromomethane	mg/kg	36.6	NS	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U*	<0.05 U*
Dichloromethane	mg/kg	60.7	0.0026	<0.31 U*	<0.31 U*	<0.33 U*	<0.32 U*	<0.34 U*	<0.33 U*	<0.25 U*	<0.25 U*	0.3 B*	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U	<0.25 U
Diisopropyl ether	mg/kg	2,260	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Ethylbenzene	mg/kg	7.47	1.57	<0.016 U	<0.015 U	<0.017 U	<0.016 U	<0.017 U	<0.016 U	<0.013 U	<0.013 U	<0.013 U*	<0.013 U	<0.013 U	<0.013 U	<0.013 U	<0.013 U	<0.013 U
Hexachloro-1,3-butadiene	mg/kg	1.51	NS	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Isopropylbenzene	mg/kg	268	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Methyl-tert-butylether	mg/kg	59.4	0.0270	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U*	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U
Naphthalene	mg/kg	5.15	0.6582	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
N-Butylbenzene	mg/kg	108	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
N-Propylbenzene	mg/kg	264	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
sec-Butylbenzene	mg/kg	145	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Styrene (Monomer)	mg/kg	867	0.22	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U*	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
tert-Butylbenzene	mg/kg	183	NS	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Tetrachloroethene	mg/kg	30.7	0.0045	<0.062 U	<0.062 U	<0.067 U	<0.063 U	<0.067 U	<0.066 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Toluene	mg/kg	818	1.11	<0.016 U*	<0.015 U*	<0.017 U*	0.014 J*	<0.017 U*	<0.016 U*	<0.013 U*	<0.013 U*	<0.013 U*	<0.013 U	<0.013 U	<0.013 U	<0.013 U	<0.013 U	<0.013 U
Total Xylenes	mg/kg	260	3.96	<0.031 U*	<0.031 U*	<0.033 U*	<0.032 U*	<0.034 U*	<0.033 U*	<0.025 U*	<0.025 U*	<0.025 U*	<0.025 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U
trans-1,2-Dichloroethene	mg/kg	1,560	0.0626	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
trans-1,3-Dichloropropene	mg/kg	1,510	NS	<0.062 U*	<0.062 U*	<0.067 U*	<0.063 U*	<0.067 U*	<0.066 U*	<0.05 U*	<0.05 U	<0.05 U*	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U	<0.05 U
Trichloroethene	mg/kg	1.26	0.0036	<0.031 U*	<0.031 U*	<0.033 U*	0.028 J*	<0.034 U*	0.019 J*	<0.025 U*	<0.025 U*	<0.025 U*	<0.025 U	<0.025 U*	<0.025 U	<0.025 U*	<0.025 U	<0.025 U
Vinyl chloride	mg/kg	0.0671	0.0001	<0.031 U	<0.031 U	<0.033 U	<0.032 U	<0.034 U	<0.033 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U	<0.025 U
PAHs																		
1-Methylnaphthalene	mg/kg	15.6	NS	<0.037 U	<0.036 UF2	<0.037 U	<0.38 U	<0.039 U	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	mg/kg	229	NS	<0.037 U	<0.036 UF2	<0.037 U	<0.38 U	<0.039 U	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	mg/kg	3,440	NS	0.045	<0.036 U	<0.037 U	0.095 J	<0.039 U	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	mg/kg	NS	NS	0.069	<0.036 U	<0.037 U	0.083 J	<0.039 U	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	mg/kg	17,200	196.9	0.17	<0.036 U	0.016 J	0.39	0.0089 J	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	mg/kg	0.15	NS	0.98	<0.036 U	0.046	1.9	0.04	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/kg	0.015	0.47	0.89	0.0076 J	0.043	1.7	0.034 J	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/kg	0.15	0.4793	1.5	0.0099 JF1	0.068	3.1	0.052	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/kg	NS	NS	0.55	<0.036 U	0.015 J	0.8	0.017 J	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/kg	1.48	NS	0.79	<0.036 U	0.018 J	1.2	0.019 J	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	mg/kg	14.8	0.1446	1.1	0.017 J	0.061	2.2	0.044	0.013 J	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes on Page 51.

Table 1
Analytical Results
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Location Sample Date Depth Interval	Unit	Non-Industrial Direct Contact RCL	Soil to Groundwater RCL	DB-08			DB-09			QAQC					QAQC			
				3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016 0-2	3/2/2016 2-4	3/2/2016 4-6	3/2/2016	3/3/2016	3/4/2016	3/15/2016	3/16/2016	3/17/2016	3/18/2016	3/21/2016	3/22/2016
PAHs (continued)																		
Dibenzo(a,h)anthracene	mg/kg	0.015	NS	<0.037 U	<0.036 U	<0.037 U	0.26 J	<0.039 U	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	mg/kg	2,290	88.9	1.8	0.011 J	0.093	3.7	0.094	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	mg/kg	2,290	14.8	0.044	<0.036 U	<0.037 U	0.093 J	<0.039 U	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/kg	0.15	NS	0.57	<0.036 U	0.014 J	0.84	0.021 J	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	mg/kg	5.15	0.6582	0.028 J	<0.036 UF2	<0.037 U	<0.38 U	<0.039 U	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	mg/kg	NS	NS	0.97	0.0093 J	0.069	1.7	0.049	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	mg/kg	1,720	54.5	2.6	0.017 JF1	0.098	4.4	0.08	<0.037 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

Acronyms and Abbreviations:

BOLD = indicates detected concentration

Shaded = indicates detected concentration is greater than WI Soil_Non_Ind_RCLs_2016

Italics = indicates detected concentration is greater than WI Soil_GW_RCLs_2016

< = less than

* = LCS or LCSD is outside acceptance limits

B = compound was found in the blank and sample

F1 = MS and/or MSD Recovery is outside acceptance limits

F2 = MS/MSD RPD exceeds control limits

J = Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

mg/kg = milligrams per kilogram

NA = not analyzed

NS = no standard

PAHs = polycyclic aromatic hydrocarbons

PCB = polychlorinated biphenyls

U = not detected

VOCs = volatile organic compounds

Table 2
Historic Soil Analytical
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Sample ID	Direct Contact Non Industrial RCL	Groundwater Protection RCL	GP-1	GP-2	GP-6	GP-8	GP-9	AGMGP-26		GP-107		GP-108		GP-109	GP-110		GP-111		GP-114	
			2-4'	15-17'	10-12'	4-6'	2-4'	2-4'	4-6'	6-8'	14-16'	8-10'	14-16'	8-10'	2-4'	6-8'	2-4'	8-10'	8-10'	
			11/10/99	11/10/99	11/10/99	11/11/99	11/11/99	02/12/01	02/12/01	01/29/08	02/01/08	02/01/08	02/01/08	02/01/08	01/28/08	01/29/08	01/29/08	01/29/08	01/29/08	01/29/08
Sample Depth (feet)			U	S	S	U	U	U	U	S	S	S	S	S	U	U	U	U	U	
Sample Date																				
Saturation																				
VOC (µg/kg)																				
1,1,1-Trichloroethane	640,000	140	<25	<25	<25	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	48 J
1,1-Dichloroethane	4,720	482.8	<25	<25	<25	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	460
1,1-Dichloroethene	342,000	5	<25	<25	<25	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	67 J
1,2,4-Trimethylbenzene	89,800	NE	130	<25	79	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	182,000	NE	NA	NA	NA	NA	NA	NA	NA	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Total Trimethylbenzenes	NE	1,382.1	NA	NA	NA	NA	NA	NA	NA	50	50	50	50	50	50	50	50	50	50	50
Benzene	1,490	5.1	<25	<25	48	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloromethane	171,000	15.5	<25	<25	<25	<25	<25	<57	<58	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	156,000	41.2	<25	<25	<25	<25	<25	<29	<29	4,400	825	128	164	96	35 J	34 J	<25	<25	<25	<25
Ethylbenzene	7,470	1570	<25	<25	64	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	268,000	NE	<25	<25	<25	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	5,150	658.2	2,400 *	830 *	<25	680 *	300 *	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Butylbenzene	108,000	NE	540	<25	<25	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	264,000	NE	NA	NA	NA	NA	NA	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	162,000	NE	<25	<25	<25	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	145,000	NE	210	<25	<25	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	30,700	4.5	<25	<25	<25	<25	43	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	818,000	1107.2	<25	<25	120	<25	<25	<29	<29	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	1,560,000	58.8	<25	<25	<25	<25	<25	<29	<29	113	<25	<25	<25	<25	30.2 J	<25	<25	<25	<25	<25
Trichloroethene	1,260	3.6	<25	<25	<25	<25	43	3,450	4,620	9,300	7,300	169	200	<25	40 J	61	88	320	53 J	<25
Vinyl Chloride	67	0.1	<25	<25	<25	<25	<25	<29	<29	31.3 J	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes, Total	258,000	3940	<25	<25	150	<25	<25	<40	<40	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75	<75

Notes and Abbreviations:

Methylene chloride is a common laboratory contaminant and thus not evaluated.

[] = Concentration exceeds the Direct Contact Non Industrial RCL.

Bold = Concentration exceeds the Groundwater Protection RCL

* = Naphthalene in check standard is 134 percent.

DRO = Diesel Range Organics.

J = Estimated.

µg/kg = Micrograms per kilogram.

mg/kg = Milligrams per kilogram.

NA = Not analyzed or not available.

NE = Not established.

RCL = Residual contaminant level.

S = Saturated

U = Unsaturated

VOC = Volatile Organic Compounds.

Table 2
Historic Soil Analytical
Former Pressed Steel Tank Company
Soil Management Plan
West Allis, Wisconsin

Sample ID	Direct Contact	Groundwater	GP-123	GP-211	GP-216	MW-208	MW-213		MW-214	MW-217
Sample Depth (feet)	Non Industrial	Protection	2-4'	8-10'	10-12'	8-10'	2-4'	4-6'	0-2'	6-8'
Sample Date	RCL	RCL	02/04/08	10/23/08	10/22/08	02/26/09	07/25/11	07/25/11	07/25/11	07/26/11
Saturation			U	U	S	U	U	U	U	S
VOC (µg/kg)										
1,1,1-Trichloroethane	640,000	140	<25	<27	<27	<27	<11	<11	<11	<11
1,1-Dichloroethane	4,720	482.8	<25	<22	<22	<22	<11	<11	<11	<11
1,1-Dichloroethene	342,000	5	<25	<27	<27	<27	<22	<22	<22	<22
1,2,4-Trimethylbenzene	89,800	NE	<25	<20	<20	<20	<80	<80	<80	<80
1,3,5-Trimethylbenzene	182,000	NE	<25	<24	<24	<24	<48	<48	<48	<48
Total Trimethylbenzenes	NE	1,382.1	50	44	44	44	128	128	128	128
Benzene	1,490	5.1	<25	<20	<20	<20	30.9	35	80	<8.9
Chloromethane	171,000	15.5	<25	<43	<43	<43	<119	<119	<119	<119
cis-1,2-Dichloroethene	156,000	41.2	<25	31.1 J	43 J	<24	<14	<14	<14	114
Ethylbenzene	7,470	1570	<25	<16	<16	<16	<55	<55	<55	<55
Isopropylbenzene	268,000	NE	<25	<30	<30	<30	<53	<53	<53	<53
Naphthalene	5,150	658.2	113	<117	<117	<117	<107	<107	<107	<107
n-Butylbenzene	108,000	NE	<25	<35	<35	<35	<48	<48	<48	<48
n-Propylbenzene	264,000	NE	<25	<29	<29	<29	<53	<53	<53	<53
p-Isopropyltoluene	162,000	NE	231	<30	<30	<30	<45	<45	<45	<45
sec-Butylbenzene	145,000	NE	<25	<25	<25	<25	<51	<51	<51	<51
Tetrachloroethene	30,700	4.5	<25	119	<18	<18	<24	<24	<24	<24
Toluene	818,000	1107.2	<25	<23	<23	<23	60 J	104 J	202	<50
trans-1,2-Dichloroethene	1,560,000	58.8	<25	<29	<29	<29	<22	<22	<22	<22
Trichloroethene	1,260	3.6	115	90	<20	670	8,400	6,300	<17	<17
Vinyl Chloride	67	0.1	<25	<17	<17	<17	<16	<16	<16	<16
Xylenes, Total	258,000	3940	<75	<48	<48	<48	<136	157	<136	<136

Notes and Abbreviations:

Methylene chloride is a common laboratory contaminant and thus not evaluated.

[] = Concentration exceeds the Direct Contact Non Industrial RCL.

Bold = Concentration exceeds the Groundwater Protection RCL

* = Naphthalene in check standard is 134 percent.

DRO = Diesel Range Organics.

J = Estimated.

µg/kg = Micrograms per kilogram.

mg/kg = Milligrams per kilogram.

NA = Not analyzed or not available.

NE = Not established.

RCL = Residual contaminant level.

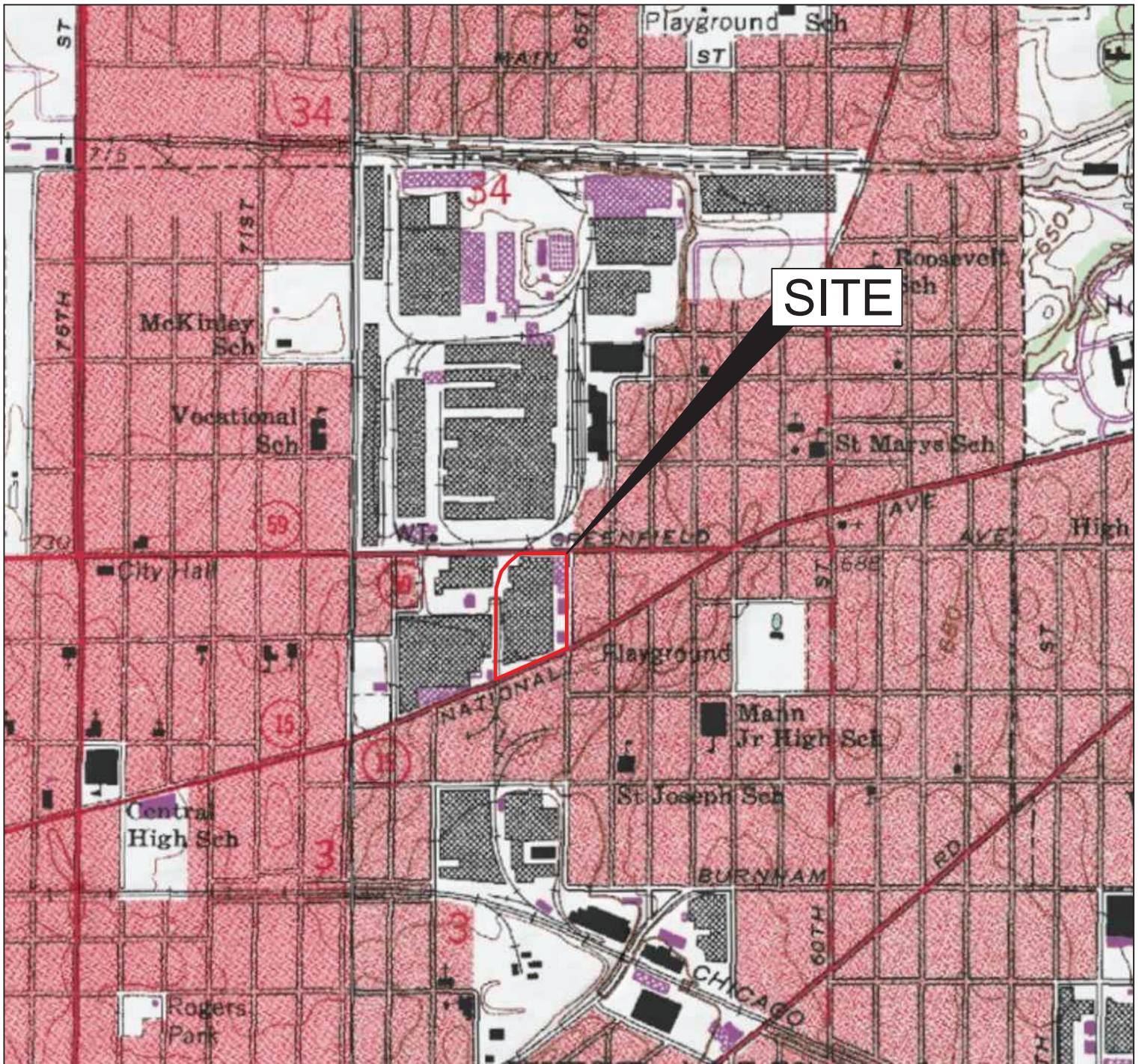
S = Saturated

U = Unsaturated

VOC = Volatile Organic Compounds.



FIGURES



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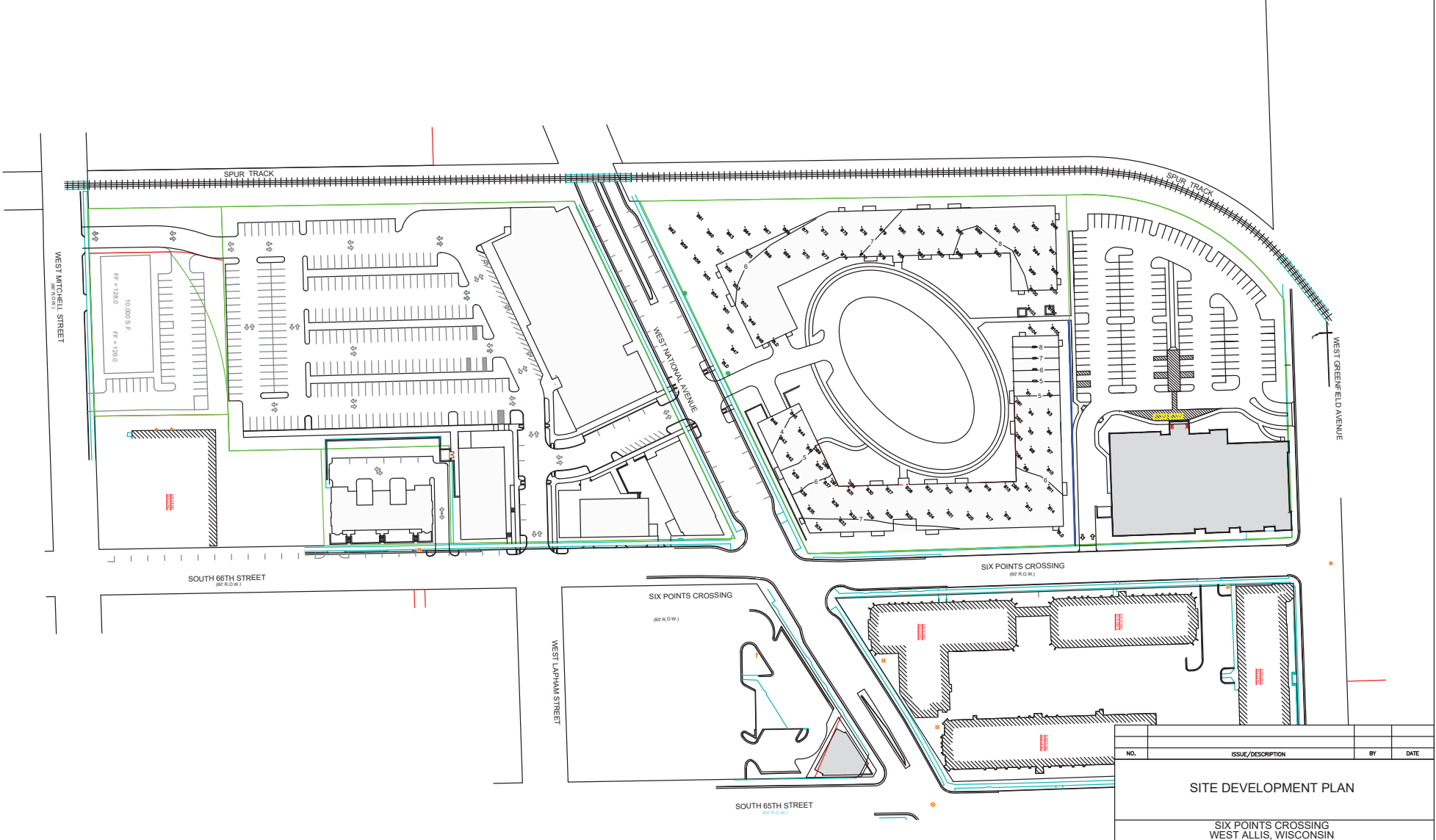
PREPARED BY:
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PREPARED FOR:
MANDEL GROUP, LLC
 MILWAUKEE, WISCONSIN

PROJ MGR: KMH REVIEWED BY:
 DESIGNED BY: KMH DRAWN BY: KMH

NO.	ISSUE/DESCRIPTION	BY	DATE
	SIX POINTS CROSSING WEST ALLIS, WISCONSIN		
	SITE LOCATION MAP		

FIGURE
1
SHEET NO.



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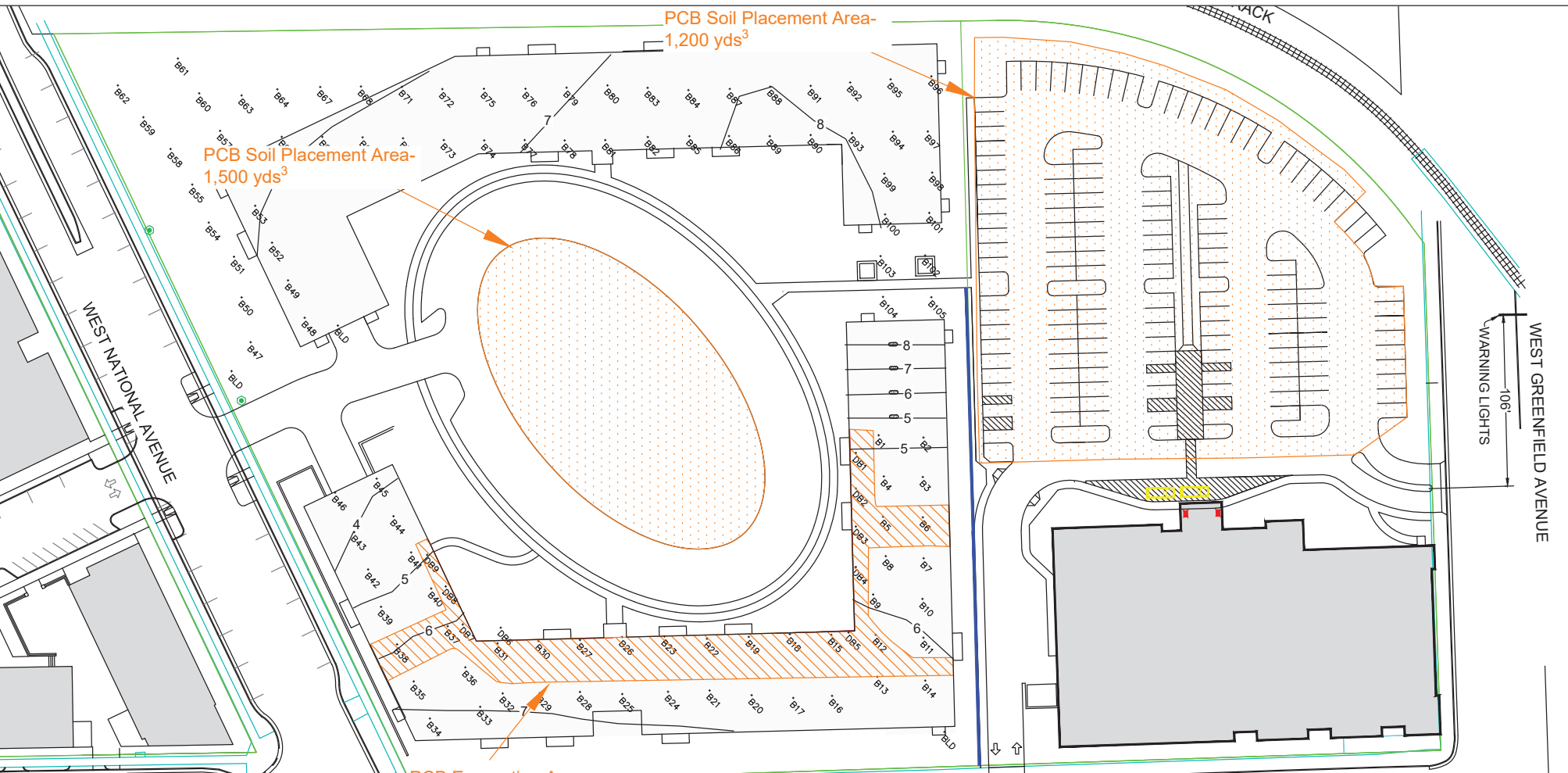
NO.	ISSUE/DESCRIPTION	BY	DATE
SITE DEVELOPMENT PLAN			
SIX POINTS CROSSING WEST ALLIS, WISCONSIN			
PREPARED BY:		PREPARED FOR:	
 GZA GeoEnvironmental, Inc. Engineers and Scientists 20900 EMBERTON DRIVE, SUITE 150 WAUKESHA, WISCONSIN 53186 (262) 754-2850		MANDEL GROUP LLC MILWAUKEE, WISCONSIN	
PROJ MGR:	KMH	REVIEWED BY:	CHECKED BY:
DESIGNED BY:	KMH	DRAWN BY:	KMH
DATE	02/15/2018	PROJECT NO.	20.0155335
		REVISION NO.	

FIGURE
2
SHEET NO.

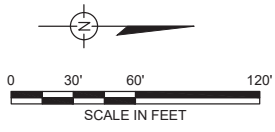
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SIX POINTS CROSSING

SIX POINTS CROSSING
(60' R.O.W.)

WEST GREENFIELD AVENUE
106'
WARNING LIGHTS



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NO.	ISSUE/DESCRIPTION	BY	DATE

PCB SOIL EXCAVATION AND PLACEMENT AREAS

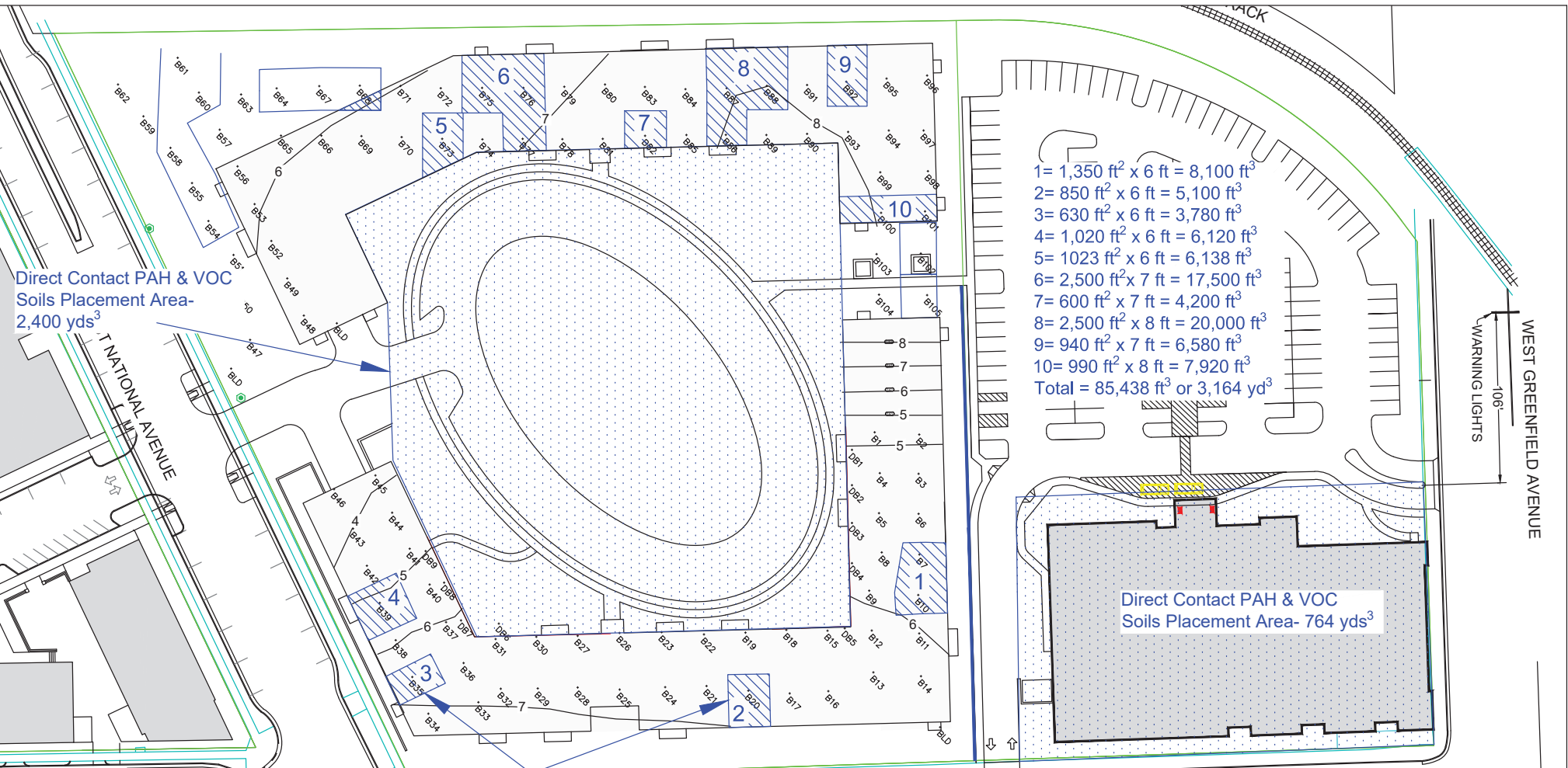
SIX POINTS CROSSING
WEST ALLIS, WISCONSIN

PREPARED BY: **GZA GeoEnvironmental, Inc.**
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PREPARED FOR: **MANDEL GROUP LLC**
MILWAUKEE, WISCONSIN

PROJ MGR: KMH	REVIEWED BY:	CHECKED BY:	FIGURE 3
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE:	
DATE: 02/15/2018	PROJECT NO.: 20.0155335	REVISION NO.	SHEET NO.

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- 1= 1,350 ft² x 6 ft = 8,100 ft³
- 2= 850 ft² x 6 ft = 5,100 ft³
- 3= 630 ft² x 6 ft = 3,780 ft³
- 4= 1,020 ft² x 6 ft = 6,120 ft³
- 5= 1023 ft² x 6 ft = 6,138 ft³
- 6= 2,500 ft² x 7 ft = 17,500 ft³
- 7= 600 ft² x 7 ft = 4,200 ft³
- 8= 2,500 ft² x 8 ft = 20,000 ft³
- 9= 940 ft² x 7 ft = 6,580 ft³
- 10= 990 ft² x 8 ft = 7,920 ft³
- Total = 85,438 ft³ or 3,164 yds³

Direct Contact PAH & VOC
Soils Placement Area- 764 yds³

Direct Contact PAH & VOC
Excavation Areas

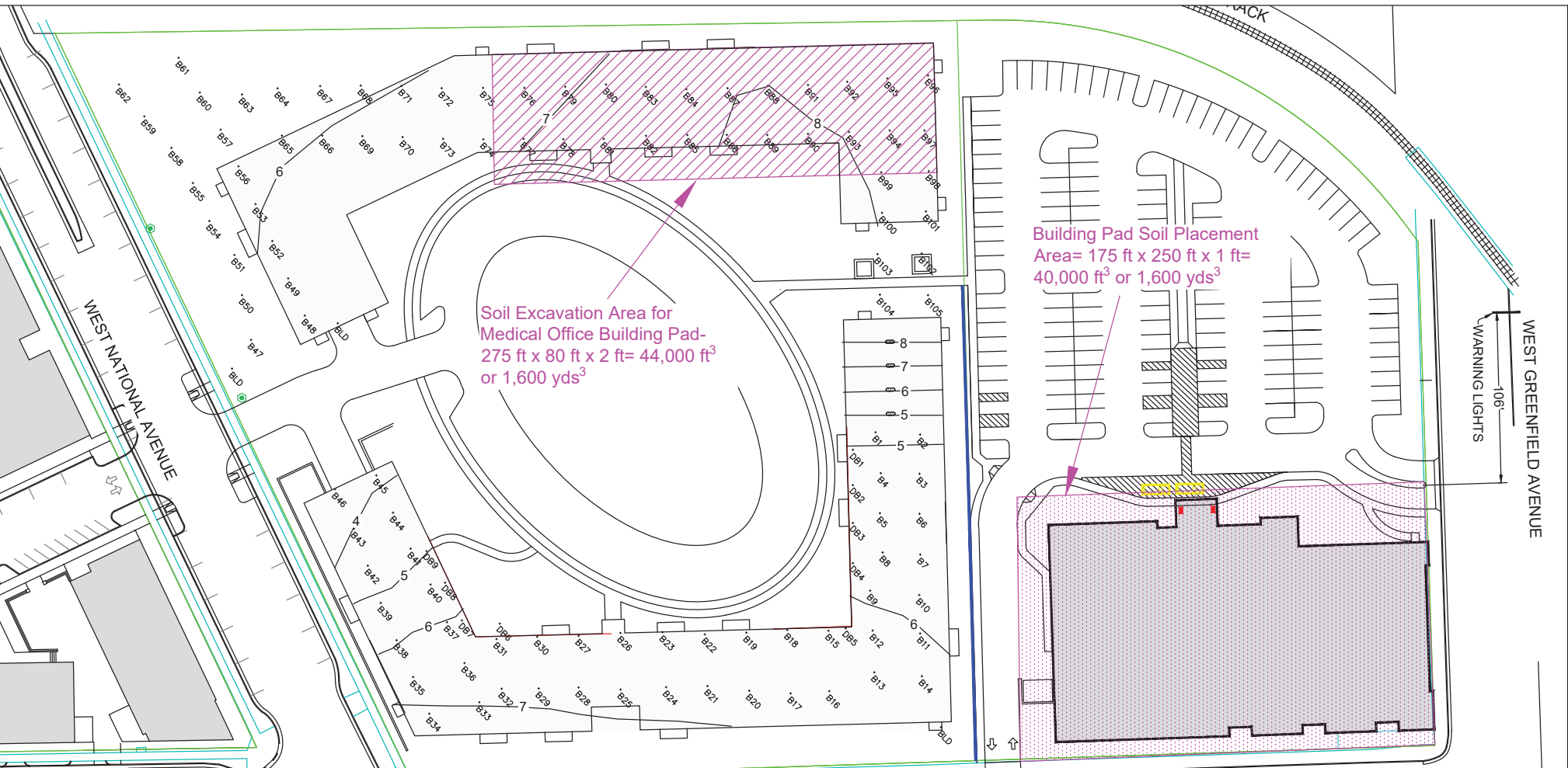
SIX POINTS CROSSING
(60' R.O.W.)

SIX POINTS CROSSING

NO.	ISSUE/DESCRIPTION	BY	DATE
DIRECT CONTACT PAH & VOC SOIL EXCAVATION AND PLACEMENT AREAS			
SIX POINTS CROSSING WEST ALLIS, WISCONSIN			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists 20000 SWENSON DRIVE, SUITE 150 WAUKESHA, WISCONSIN 53186 (262) 754-2550		PREPARED FOR: MANDEL GROUP LLC MILWAUKEE, WISCONSIN	
PROJ MGR: KMH DESIGNED BY: KMH DATE: 02/15/2018	REVIEWED BY: DRAWN BY: KMH PROJECT NO.: 20.0155335	CHECKED BY: SCALE: REVISION NO.:	FIGURE 4 SHEET NO.

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© 2019 - GZA GeoEnvironmental, Inc. GZA - \\GZAWAUKESHA\Jobs\155300\155335.10 Residential (NONA) Report\Soil Management Plan\CAD\SNP.dwg [MOB Building Pad- 11x17] February 22, 2018 - 9:27am kevin.l

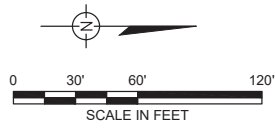


Soil Excavation Area for Medical Office Building Pad- 275 ft x 80 ft x 2 ft= 44,000 ft³ or 1,600 yds³


Building Pad Soil Placement Area= 175 ft x 250 ft x 1 ft= 40,000 ft³ or 1,600 yds³

SIX POINTS CROSSING

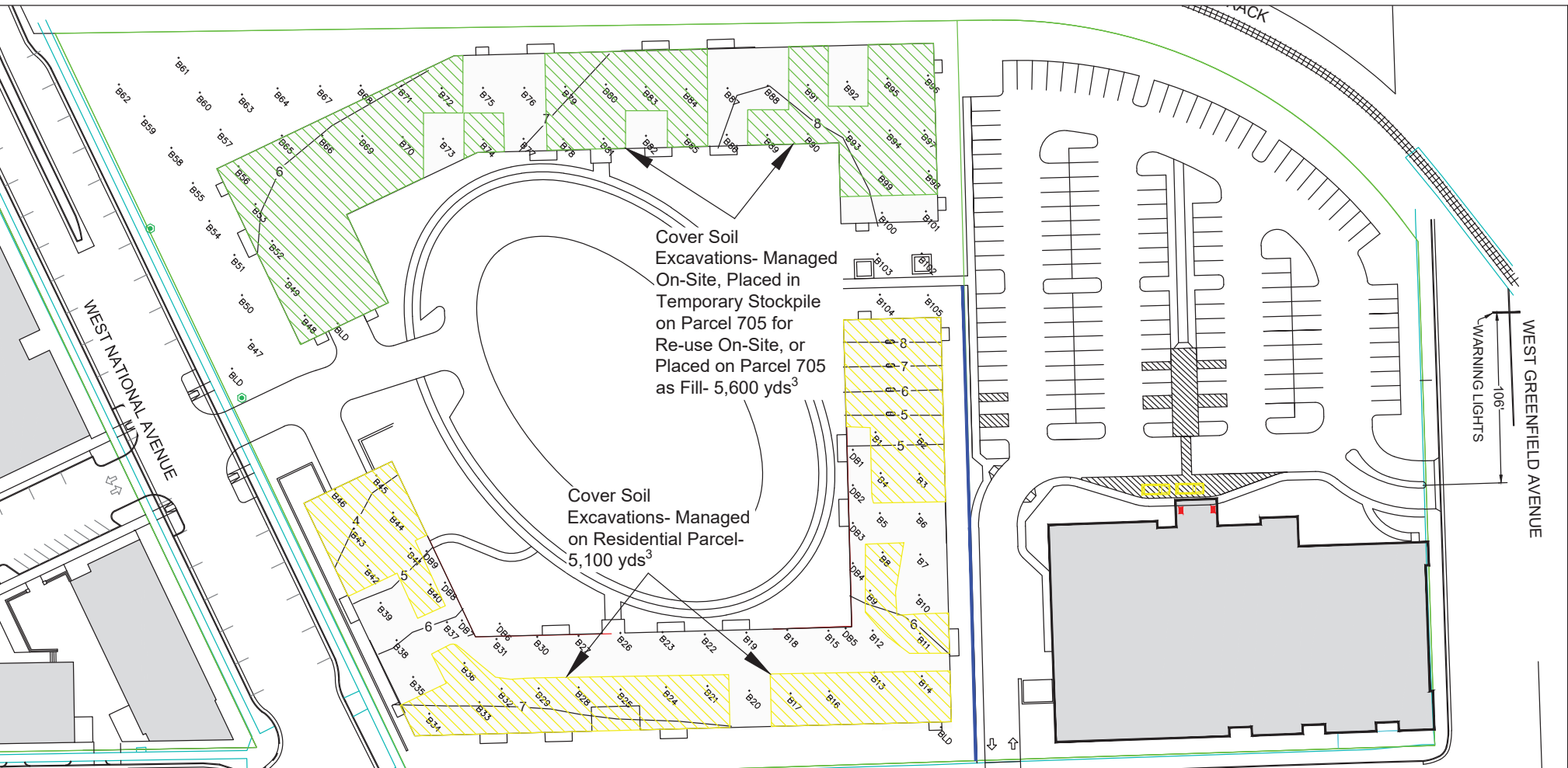
SIX POINTS CROSSING
(60' R.O.W.)



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NO.	ISSUE/DESCRIPTION	BY	DATE
	MEDICAL OFFICE BUILDING PAD SOIL EXCAVATION AND PLACEMENT AREAS		
SIX POINTS CROSSING WEST ALLIS, WISCONSIN			
PREPARED BY:  GZA GeoEnvironmental, Inc. Engineers and Scientists 20900 SWENSON DRIVE, SUITE 150 WAUKESHA, WISCONSIN 53186 (262) 764-2550		PREPARED FOR: MANDEL GROUP LLC MILWAUKEE, WISCONSIN	
PROJ MGR: KMH DESIGNED BY: KMH DATE: 02/15/2018	REVIEWED BY: KMH DRAWN BY: KMH PROJECT NO.: 20.0155335	CHECKED BY: SCALE: REVISION NO.:	FIGURE 5 SHEET NO.

© 2019 - GZA GeoEnvironmental, Inc. GZA \\GZAWAUKESHA\Jobs\155300to155335\10 Residential (NONA) Report\Soil Management\Plan\CAD\SNP.dwg [Residential Cover Soils- 11 x 17] February 22, 2018 - 9:30am



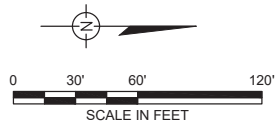
Cover Soil Excavations- Managed On-Site, Placed in Temporary Stockpile on Parcel 705 for Re-use On-Site, or Placed on Parcel 705 as Fill- 5,600 yds³

Cover Soil Excavations- Managed on Residential Parcel- 5,100 yds³

SIX POINTS CROSSING

SIX POINTS CROSSING (60' R.O.W.)

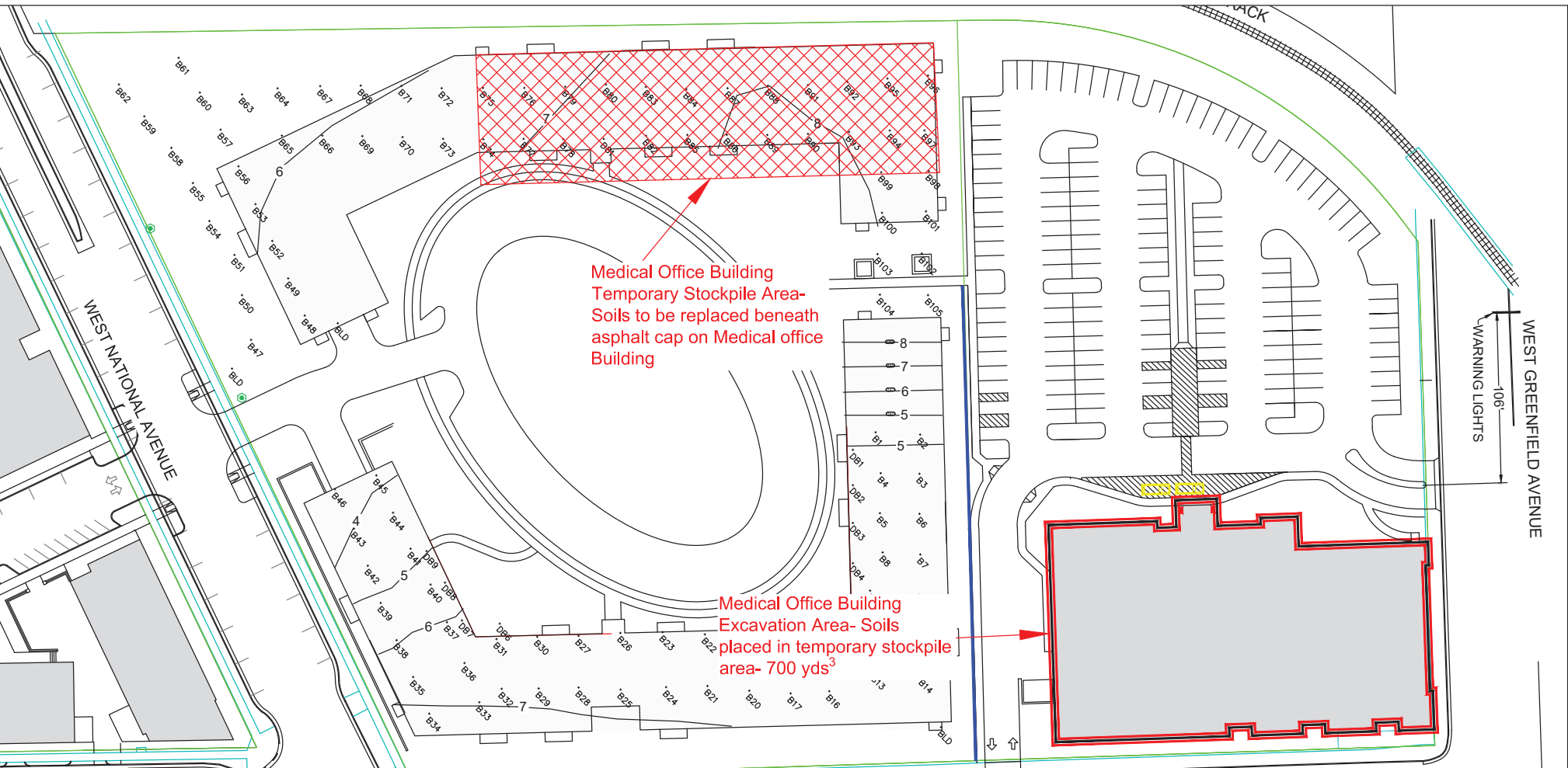
WEST GREENFIELD AVENUE
WARNING LIGHTS
106'



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NO.	ISSUE/DESCRIPTION	BY	DATE
SOILS TO BE USED AS CAP SOILS			
SIX POINTS CROSSING WEST ALLIS, WISCONSIN			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists 20000 SWENSON DRIVE, SUITE 150 WAUKESHA, WISCONSIN 53186 (262) 764-2550		PREPARED FOR: MANDEL GROUP LLC MILWAUKEE, WISCONSIN	
PROJ MGR: KMH DESIGNED BY: KMH	REVIEWED BY: KMH DRAWN BY: KMH	CHECKED BY: SCALE:	FIGURE 6
DATE: 02/15/2018	PROJECT NO.: 20.0155335	REVISION NO.:	SHEET NO.:

© 2009 - GZA GeoEnvironmental, Inc. GZA - (G:\ZAWAUKESHA\Jobs\155300to155335\10 Residential (NOVA) Report\Soil Management Plan\CAD\SNP.dwg [MOB Stockpile Location- 11x17] February 22, 2018 - 9:28am

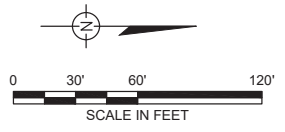


Medical Office Building
Temporary Stockpile Area-
Soils to be replaced beneath
asphalt cap on Medical office
Building

Medical Office Building
Excavation Area- Soils
placed in temporary stockpile
area- 700 yds³

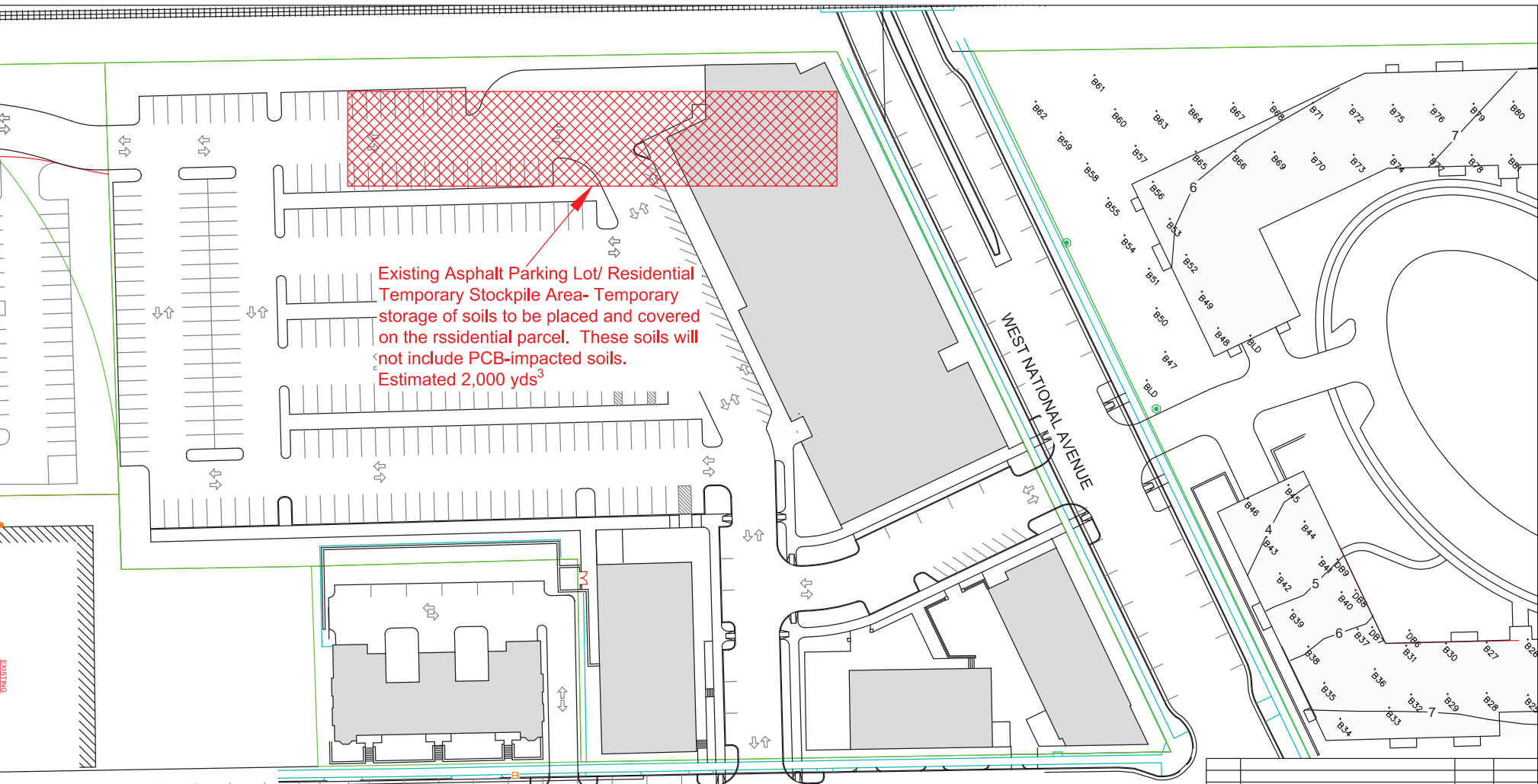
SIX POINTS CROSSING

SIX POINTS CROSSING
(60' R.O.W.)



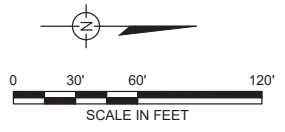
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

NO.	ISSUE/DESCRIPTION	BY	DATE
	MEDICAL OFFICE BUILDING PAD SOIL EXCAVATION AND STOCKPILE AREA		
SIX POINTS CROSSING WEST ALLIS, WISCONSIN			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists 20000 SWENSON DRIVE, SUITE 150 WAUKESHA, WISCONSIN 53186 (262) 764-2550		PREPARED FOR: MANDEL GROUP LLC MILWAUKEE, WISCONSIN	
PROJ MGR: KMH DESIGNED BY: KMH DATE: 02/15/2018	REVIEWED BY: KMH DRAWN BY: KMH PROJECT NO.: 20.0155335	CHECKED BY: SCALE: REVISION NO.:	FIGURE 7 SHEET NO.




Existing Asphalt Parking Lot/ Residential Temporary Stockpile Area- Temporary storage of soils to be placed and covered on the residential parcel. These soils will not include PCB-impacted soils. Estimated 2,000 yds³

SOUTH 66TH STREET
(60' R.O.W.)



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NO.	ISSUE/DESCRIPTION	BY	DATE
RESIDENTIAL PARCEL TEMPORARY STOCKPILE AREA SIX POINTS CROSSING WEST ALLIS, WISCONSIN			
PREPARED BY:  GZA GeoEnvironmental, Inc. Engineers and Scientists 2000 SWENSON DRIVE, SUITE 150 WAUKESHA, WISCONSIN 53186 (262) 764-2550		PREPARED FOR: MANDEL GROUP LLC MILWAUKEE, WISCONSIN	
PROJ MGR: KMH	REVIEWED BY: KMH	CHECKED BY:	FIGURE 8
DESIGNED BY: KMH	DRAWN BY: KMH	SCALE:	SHEET NO.
DATE 02/15/2018	PROJECT NO. 20.0155335	REVISION NO.	



APPENDIX A

LIMITATIONS



LIMITATIONS

Standard of Care

1. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the proposal and/or report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).
2. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state, or federal agency.
3. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the report.

Subsurface Conditions

4. The generalized soil profile(s) provided in our report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata and the transitions between strata may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location, refer to the exploration logs.
5. Water level readings have been made in test holes (as described in the report) and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater, however, occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the report.

Compliance with Codes and Regulations

6. GZA used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various and possibly contradictory interpretations. Interpretations and compliance with codes and regulations by other parties are beyond our control.

Screening and Analytical Testing

7. GZA collected environmental samples at the locations identified in the report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future site activities and uses may result in a requirement for additional testing.
8. Our interpretation of field screening and laboratory data is presented in the report. Unless otherwise noted, GZA relied on the laboratory's quality assurance (QA)/quality control (QC) program to validate these data.
9. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the report.



Interpretation of Data

10. Our opinions are based on available information, as described in the report, and on our professional judgment. Additional observations made over time and/or space may not support the opinions provided in the report.

Additional Information

11. In the event that Client or others authorized to use this report obtain information on environmental or hazardous waste issues at the site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

Additional Services

12. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction and/or property development/ redevelopment at the site. This will allow us the opportunity to:
 - i) observe conditions and compliance with our design concepts and opinions;
 - ii) allow for changes in the event that conditions are other than anticipated;
 - iii) provide modifications to our design; and
 - iv) assess the consequences of changes in technologies and/or regulations.



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GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION
MANAGEMENT

20900 Swenson Drive
Suite 150
Waukesha, WI 53186
T: 262.754.2560
F: 262.754.9711
www.gza.com



May 11, 2018
File No. 20.0155335.10

Mr. Greg Michael, Hydrogeologist
Wisconsin Department of Natural Resources
141 NW Barstow Street, Room 180
Waukesha, Wisconsin 53188



Re: Soil Management Plan Addendum
Former Pressed Steel Tank Co. Property
1445 South 66th Street
West Allis, Wisconsin
BRRS No. 02-41-385114
FID No. 241037940

Mr. Michael:

On May 8, 2018, the Wisconsin Department of Natural Resources (WDNR) NR 718 Committee reviewed the Soil Management Plan, dated March 1, 2018,¹ submitted by GZA GeoEnvironmental, Inc. (GZA) for the above-referenced site. Mr. Greg Michael of the WDNR, informed Mr. Kevin Hedinger of GZA, during a telephone conversation on May 8, 2018, that a Soil Management Plan addendum was requested by the WDNR to provide details to address the following concerns:

1. The polychlorinated biphenyl (PCB) concentration in the sample collected from B-108 (2-4 feet) is 21 milligrams per kilogram (mg/kg), which exceeds the PCB concentration for use of the property for "high occupancy use," as defined by the United States Environmental Protection Agency (USEPA) as an "area where PCB remediation waste has been disposed of on-site and where occupancy for any individual not wearing dermal and respiratory protection for a calendar year is: 840 hours or more for non-porous surfaces and 33 hours or more for bulk PCB remediation waste." This definition includes use of land for residential purposes, as proposed for this site. In accordance with the One Cleanup Program Memorandum of Agreement between the WDNR and the USEPA, the maximum PCB concentration allowable for high occupancy use is 10 mg/kg.
2. Provide information to the WDNR indicating how the development will address the presence of chlorinated volatile organic compounds (CVOCs) in the area around and beneath the proposed building. The soil and groundwater results obtained during the investigation and characterization of the site indicated low levels of CVOCs present in certain areas of the site that are proposed for construction of residential buildings. The proposed development for the property includes a residential building with a below grade, enclosed parking structure beneath the entire building.

¹ Soil Management Plan, Former Pressed Steel Tank Co. Property, 1445 South 66th Street, West Allis, Wisconsin, BRRS No. 02-41-385114, FID No. 241037940, dated March 1, 2018, GZA File No. 20.0155335.10.



PCB Soil Remediation

Soil boring B-108 is located in the northeast corner of the proposed eastern building, as shown on Figure 1. Additional soil samples were collected from borings within approximately 20 feet of this boring (B-109, B-15, B-108, B-111, B-107, and B-12) that delineate the limits of the soil PCB concentrations that exceed 10 mg/kg, the maximum concentration for use of the property for high occupancy use. Based on the soil PCB concentrations, the confirmed limits of this area cover an area of approximately 720 square feet and the excavation is anticipated to be approximately 6 feet deep. The soil excavated from this area is estimated to be approximately 160 cubic yards. Figure 1 shows the limits of the area to be excavated to remove the soil PCB concentrations that exceed 10 mg/kg. The soils within this area will be excavated and transported off-site for disposal at a landfill licensed to accept these soils.

The other PCB soils within the building excavation area are less than 10 mg/kg and will be managed on-site in accordance with the areas identified in the March 1, 2018 Soil Management Plan. Soils in this pan were proposed to be placed beneath an asphalt cap on the medical office building on the northern portion of the property, or beneath a soil cap on the residential parcel.

CVOCs

The soil in the area around and beneath the proposed residential buildings will be excavated to allow for the construction of a below grade, enclosed parking structure. The parking structure is designed to be beneath the entire building. The excavation for the construction of the parking structure will remove soils to a depth of 6 to 8 feet below ground surface, which is proximal to the top of the groundwater surface. In addition, the first-floor elevation for the residential units is designed to be above grade.

The excavations will remove the unsaturated zone source area soils that may contain CVOCs; these soils will be managed on-site beneath a soil cap, as proposed in the Soil Management Plan. The parking structure will be constructed with a ventilation system to remove vehicular carbon monoxide from the structure in accordance with the requirements of Chapter SPS 364.0404. The ventilation requirements in this chapter require the system to operate upon the detection of vehicle traffic and shall operate for at least 5 hours in a 24-hour period at a minimum rate of 0.75 ft³/min/ft². In addition to ventilating the carbon monoxide from the space, it will also mitigate potential vapors from organic compounds that may partition from the subsurface and enter the structure.

This information is being provided as an addendum and is intended to clarify the information presented in the Soil Management Plan dated March 1, 2018. We trust that this information meets WDNR's needs to grant approval of the Soil Management Plan. If you should have any questions regarding this information, please feel free to contact the undersigned at (262) 754-2578 at your convenience.

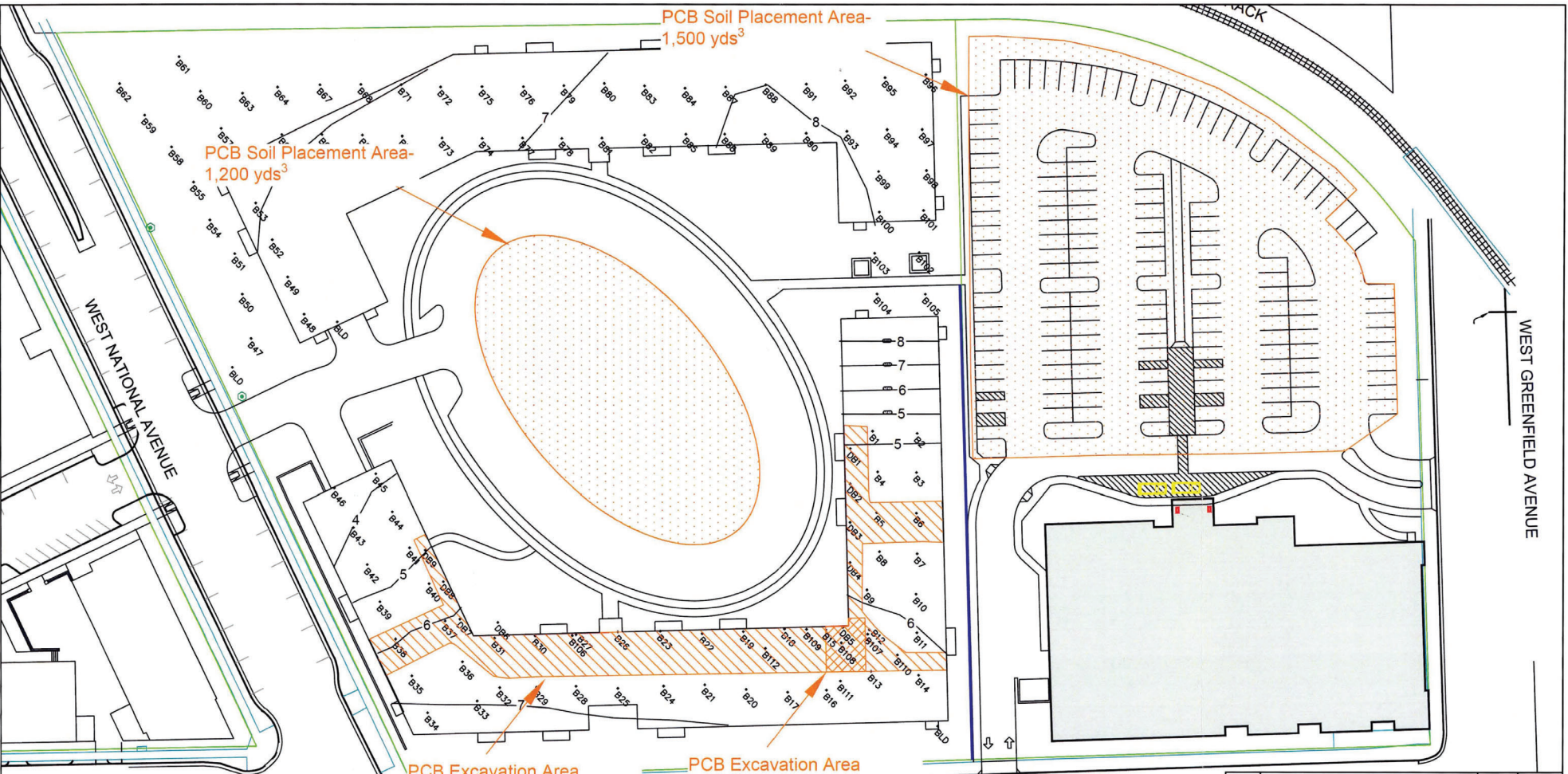
Sincerely,

GZA GeoEnvironmental, Inc.

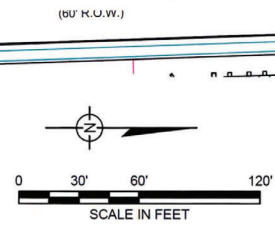
Kevin M. Hedinger
Senior Hydrogeologist

James F. Drought, P.H.
Principal Hydrogeologist

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- SIX POINTS CROSSING**
- Soil Concentrations <10 mg/kg PCB- Soils Managed On-Site Beneath Soil or Asphalt Cap
 - Soil Concentrations >10 mg/kg PCB- Soils Managed Off-Site At Licensed Landfill



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NO.	ISSUE/DESCRIPTION	BY	DATE
PCB SOIL EXCAVATION AND PLACEMENT AREAS			
SIX POINTS CROSSING WEST ALLIS, WISCONSIN			
PREPARED BY: GZA GeoEnvironmental, Inc. <small>Engineers and Scientists 2000 SILVERCORN DRIVE, SUITE 150 WILKESHA, WISCONSIN 53186 (262) 754-2550</small>		PREPARED FOR: MANDEL GROUP LLC MILWAUKEE, WISCONSIN	
PROJ MGR: KMH DESIGNED BY: KMH	REVIEWED BY: KMH DRAWN BY: KMH	CHECKED BY: SCALE:	FIGURE 1
DATE: 02/15/2018	PROJECT NO.: 20.0155335	REVISION NO.:	SHEET NO.:



June 6, 2018

Community Development Authority
City of West Allis
John Stibal
7525 W Greenfield Ave,
West Allis WI 53214

Subject: Approval for Management of Contaminated Material under Wis. Admin. Code § NR 718.12 and/or § NR 718.15
Pressed Steel Tank Co Inc (Former), 1445 S 66th St., West Allis
BRRTS #: 02-41-385114 FID #: 241037940

Dear Mr. Stibal:

On March 15, 2018, GZA GeoEnvironmental, Inc submitted an "Exemption Request Document", for approval under Wis. Admin. Code § NR 718.12 and/or § NR 718.15, to manage contaminated material on the same site from which it was excavated. Supplemental information regarding this request was also provided May 3, 2018. The Department of Natural Resources (DNR) received all applicable technical assistance fees for providing review and response, in accordance with Wis. Admin. Code § NR 749.04(1).

Summary of Proposed Material Management Activities

The City of West Allis Community Development Authority (WACDA) proposes to relocate approximately 16,000 cubic yards of contaminated material from the Former Pressed Steel Tank Co to another location on the same site. WACDA proposes to manage this material, in accordance with Wis. Admin. Code § NR 718.12 and/or § NR 718.15 which exempts the facility from solid waste requirements in Wis. Stats. § 289 and Wis. Admin. Code §§ NR 500 to NR 538. *The Soils are contaminated with low levels of polycyclic Aromatic Hydrocarbons (PAHs) and polychlorinated biphenyl (PCBs). The site will undergo three new redevelopment structures consisting of a medical office building, an apartment complex with underground parking structure and a yet to be determined third building. The soils are to be placed within the center of the courtyard and underneath the parking lots and roadways therefore capped.*

Wis. Admin. Code § NR 718.12 and/or § NR 718.15 Exemption Request

This letter grants an exemption under Wis. Admin. Code § NR 718.12 and/or § NR 718.15 for the proposed material management activities. Approval of the exemption is based on the following:

- 1) Managing contaminated waste material in areas of the site identified on figure 4, titled Direct Contact PAH and VOC soil Excavation and Placement Areas, dated February 15, 2018, of the "Exemption Request Document" will meet the locational criteria listed under Wis. Admin. Code § NR 718.12 (1) (c).
 - Within a floodplain
 - Within 100 feet of a wetland or critical habitat area
 - Within 300 feet of any navigable river, stream, lake, pond or flowage

- Within 100 feet of any on-site water supply well or 300 feet of any off-site water supply well
 - Within 3 feet of the high groundwater level
 - At a depth greater than the depth of the original excavation from which the contaminated soil was removed
 - Where the contaminated soil poses a threat to public health, safety or welfare or the environment.
- 2) Material proposed for excavation from the Pressed Steel Tank Co. is contaminated with VOCs, PAHs, and PCBs. Soil samples have been collected for analysis of all contaminants previously detected or expected to be present at this site based on past land use and from areas most likely to contain residual contamination. Based on an estimated volume of 17,000 yards of material, and a sampling frequency of 1 sample per 300 cubic yards, the sampling protocol described in Wis. Admin. Code § NR 718.12 (1) (e) has been met.
 - 3) A complete soil management plan, as defined by Wis. Admin. Code §§ NR 718.12(2)(b) and (c), has been provided to the DNR.
 - 4) The proposed management of contaminated material at the Site name is expected to meet the criteria of Wis. Admin. Code §§ NR 726.13(1)(b)1 to 5.
 - 5) Documents have been submitted to the DNR that meet the requirements of Wis. Admin. Code § NR 718.12(2)(e) and will be made available on BRRTS on the Web.
 - 6) The DNR was provided with at least 7 days' notice prior to commencing material management activities.
 - 7) The current owners of Pressed Steel Tank acknowledged that continuing obligations described below will be required as a condition of managing the contaminated material on their property.

Continuing Obligations

The current property owner of the Pressed Steel Tank, and any subsequent property owners, must comply with the following continuing obligations, established under Wis. Admin. Code § NR 718.12(2)(d) at this site, to ensure that conditions will remain protective. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter. If these requirements are not followed, the DNR may take enforcement action under Wis. Stat. § 292.11 to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Certain activities are prohibited in areas of this site where maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the DNR must be notified 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 soil cover, parking lots and the medical office building footprint is required, 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 single-family residential use.

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 53226

Residual Soil Contamination:

If contaminated soil managed under this soil management plan is excavated in the future, the property owner at the time of excavation will be responsible for the following:

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

Contaminated soil may be managed in accordance with Wis. Admin. Code § NR 718, with prior DNR approval. In addition, all current and future property owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose a hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans. A historic fill exemption is required prior to construction of any structures over fill materials.

Depending on site-specific conditions, construction over contaminated soils or groundwater may also result in vapor migration of contaminants into enclosed structures or migration along underground utility lines. The potential for vapor intrusion 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.

The extent of residual soil contamination is depicted on figure 4, titled Direct Contact PAH and VOC soil Excavation and Placement Areas., dated February 15, 2018. A copy of this figure is attached to this letter.

Maintenance of a cover:

A soil cover/engineered cover has been placed over remaining contamination and this cover must be maintained. Inspections will be required, and submittal of inspection reports may be required. Certain activities which would disturb the cover or barrier will be prohibited. If the cover is approved for industrial land use notification of the DNR is required before changing to a non-industrial use, to determine if the cover will be protective for that use. A maintenance plan, which describes the maintenance activities to be required. If the DNR requires changes to the maintenance plan, an updated maintenance plan must be provided at the completion of the soil disposal action. A map is attached which shows the location of the extent of contaminated materials and the extent of the cover.

The extent of residual soil contamination is depicted on Figures 2 through 8 in the GZA submittal. Copies of the figures can be accessed by the BRRTS on the web application found here <https://dnr.wi.gov/botw/GetActivityDetail.do?adn=0241385114&crumb=0> under the code 97 technical assist.

This site will be identified on the Remediation and Redevelopment Sites Map (RRSM), available at <http://dnr.wi.gov/topic/Brownfields/wrrd.html>, as having continuing obligations. In addition, this letter and all information submitted with your Wis. Admin. Code § NR 718.12 exemption request, will be made available in Portable Document Format (PDF) on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at <http://dnr.wi.gov/topic/Brownfields/wrrd.html>. All site information is on file at the Regional DNR office located at Waukesha State Office Building 141 NW Barstow St., room 180 Waukesha WI).

DNR approval prior to well construction or reconstruction is required, in accordance with Wis. Admin. Code § NR 812.09(4)(w). 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 at <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>.

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/rr/RR819.pdf>.

Other Information

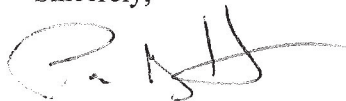
- 1) Any hazardous substance discharge discovered during material management activities must be reported to the DNR following the requirements of Wis. Admin. Code § NR 706.
- 2) Material management activities exempted by this letter are scheduled to be completed within 2 years. Notice should be provided to the DNR if this schedule will change.
- 3) Unless otherwise directed by the DNR, documentation of material management activities shall be provided within 60 days of the completion of this project describing how the activities complied with the approved management plan. The documentation must comply with the requirements of Wis. Admin. Code § NR 724.15(3) and include:
 - a. A cover letter that contains the information required by Wis. Admin. Code § NR 724.05(2)(e)1.
 - b. Owner contact and property location information for the Site name.
 - c. Maps, drawings, and cross sections that depict how soil was managed.
 - d. A synopsis of the work conducted and an explanation as to how it complied with the material management plan and the conditions in this exemption approval.
 - e. A description of any changes made to the planned management activity and an explanation as to why they were necessary for the project.
 - f. Any field observations or results of monitoring conducted during the management activity.
 - g. A description of how new site conditions are protective of human health, safety, welfare and the environment at the Site name.
 - h. A revised cover maintenance plan, if needed.

The DNR reserves the right to request that incomplete documentation be amended as allowed by Wis. Admin. Code § NR 724.07(2).

- 4) This exemption is granted under Wis. Admin. Code § NR 718.12 and/or § NR 718.15 and applies only to the specific activities described within the submitted "Exemption Request Document". Any contaminated material that is excavated or otherwise disturbed at the Pressed Steel Co site, not covered under this or another exemption, must be managed in compliance with the requirements of Wis. Admin. Code §§ NR 500 through NR 538, the solid waste rules administered by the DNR's Waste and Materials Management Program. The management of contaminated material on a property that does not comply with these rules may be considered a hazardous substance discharge and would be required to be addressed following the process outlined in Wis. Admin. Code §§ NR 700 to NR 750.
- 5) Responsible Party, WACDA is responsible for obtaining any local, federal, or other applicable state permits to carry out the project.

We appreciate your efforts to protect the environment at this site. If you have any questions regarding this approval decision, please contact the DNR project manager, Greg Michael at 262.574.2176 or by email at Greg.Michael@wisconsin.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Mylotta', with a long horizontal flourish extending to the right.

Pamela Mylotta
Southeast Team Supervisor
Remediation & Redevelopment Program

Attachments:

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cc: GZA Waukesha Wi office attn: Kevin Hedinger