

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Waukesha Service Center
141 NW Barstow Street
Waukesha WI 53188

Scott Walker, Governor
Kurt A. Thiede, Interim Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay – 711



September 13, 2017

Mr. Ken Brown
Illinois Tool Works, Inc.
3600 West Lake Avenue
Glenview, IL 60025-5811

Mr. Scott Hendricks
Riverbend Development, LLC
525 Third Street, Suite 300
Beloit, WI 53511

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

Subject: Final Case Closure with Continuing Obligations
Former West Bend Company – Area 1, formerly located at 400 Washington St.,
currently properties on Rivershores Dr. and Shore Ln., West Bend, WI
FID# 267004650, BRRTS# 02-67-558358

Dear Messrs. Brown & Hendricks:

The Department of Natural Resources (DNR) considers the Former West Bend Company – Area 1 site closed, with continuing obligations. The site includes the properties with Parcel ID numbers 11191146003, 11191140829 and 11191140830. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you. For residential property transactions, you may be required to make disclosures under s. 709.02, Wis. Stats. Certain continuing obligations also apply to affected property owners or rights-of-way holders. These are identified within each continuing obligation.

This final closure decision is based on the correspondence and data provided, and is issued under chs. NR 726 and 727, Wis. Adm. Code. The Southeast Region Closure Committee reviewed the request for closure on December 8, 2016. The DNR Closure Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. The DNR requested additional information and revision the closure documentation, which was received on August 29, 2017.

This former industrial property had soil and groundwater impacted with chlorinated solvents including trichloroethylene ("TCE") from past manufacturing operations. Responses included soil vapor extraction, chemical injection, soil excavation and monitored natural attenuation. The conditions of closure and continuing obligations required were based on the property being used for commercial and residential purposes.

Continuing Obligations

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

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- One or more monitoring wells were not located and must be properly filled and sealed if found.
- Remaining contamination could result in vapor intrusion if future construction activities occur. Future construction includes expansion or partial removal of current buildings as well as construction of new buildings. Vapor control technologies will be required for occupied buildings, unless the property owner assesses the potential for vapor intrusion, and the DNR agrees that vapor control technologies are not needed.

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

GIS Registry

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at <http://dnr.wi.gov/topic/Brownfields/clean.html>, to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, under the Geographic Information System (GIS) Registry layer, at the same web address.

DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program’s regional water supply specialist. This form can be obtained on-line at <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>.

All site information is also on file at the Southeast Regional DNR office, at 141 NW Barstow Street, Room 180, Waukesha, WI. This letter and information that was submitted with your closure request application, including any maps, can be found as a Portable Document Format (PDF) in BRRTS on the Web.

Closure Conditions

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

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

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

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the **attached map** [Area1 Post-Treatment TCE Concentrations (March 2016), Figure B.3.b, January 26, 2017]. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval. Affected property owners and right-of-way holders were notified of the presence of groundwater contamination. This continuing obligation also applies to the owners of parcels 1191146003, 11191140829, 11191140830 and 1119114831, and the ROW holder for Rivershores Drive northeast of the Townhomes at Rivershores.

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

Soil contamination remains in the locations as indicated on the **attached map** [Residual Soil TCE Concentrations (2010-2012), Figure B.2.b, January 26, 2017]. If soil in the specific locations described above is excavated in the future, the property owner or right-of-way holder at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner or right-of-way holder at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval. This continuing obligation also applies to the owners of parcels 1191146003 and 11191140829, and the ROW holder for Rivershores Drive northeast of the Townhomes at Rivershores.

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

Monitoring Wells that could not be Properly Filled and Sealed (ch. NR 141, Wis. Adm. Code)

Monitoring well MW-1B located on east side of parcel 11191146003 shown and highlighted on the **attached map** [Residual Soil TCE Concentrations (2010-2012), Figure B.2.b, January 26, 2017] could not be properly filled and sealed because it was missing due to being paved over, covered or removed during site development activities. Your consultant made a reasonable effort to locate the well and to determine whether it was properly filled and sealed, but was unsuccessful. You may be held liable for any problems associated with the monitoring well if it creates a conduit for contaminants to enter groundwater. If the groundwater monitoring well is found, the then current owner of the property on which the well is located is required to notify the DNR, to properly fill and seal the well and to submit the required documentation to the DNR. This continuing obligation applies to the owners of parcel 1191146003.

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

Future Concern: Chlorinated volatile organic compounds (VOCs) specifically TCE remain in soil and/or groundwater at the locations, as shown on the **attached maps** [Residual Soil TCE Concentrations (2010-2012), Figure B.2.b, January 26, 2017, and Area1 Post-Treatment TCE Concentrations (March 2016), Figure B.3.b, January 26, 2017], at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. Therefore, before a building is constructed and/or an existing building is modified, the property owner must notify the DNR at least 45 days before the change. Vapor control technologies are required for construction of occupied buildings

unless the property owner assesses the vapor pathway and DNR agrees that vapor control technologies are not needed. This continuing obligation also applies to the owners of parcels 1191146003, 1191140829, 1191140830 and 119114831, and the ROW holder for Rivershores Drive northeast of the Townhomes at Rivershores

General Wastewater Permits for Construction Related Dewatering Activities

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

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

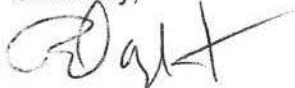
In Closing

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

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats., or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Dave Volkert at (262) 574-2166, or at david.volkert@wisconsin.gov.

Sincerely,



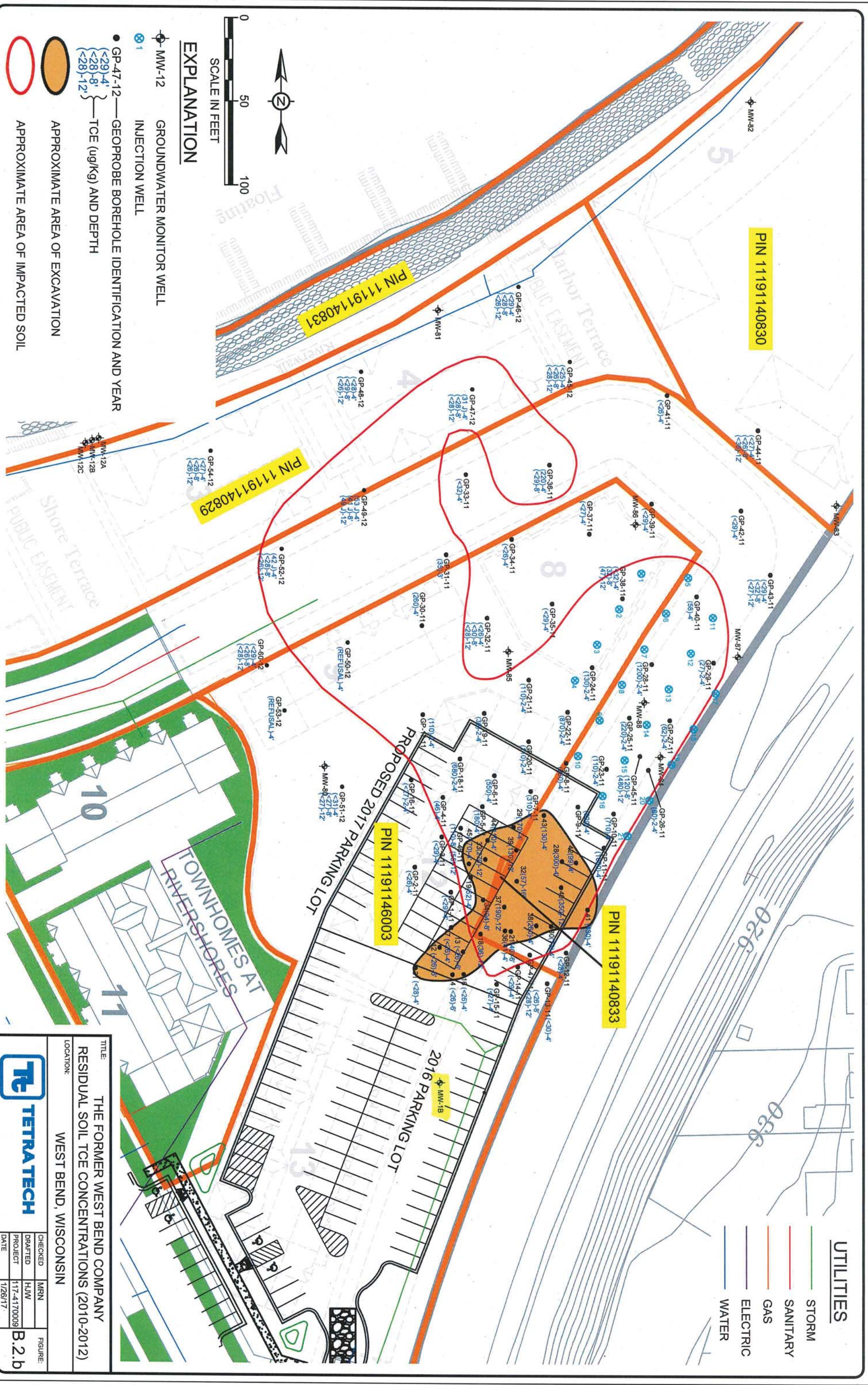
Pam Mylotta
Southeast Region Team Supervisor
Bureau for Remediation & Redevelopment

Attachments:

- Area1 Post-Treatment TCE Concentrations (March 2016), Figure B.3.b, January 26, 2017
- Residual Soil TCE Concentrations (2010-2012), Figure B.2.b, January 26, 2017

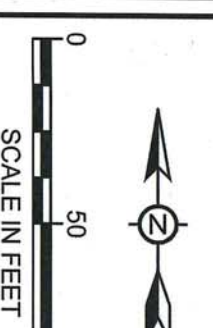
cc: Dan Morgan, Tetra Tech
Max Marechal, City Engineer for City of West Bend
Stephanie Justmann, City Clerk for City of West Bend
DNR SER File

- UTILITIES**
- STORM
 - SANITARY
 - GAS
 - ELECTRIC
 - WATER



EXPLANATION

- ⊕ MW-12 GROUNDWATER MONITOR WELL
- ⊗ INJECTION WELL
- GP-47-12—GEOPROBE BOREHOLE IDENTIFICATION AND YEAR
- {<29-4'> {<28-8'> {<28-12'> } TCE (ug/kg) AND DEPTH
- APPROXIMATE AREA OF EXCAVATION
- APPROXIMATE AREA OF IMPACTED SOIL



S:\CAD\WEST BEND SITE CLOSURE\REV\SI\FIG B.2.B.DWG



TITLE: THE FORMER WEST BEND COMPANY
RESIDUAL SOIL TCE CONCENTRATIONS (2010-2012)

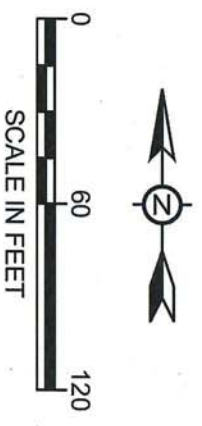
LOCATION: WEST BEND, WISCONSIN

Tetra Tech







CHECKED	MARN	FIGURE:
DRAFTED	HJW	B.2.b
PROJECT	117-4170009	
DATE	1/26/17	

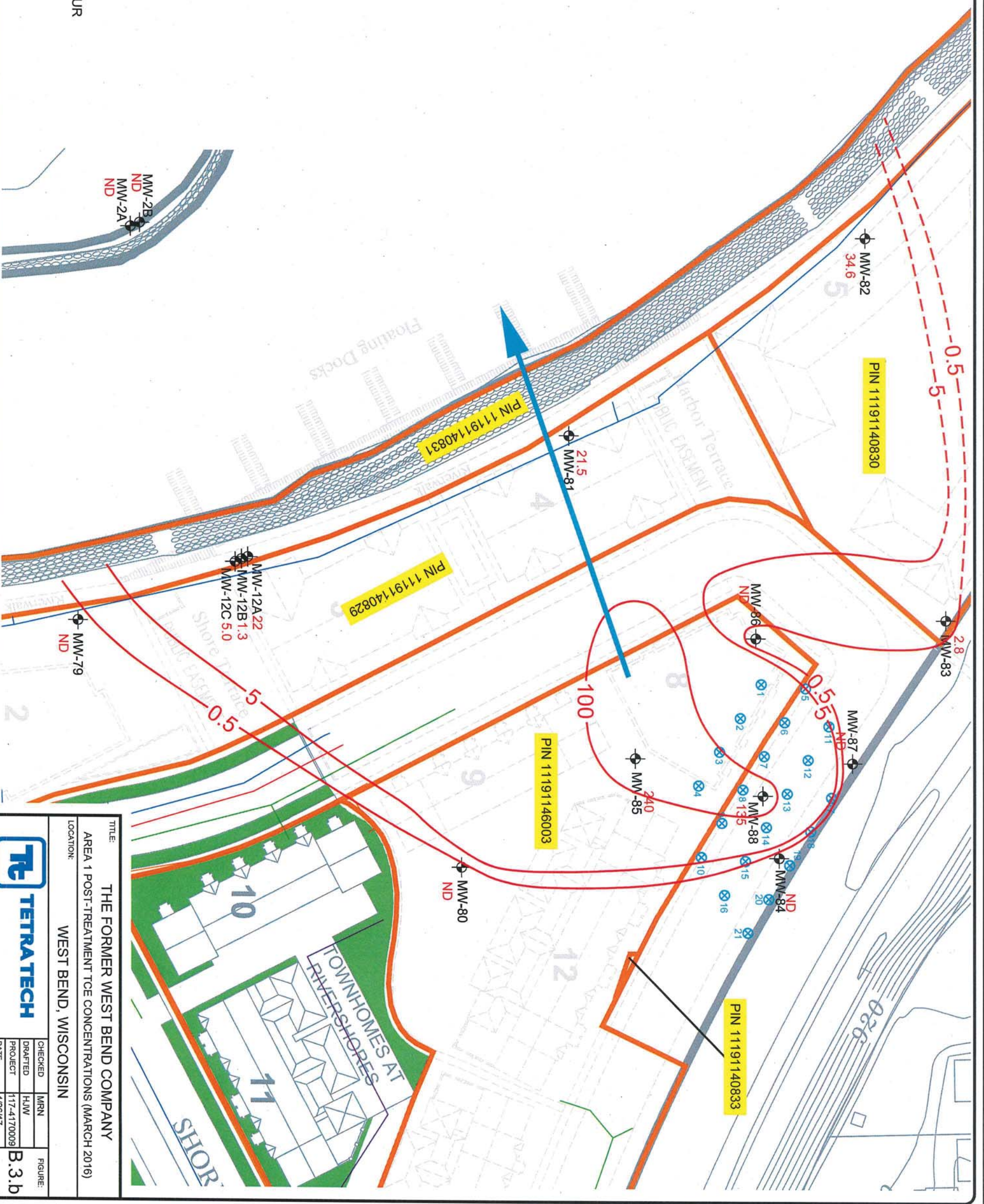
UTILITIES

-  STORM
-  SANITARY
-  GAS
-  ELECTRIC
-  WATER



EXPLANATION

-  MW-12 GROUNDWATER MONITOR WELL
-  1 INJECTION WELL
-  240 TCE (ug/L)
-  ND NOT DETECTED
-  -100- TCE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)
-  GROUNDWATER FLOW DIRECTION



TITLE: THE FORMER WEST BEND COMPANY
 AREA 1 POST-TREATMENT TCE CONCENTRATIONS (MARCH 2016)
 LOCATION: WEST BEND, WISCONSIN

Tetra Tech

CHECKED	MRN	FIGURE:
DRAFTED	HJW	B.3.b
PROJECT	117-4170009	
DATE	1/26/17	

SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

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

Site Information			
BRRTS No. 02-67-558358	VPLE No.		
Parcel ID No. 291.1119.114.6003, 0829, 0830			
FID No. 267004650	WTM Coordinates		
	X 667120	Y 330354	
BRRTS Activity (Site Name) Former West Bend Company Area 1	WTM Coordinates Represent: <input checked="" type="checkbox"/> Source Area <input type="checkbox"/> Parcel Center		
Site Address 4150 Rivershores Drive Acres Ready For Use	City West Bend	State WI	ZIP Code 53090
3			

Responsible Party (RP) Name Mr. Ken Brown (contact person)			
Company Name Illinois Tool Works, Inc.			
Mailing Address 155 Harlem Avenue	City Glenview	State IL	ZIP Code 60025
Phone Number (224) 661-7784	Email kbrown@itw.com		
<input type="checkbox"/> Check here if the RP is the owner of the source property.			
Environmental Consultant Name Daniel L. Morgan			
Consulting Firm Tetra Tech, Inc			
Mailing Address 175 N. Corporate Dr. Suite 100	City Brookfield	State WI	ZIP Code 53045
Phone Number (262) 792-1282	Email dan.morgan@tetrattech.com		

Fees and Mailing of Closure Request

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

<input checked="" type="checkbox"/> \$1,050 Closure Fee	<input checked="" type="checkbox"/> \$300 Database Fee for Soil
<input checked="" type="checkbox"/> \$350 Database Fee for Groundwater or Monitoring Wells (Not Abandoned)	Total Amount of Payment \$ <u>\$1,700.00</u>
	<input type="checkbox"/> Resubmittal, Fees Previously Paid
- Send one paper copy and one e-copy on compact disk of the entire closure package to the Regional Project Manager assigned to your site. Submit as *unbound, separate documents* in the order and with the titles prescribed by this form. For electronic document submittal requirements, see <http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf>.

Site Summary

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

1. General Site Information and Site History

- A. **Site Location:** Describe the physical location of the site, both generally and specific to its immediate surroundings.
3 acre parcel, in the vicinity of the former drum storage area and the former trichloroethene (TCE) above ground storage tank staging area, contains soil and groundwater impacted by VOCs, predominantly TCE and vinyl chloride (VC).
- B. **Prior and current site usage:** Specifically describe the current and historic occupancy and types of use.
Prior usage was industrial. Current use is mixed use development (vacant land).
- C. **Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).**
Current zoning for the property and some adjacent properties is Mixed-Use Development District, other adjacent properties is Residential Single-Family District (RS-4). This was verified from the City of West Bend Zoning Map that can be found in Attachment G.
- D. **Describe how and when site contamination was discovered.**
The WDNR was conducting an investigation of VOC contamination in a nearby municipal well, prior to 1989. Hydro-Search, Inc. (now known as Tetra Tech) conducted the first investigations, in 1989-1990, in response to the WDNR findings.
- E. **Describe the type(s) and source(s) or suspected source(s) of contamination.**
VOCs, primarily Trichloroethene, vinyl chloride and cis-1,2-Dichloroethene.
- F. **Other relevant site description information (or enter Not Applicable).**
Not Applicable
- G. **List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.**
Former West Bend Company Facility Area 1: 02-67-558358 (closed portions further west under BRRTS 02-67-257332)
- H. **List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.**
Former West Bend Company Facility 02-67-257332 (closed portions further west)

2. General Site Conditions

- A. **Soil/Geology**
- i. **Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.**
Minimal topsoil is present. From beneath topsoil to 15 feet below surface grade is poorly graded fine sand, from 15 feet to 25 feet below surface grade is silty clay, sandy silt, silty sand, with the water table at approximately 23 feet.
 - ii. **Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.**
No waste deposits are known to remain on site. Clean imported fill to approximately 20 feet in depth was placed in soil remediation excavations.
 - iii. **Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation.**
Bedrock was not encountered during the investigation.
 - iv. **Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).**
The current surface cover is mostly natural vegetation. To the northwest the ground cover has a mix of old asphalt and gravel (near MW-12A).
- B. **Groundwater**
- i. **Discuss depth to groundwater and piezometric elevations. Describe and explain depth variations, including high and low water table elevation and whether free product affects measurement of water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.**
The groundwater elevation ranges from about 890-900 ft amsl. The highest elevations are to the south, with the lower elevations to the north. The stratigraphic units where the water table is encountered are silty sand, sandy silt, silty clay, silt and sand. No free product is present on site.

- ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.
The groundwater flow direction for this area generally is from south to north to southeast to northwest, towards the Milwaukee River/Barton Pond 219. There are minimal seasonal flow variations.
- iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.
Hydraulic Conductivity: 2×10^{-2} cm/sec; Linear flow velocity: 103 ft/yr; permeability: not obtained by lab analyses as not required to date.
- iv. Identify and describe locations/distance of potable and/or municipal wells within 1200 feet of the site. Include general summary of well construction (geology, depth of casing, depth of screened or open interval).
Municipal wells #4, #11, and #12 are located across the river and north of the site. Please refer to previously filed reports "Hydrogeologic Characterization and Ground-water Quality Assessment (Hydro-Search, Inc., August 10, 1990) and Report Addendum Hydrogeologic Characterization and Ground-water Quality Assessment (Hydro-Search, Inc., December 6, 1990). These reports provide a site history along with geological and hydrogeological information. Also please see UW Extension 2006 Groundwater Flow Model for the City of West Bend, Washington County, Wisconsin, Kenneth R Bradbury and David J. Hart.

3. Site Investigation Summary

A. General

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

Soil and groundwater investigations were first conducted by Hydro-Search, Inc. (now known as Tetra Tech) in 1989 and 1990. These investigations were conducted in response to a Wisconsin Department of Natural Resources (WDNR) investigation of volatile organic compound (VOC) contamination in a nearby municipal well. The results from these investigations are documented in a report entitled Hydrogeologic Characterization and Ground-water Quality Assessment. This report was issued by Hydro-Search, Inc. on August 10, 1990, and provided a site history along with geological and hydrogeological information. It included information about contaminant source areas identified onsite and evaluated remedial alternatives for addressing impacted soil and groundwater. The current Site (Area 1) was only a portion of the Former West Bend Company Facility site included in BRRTS number 02-67-257332. The Former West Bend Company Facility Site (Areas 2-12) was closed in 2012, under BRRTS number 02-67-257332. Area 1 remained a WDNR open case file under BRRTS number 02-67-558358.

A groundwater monitoring program began in 1989, and has occurred regularly since 1995. The results from these sampling events can be viewed in the 4400-194 system operation and maintenance reports prepared semi-annually for submittal to the WDNR.

From 1995 to 2002 a dual extraction system operated in Area 1. The Area 1 dual extraction system was shut down based on contaminant reductions. Groundwater monitoring has continued.

Additional soil and groundwater investigations took place at Area 1 in November 2002 and March 2003.

In 2004, Building G was demolished and a 10,000-gallon UST was uncovered adjacent to Building F. The tank had been filled with concrete and was determined to be impractical to remove. Therefore, a limited excavation was conducted and 115 tons of impacted soils were removed and disposed of at a landfill. Confirmation soils samples indicate diesel range organics (DRO) slightly above NR 720 Residual Contaminant Level (RCL) still remain in the base of the excavation and adjacent to the building foundation.

In 2005, site monitor wells that were not damaged or lost during demolition activities and were no longer required were properly abandoned.

Additional Area 1 soil investigations took place in August 2007 and in February 2009.

Soil excavations took place in 2010 along with soil investigations, with 3,710 tons of soil removed from Area 1 and hauled off-site for landfill disposal.

Additional soil investigations took place in 2012, along with the installation of 7 new monitoring wells in Area 1. A total of 21 injection wells were also installed, and one round KMnO₄ injections took place in November through December, 2012.

In 2014, 3 additional monitoring wells were installed around the Area 1 injection area. A second, and final round of KMnO₄ injections took place in September through October 2014.

Since the final round of injections, quarterly groundwater has continued to take place.

Submitted Reports in WDNR Files:

Soil and Groundwater Investigation - the West Bend Company Facility (March 3, 2003).

Soil and Groundwater Investigation, November 2002 and March 2003 - The West Bend Company Facility (April 18, 2003).

Status Report on Remedial Activities - The Former West Bend Company Facility (June 21, 2005).

Status Report on Remedial Activities - The Former West Bend Company Facility (February 26, 2007).

Status Report on Remedial Activities - The Former West Bend Company Facility (June 3, 2008).

Status Report Post Remediation Monitoring - The Former West Bend Company Facility (January 14, 2010).

Status Report Post Remediation Monitoring - The Former West Bend Company Facility (June 23, 2011).

Status Report #1 with Form 4400-194 (R 1/14) (June 26, 2014).

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

Surface Water

MW-82, MW-81, and MW-12A are located 30-50 feet away from the Milwaukee River. The most recent (March 2016) TCE levels at each well are 34.6 ug/L (MW-82), 21.5 ug/L (MW-81) and 22 ug/L (MW-12A). These TCE levels are below the 50 ug/L TCE monthly average effluent limit for water quality evaluation listed in WPDES Permit No. WI-0046566-6 (May 2012) and well below the NR 105 Table 9 Non-Public Water Supply Warm Water Forage, Limited Forage, and Warm Water Sport Fish Communities TCE criteria of 539 ug/L.

In consideration of total chlorinated VOC (CVOC) discharge, an estimate of contaminant flux into the Milwaukee River was calculated for the remaining site plume. The equations used are provided below.

The average linear groundwater flow velocity (v) = $K * I / n$
 where: K = average site hydraulic conductivity
 i = average hydraulic gradient
 n = porosity

The groundwater plume discharge to the river (Q_{gw}) = $v * A * n$
 where: v = average linear groundwater flow velocity
 A = area normal to flow (plume width * saturated thickness)
 n = porosity

The contaminant flux to the river (C_{flux}) = $C_{avg} * Q_{gw}$
 where: C_{avg} = average groundwater concentration discharging to river
 Q_{gw} = groundwater discharge to river

The average contaminant concentration in the river (C_{sw}) = $C_{flux} / ((.25 * Q_{sw}) + Q_{gw})$
 where: Q_{sw} = low flow for Milwaukee River
 Q_{gw} = groundwater discharge to river from site
 C_{flux} = contaminant flux discharging to river from site

The calculations were completed for the Area 1 groundwater plume discharging to the Milwaukee River. The plume width is approximately 500 feet wide with an estimated total CVOC concentration of approximately 54 ug/L.

The parameters used and the resulting calculations are provided in the following table.

ESTIMATED CONTAMINANT FLUX TO MILWAUKEE RIVER

Parameter Units - Area 1 Plume

Hydraulic Conductivity cm/sec	2 x 10 ⁻²
Hydraulic Gradient ft/ft	0.007
Porosity %	30
Linear Flow Velocity ft/yr	103
Plume Width ft	500

Plume Thickness ft	17
Avg. VOC Concentration ug/L	54
Discharge Area ft ²	8,500
Discharge Flow ft ³ /yr	262,650
Contaminant Flux lb/yr	0.89

The results indicate a contaminant flux of 0.89 pounds per year of total CVOCs or the equivalent of one-tenth gallon of solvent per year. The nearest stream gauge on the Milwaukee River is located in Kewaskum approximately 6 miles upstream of the site. Using the average annual discharge rate at the Kewaskum station of approximately 100 cubic feet per second (flow at West Bend would be much higher) a conservative estimate of the diluted VOC concentration in surface water as a result of the plume discharge is less than 1 ug/L. This is well below NR 105 surface water standards for DCE (14,000 ug/L) and TCE (539 ug/L). Furthermore, once the surface water cascades over the dam at the south end of the site, CVOCs in the surface water would be volatilized.

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

No structural impediments exist on site.

B. Soil

- i. Describe degree and extent of soil contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways.
Following the 2010 excavation and landfill disposal of 3,710 tons of Area 1 contaminated soil, it was calculated based on the then current groundwater TCE soil screening level of 3.4 ug/kg that 31,250 tons, containing approximately 16 pounds of TCE, remained and would require excavation. No further soil excavation was deemed practical (with WDNR concurrence). The remaining contaminated soil is located within the area of the former storage tanks.
- ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column.
In 2011, up to 1,200 ug/kg of TCE was found in the top four feet of soil.
- iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site. This includes a soil performance standard established in accordance with s. NR 720.08, a Residual Contaminant Level (RCL) established in accordance with s. NR 720.10 that is protective of groundwater quality, or an RCL established in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/information in Attachment C.

TCE is the only VOC mapped on Figure B.2.b. (Residual Soil TCE Concentrations (2010-2012)). Almost no other VOCs were found in Area 1 soil samples (occasionally a naphthalene or other VOC at a low level was found, but no VOC of a detected level requiring additional action or consideration).

In 2011, the WDNR white paper - Chapter NR 720 Revisions - Options for Calculating Soil Cleanup Standards - Option 2, was used to derive a soil screening level (SSL), combining ingestion, inhalation, and dermal contact, of 2,820 ug/kg for TCE. This SSL exceeded the highest residual TCE result (1,200 ug/kg at GP-28-11) at Area 1.

Referring to the current WDNR web site PDF version of Soil Residual Contaminant Level Determinations Using the U.S. EPA Regional Screening Level Web Calculator, the Resident Screening Level (RSL) for Soil for TCE is 644 ug/kg. The Composite Worker RSL for Soil for TCE is 8,810 ug/kg. For the Soil-to-GW RSLs, the MCL-Based Screening Level for TCE is 1.79 ug/kg and the Risk-Based Screening Level is .0779 ug/kg.

C. Groundwater

- i. Describe degree and extent of groundwater contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or interception with building foundation drain systems.
The highest remaining concentrations of the indicator contaminant, TCE, are located around monitoring well MW-85 and MW-88, at a concentration of 240 ug/L and 135 ug/L, respectively, during the last sampling event (March 2016). The groundwater contamination in this area has been significantly reduced since the KMnO₄ injections in 2012 and 2014. The greatest reduction in TCE concentrations was at MW-84. The pre-injection TCE concentration at MW-84 was 44,000 ug/L and in March 2016 was non detect. The remaining contaminant plume is approximately 11,000 square feet in size. There are no water supply wells in the direction of groundwater flow. No building foundation drain systems are intercepted by groundwater flow. The Milwaukee River is 250 feet down gradient from MW-85.

- ii. Describe the presence of free product at the site, including the thickness, depth, and locations. Identify the depth and location of the smear zone.
Not applicable - no smear zone due to free product is known to exist at the site.

D. Vapor

- i. Describe how the vapor migration pathway was assessed, including locations where vapor, soil gas, or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.
The vapor migration pathway at the site does not require assessment at this time as the site is open vacant land and there are no receptors.
- ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).
The applicable DNR action levels for the vapor migration pathway cannot be determined at this time as the site is vacant land without any buildings. The current zoning is Mixed Use Development (District), which does not allow a future use to be known with any certainty. As seen on Figure B.2.b., the faint gray lines indicating possible future residential structures on the southern portion of the site have been replaced with parking lots (2016 now being constructed and proposed 2017). Any applicable DNR action levels for the vapor migration pathway will not be known until future residential or commercial buildings are set for construction.

E. Surface Water and Sediment

- i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.
There are no surface water bodies on site. The Milwaukee River/Baton Pond 219 borders the site, however VOC levels reaching the surface water by groundwater flow should not exceed surface water standards (see 3.A.ii. above for the surface water discussion). Sediment was not assessed and is not relevant at Area 1.
- ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.
For surface water see 3.A.ii. above. Sediment action levels are not relevant at Area 1.

4. Remedial Actions Implemented and Residual Levels at Closure

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

Historically there was a dual-phase extraction system (Leg 2 and Leg 3) located on the property which operated from 1995-2002. The dual-phase extraction system, Legs 2 and 3, was shut down in 2002 due to contaminant reduction. It was abandoned in 2005 as part of site redevelopment activities. In the Fall of 2010, 3,710 tons of contaminated soil were excavated and hauled off-site for certified landfill disposal. Two rounds of KMnO4 injections took place, Fall 2012 and Fall 2014.

- B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.
No immediate or interim actions were taken at the site under ch NR 708.

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

A dual-phase extraction system operated (Leg 2 and Leg 3) at Area 1 from 1995-2002. In the Fall of 2010, 3,710 tons of contaminated soil were excavated and hauled off-site for disposal. Two rounds of KMnO4 injections took place, Fall 2012 and Fall 2014. Both forms of remediation were located at the southern portion of the Site.

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

In selecting KMnO4 injection (In-Situ Chemical Oxidation) for Area 1, it was compared to Groundwater Pump and Treat for evaluation of the NR 722.09 Green and Sustainable Remediation criteria:

NR 722.09(2m)(a) (a) Total energy use and the potential to use renewable energy - The KMnO4 application events each were completed in a two month time frame using a single 30 KVA portable generator. A groundwater pump and treat system would have operated for several years using 480V three phase power. Renewable energy of the short term high voltage loads for the two remediation options considered was not a viable option.

NR 722.09(2m)(b) (b) The generation of air pollutants, including particulate matter and greenhouse gas emissions - the four total month operational time frame for the KMnO4 injections minimized air pollutants, particulate matter, and greenhouse gas emissions. The single pollution source was the diesel generator running eight hours per day.

NR 722.09(2m)(c) (c) Water use and the impacts to water resources - clean potable water from a City fire hydrant was required to maximize the clean delivery of KMnO4 to the contaminated groundwater. Only the volume of clean water required for the 2% KMnO4 application was used. The cleanup of the contaminated groundwater plume reduced any contaminant mass migrating to the nearest water resource, the Milwaukee river, improving surface water quality.

NR 722.09(2m)(d) (d) The future land use and enhancement of ecosystems, including minimizing unnecessary soil and habitat disturbance and destruction - cessation of contaminated soil excavation and landfill disposal in 2011 reduced site disturbance without hindering any potential future site use. The short term in-situ method of groundwater treatment minimized site disturbance and did not alter the ecosystem of site.

NR 722.09(2m)(e) (e) Reducing, reusing, and recycling materials and wastes, including investigative or sampling wastes - The use of in-situ groundwater treatment did not generate any wastes beyond PPE for disposal. All KMnO4 drums and pallets were recycled. Investigative and sampling wastes were verified as non-hazardous and re-used on site.

NR 722.09(2m)(f) (f) Optimizing sustainable management practices during long-term care and stewardship - The soil and groundwater remediation at Area 1 was completed successfully with the goal of the site end use being mixed use re-development. The only future requirement for residual soil contamination is that for residential building construction, soil management occur and the vapor intrusion pathway be investigated and mitigated (if necessary). The only future requirement for residual groundwater contamination is that any use of site groundwater be approved by the WDNR (the site is on a municipal water supply).

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

Residual soil TCE contamination as indicated on Figure B.2.b will remain on the source property; an area of approximately 11,000 square feet to depths of 12 feet as indicated by soil sample data.

The highest remaining groundwater concentrations of contaminants is TCE. TCE was found at monitoring wells MW-85 and MW-88, at a concentration of 240 ug/L and 135 ug/L, respectively, during the last sampling event (March 2016). This area has been significantly reduced since the KMnO4 injections in 2012 and 2014. The greatest reduction in TCE concentrations was at MW-84 (pre-treatment 8/29/12 TCE level of 44,000 ug/L to 3/23/16 TCE level of <33.1 ug/L). The remaining contaminant plume is approximately 11,000 square feet in size. A City of West Bend owned parcel along the river is between Area 1 and the river. No other affected properties are present.

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

Referring to the current WDNR web site (<http://dnr.wi.gov/Brownfields/Professionals.html>), under the Soil RCLs tab, under 2., macro-enabled, the non-industrial RCL for TCE is indicated as 1,260 ug/kg. No residual (2011) site soil samples within four feet of ground surface (the direct contact zone) exceed 1,260 ug/kg. Volatilization and degradation since 2011 have likely reduced the residual TCE levels in soil. No residual soil contamination exceeds RCLs for protection of human health from direct contact.

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

Soils within the area shown on Figure B.2.b contain TCE in levels above the Soil-to-GW RSLs; the MCL-Based Screening Level for TCE being 1.79 ug/kg and the Risk-Based Screening Level being .0779 ug/kg.

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

It is proposed, but not yet constructed, that a paved parking lot be placed over the remaining impacted area. Future development may require proper soil handling and disposal and addressing the vapor intrusion pathway, but this is not known at this time.

- I. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration (e.g., stable or receding groundwater plume).
Decreasing TCE levels at site monitor wells are occurring as the result of KMnO4 injection events and natural attenuation. Viewing Figure B.3.b and Table A.1a, monitor wells MW-84, MW-86, and MW-87 show steep TCE declines likely due to the nearby injection well network. Monitor wells MW-12A, MW-12B, MW-12C, MW-2A, MW-2B, MW-80, MW-81, and MW-82 show gradual TCE declines over time. Monitor well MW-79 is a side gradient well. Monitor wells MW-83 and MW-85 show stable TCE trends. Monitor well MW-88 indicated a steep trend with the most recent TCE sample result indicating bounce-back, however still at a decline from pretreatment levels.

In addition, the surface water analyses in 3.A.ii. above indicates any TCE migrating to the Milwaukee River is below the relevant surface water standards.

The data supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration.

- J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).
Site soils no longer pose a direct contact hazard. The soil to groundwater pathway is expected to be remediated by natural attenuation. The remaining TCE in groundwater is expected to be remediated by natural attenuation. The vapor intrusion pathway does not pose a hazard at this time as the site is vacant.
- K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.
No system hardware will be left in place after site closure (all monitor wells and injection wells will be abandoned per WDNR guidelines).
- L. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.
Although on site monitor wells show TCE levels above the PAL and ES, and groundwater flow may result in TCE above the ES and PAL migrating to the Milwaukee River, the surface water receptor analyses in 3.A.ii. above indicates that any TCE in groundwater leaving the site will not adversely affect the Milwaukee River.
- M. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.
No DNR action levels for vapor intrusion have been exceeded at the site as no buildings or structures are present for a vapor intrusion assessment to take place.
- N. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.
As noted in 3.A.i above, the surface water contaminant concentration after remediation for VOCs reaching the Milwaukee River is less than 1 ug/L. This is well below NR 105 surface water standards for DCE (14,000 ug/L) and TCE (539 ug/L). Sediment contaminant concentrations after remediation are not a factor at the site as sediment is not a media of concern. No DNR action levels for surface water or sediment were exceeded at the site.

5. Continuing Obligations: Situations where sites, including all affected properties and rights-of-way (ROWs), are included on the DNR's GIS Registry. In certain situations, maintenance plans are also required, and must be included in Attachment D.

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

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

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

6. Underground Storage Tanks

- A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action? Yes No
- B. Do any upgraded tanks meeting the requirements of ch. ATCP 93, Wis. Adm. Code, exist on the property? Yes No
- C. If the answer to question 6.B. is yes, is the leak detection system currently being monitored? Yes No

General Instructions

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

Data Tables (Attachment A)**Directions for Data Tables:**

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

A. Data Tables

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

Maps, Figures and Photos (Attachment B)**Directions for Maps, Figures and Photos:**

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

B.1. Location Maps

- B.1.a. Location Map:** A map outlining all properties within the contaminated site boundaries on a United States Geological Survey (U.S.G.S.) topographic map or plat map in sufficient detail to permit easy location of all affected and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.
- B.1.b. Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for all affected properties, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination attaining or exceeding a ch. NR 140 ES, and/or in relation to the boundaries of soil contamination attaining or exceeding a RCL. Provide parcel identification numbers for all affected properties.
- B.1.c. RR Sites Map:** From RR Sites Map ([http://dnrmaps.wi.gov/si/?Viewer=RR Sites](http://dnrmaps.wi.gov/si/?Viewer=RR%20Sites)) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

B.2. Soil Figures

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

B.3. Groundwater Figures

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

B.4. Vapor Maps and Other Media

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

B.5. Structural Impediment Photos:

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

Documentation of Remedial Action (Attachment C)**Directions for Documentation of Remedial Action:**

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

Maintenance Plan(s) and Photographs (Attachment D)**Directions for Maintenance Plans and Photographs:**

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

D.1. Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required:

- Provide brief descriptions of the type, depth and location of residual contamination.

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

Monitoring Well Information (Attachment E)

Directions for Monitoring Well Information:

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

Select One:

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

Source Legal Documents (Attachment F)

Directions for Source Legal Documents:

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

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

Notifications to Owners of Affected Properties (Attachment G)

Directions for Notifications to Owners of Affected Properties:

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

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

Include a copy of each notification sent and accompanying proof of delivery, i.e., return receipt or signature confirmation. (These items will not be placed on the GIS Registry.)

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

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

Signatures and Findings for Closure Determination

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

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

Engineering Certification

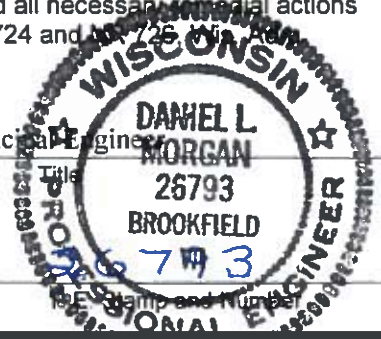
I Daniel L. Morgan hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this case closure request has been prepared by me or prepared under my supervision in accordance with the Rules of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

Daniel L. Morgan
Printed Name

Principal Engineer
Title

Daniel L. Morgan
Signature

8-25-2017
Date



Hydrogeologist Certification

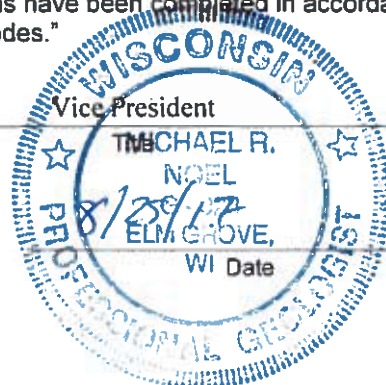
I Michael R. Noel hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared by me or prepared by me or prepared under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

Michael R. Noel
Printed Name

Vice President
Title

Michael R. Noel
Signature

Signature



A.1 Groundwater Analytical Table

A1a. Area 1 Groundwater Sample Analytical Results (8 pages)

A1.b Area 1 Historic Groundwater Sample Analytical Results (8 pages)

A1.c 2010 Area 1 Grab Groundwater Sample Analytical Results (1 page)

Table A1a. Area 1 Groundwater Sample Analytical Results
 ITW West Bend Closure Report
 BRRTS #: 02-67-558358

		1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Bromomethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total
Well ID	NR140 ES	5	850	7	480*	480*	5	10	NS	6	3	70	700	NS	100	NS	NS	NS	NS	NS	5	1000	100	5	NS	0.2	10000
	NR140 PAL	0.5	85	0.7	96*	96*	0.5	1	NS	0.6	0.3	7	140	NS	10	NS	NS	NS	NS	NS	0.5	200	20	0.5	NS	0.02	1000
MW-12A	09/20/07	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	0.3	<0.20	3.8	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	130.0	<0.50	<0.20	<0.50
MW-12A	12/17/07	Dry																									
MW-12A	04/02/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	0.5	<0.50	<0.20	<0.50
MW-12A	07/10/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	1.0	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	140	<0.50	<0.20	<0.50
MW-12A	12/10/08	<u>0.60 J</u>	<1.0	<1.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<0.60	3.3 J	<1.0	<0.40	<0.50	<0.40	<1.0	<0.40	<0.50	<0.40	<1.0	<1.0	<1.0	1200	<1.0	<0.40	<1.0
MW-12A	04/13/09	<5.0	<10.0	<10.0	<4.0	<4.0	<4.0	<10.0	<4.0	<4.0	<6.0	12.0	<10.0	<4.0	<5.0	<4.0	<10.0	<4.0	<5.0	<4.0	<10.0	<10.0	<10.0	1200	<10.0	<4.0	<10.0
MW-12A	07/16/09	<5.0	<10.0	<10.0	<4.0	<4.0	<4.0	<10.0	<4.0	<4.0	<6.0	<10.0	<10.0	<4.0	<5.0	<4.0	<10.0	<4.0	<5.0	<4.0	<10.0	<10.0	<10.0	1800	<10.0	<4.0	<10.0
MW-12A	10/07/09	<2.5	<5.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<3.0	<3.0	<5.0	<2.0	<2.5	<2.0	<5.0	<2.0	<2.5	<2.0	<5.0	<5.0	<5.0	860	<5.0	<2.0	<5.0
MW-12A	01/26/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.50	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	9	<0.50	<0.20	<0.50
MW-12A	04/13/10	<2.0	<4.0	<4.0	<1.6	<1.6	<1.6	<4.0	<1.6	<1.6	<2.4	<4.0	<4.0	<1.6	<1.6	<4.0	<1.6	<1.6	<1.6	<1.6	<4.0	<4.0	<4.0	580	<4.0	<1.6	<4.0
MW-12A	07/26/10	<2.5	<5.0	<5.0	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<3.0	5.3 J	<5.0	<2.0	<2.5	<2.0	<5.0	<2.0	<2.5	<2.0	<5.0	<5.0	<5.0	2100	<5.0	<2.0	<5.0
MW-12A	10/13/10	<6.3	<13	<13	<5.0	<5.0	<5.0	<13	<5.0	<5.0	<0.30	<13	<13	<5.0	<6.3	<5.0	<13	<5.0	<6.3	<5.0	<13	<13	<13	1400	<13	<5.0	<13
MW-12A	05/15/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<0.12	<0.13	<0.14	<0.16	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	<0.17	510	<0.19	<0.10	<0.068
MW-12A	08/29/12	<0.56	<0.38	<0.62	<0.28	<0.36	<0.15	<0.62	<0.28	<0.40	<0.36	5.2	<0.26	<0.28	<0.32	<0.26	<0.26	<0.34	<0.30	<0.28	<0.34	<0.22	<0.50	1500	<0.38	<0.20	<0.14
MW-12A	01/30/13	<0.42	<0.76	<0.56	<0.96	<0.84	<0.40	<0.91	<0.4	<1.3	<0.24	8.2	<0.54	<0.60	<0.88	<0.92	<0.8	<0.68	<0.88	<0.89	<0.44	<0.68	<0.88	483	<0.8	<0.18	<1.8
MW-12A	05/13/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.50	<0.43	<0.36	<0.69	<0.39	1.5	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	62	<0.48	<0.18	<0.82
MW-12A	09/24/13	<7.8	<5.7	<8.4	<10	<10	<10	<8.6	<7.2	<13.8	<7.8	<8.4	<10	<6.8	<5.0	<8.0	<10	<7.9	<12.1	<8.5	<9.4	<8.8	<7.4	1190	<9.5	<3.7	<16.3
MW-12A	12/19/13	<1.9	<1.4	<2.1	<2.5	<2.5	<2.5	<2.1	<1.8	<3.4	<1.9	2.6 J	<2.5	<1.7	<12.5	<2.0	<2.5	<2.0	<3.0	<2.1	<2.4	<2.2	<1.9	446	<2.4	<0.92	<4.1
MW-12A	03/17/14	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	<0.42	<0.5	<0.34	<2.5	<0.4	<0.5	<0.4	<0.6	<0.42	<0.47	<0.44	<0.37	18	<0.48	<0.18	<0.82
MW-12A	05/29/14	<0.16	<0.18	<0.41	<0.5	<0.5	<0.5	<2.4	<0.5	<2.5	<0.5	0.91 J	<0.5	<0.12	<2.5	<0.5	<0.5	<0.5	<2.2	<0.18	<0.5	<0.5	<0.24	113	<0.17	<0.18	<1
MW-12A	08/28/14	<0.16	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	1.6	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.34 J	99	<0.17	<0.18	<1.5
MW-12A	12/29/14	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	1.3	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	86	<0.18	<0.18	<1.5
MW-12A	03/05/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	1.1	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	72	<0.18	<0.18	<1.5
MW-12A	06/09/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	0.61 J	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	53	<0.18	<0.18	<1.5
MW-12A	10/08/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	0.75 J	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	74	<0.18	<0.18	<1.5
MW-12A	12/14/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-12A	03/22/16	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	0.72 J	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	22.3	<0.18	<0.18	<1.5
MW-12B	09/20/07	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	94	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	1.5	15	<0.50	1.0	<0.50
MW-12B	12/17/07	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	62	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	1.1	6.8	<0.50	1.3	<0.50
MW-12B	04/02/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	80	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	1.6	9.6	<0.50	1.7	<0.50
MW-12B	07/10/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	74	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	1.2	5.6	<0.50	1.0	<0.50
MW-12B	12/11/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	120	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	2.2	7.5	<0.50	2.8	<0.50
MW-12B	04/13/09	<0.50	<1.0	<1.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<0.60	94	<1.0	<0.40	<0.50	<0.40	<1.0	<0.40	<0.50	<0.40	<1.0	<1.0	1.9	13.0	<1.0	0.9	<1.0
MW-12B	07/16/09	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	110	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	2.3	31.0	<0.50	1.6	<0.50
MW-12B	10/07/09	<0.50	<1.0	<1.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<0.60	97	<1.0	<0.40	<0.50	<0.40	<1.0	<0.40	&								

Table A1a. Area 1 Groundwater Sample Analytical Results
 ITW West Bend Closure Report

BRRTS #: 02-67-558358		1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Bromomethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total	
Well ID	NR140 ES NR140 PAL	5 0.5	850 85	7 0.7	480* 96*	480* 96*	5 0.5	10 1	NS NS	6 0.6	3 0.3	70 7	700 140	NS NS	100 10	NS NS	NS NS	NS NS	NS NS	NS NS	5 0.5	1000 200	100 20	5 0.5	NS NS	0.2 0.02	10000 1000	
MW-12B	12/19/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	0.61 J	77.3	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	1.6	<u>2.1</u>	<0.48	13.6	<0.82	
MW-12B	03/17/14	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	50.1	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	0.95 J	0.68 J	<0.48	<0.18	<0.82	
MW-12B	06/02/14	<0.16	<0.18	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	85.7	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.44	1.3	<u>3.1</u>	<0.17	7.8	<1.5	
MW-12B	08/28/14	<0.16	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	83.6	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.44	1.5	<u>3.6</u>	<0.17	13.0	<1.5	
MW-12B	12/29/14	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>40.3</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.83 J	0.49 J	<0.18	16.6	<1.5	
MW-12B	03/05/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>40.7</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.68 J	0.46 J	<0.18	10.3	<1.5	
MW-12B	06/09/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>64.6</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	1.0	<u>1.5</u>	<0.18	9.6	<1.5	
MW-12B	10/08/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>38.7</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	1.2	<0.33	<0.18	35.9	<1.5	
MW-12B	12/14/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>31.5</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.68 J	<0.33	<0.18	16.6	<1.5	
MW-12B	03/22/16	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>60.8</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	1.0	<u>1.3</u>	<0.18	11.4	<1.5	
MW-12C	09/20/07	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<u>7.2</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	0.3	<0.50	11	<0.50	0.4	<0.50	
MW-12C	12/17/07	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<u>8.6</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	10	<0.50	0.6	<0.50	
MW-12C	04/02/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	6.1	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	10	<0.50	<0.20	<0.50	
MW-12C	07/10/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<u>6.7</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	11	<0.50	<0.20	<0.50	
MW-12C	12/10/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.30	<u>7.7</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	7.0	<0.50	0.3	<0.50	
MW-12C	04/13/09	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>8.3</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	0.6	<u>4.8</u>	<0.50	0.3	<0.50
MW-12C	07/16/09	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>9.7</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	0.9	5.5	<0.50	0.3	<0.50
MW-12C	10/07/09	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>6.5</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	0.8	<u>3.5</u>	<0.50	<0.20	<0.50
MW-12C	01/26/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>7.4</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	<0.50	8.8	<0.50	<0.20	<0.50
MW-12C	04/13/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>6.6</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	<0.50	6.7	<0.50	<0.20	<0.50
MW-12C	07/26/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>6.6</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	<0.50	8.5	<0.50	<0.20	<0.50
MW-12C	10/13/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>7.2</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	1.5 J	3.0	<0.50	<0.20	<0.50
MW-12C	05/15/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>7.1</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	7.4	<0.19	<0.10	<0.068	
MW-12C	08/29/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>6.7</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	6.5	<0.19	<0.10	<0.068	
MW-12C	01/30/13	<0.42	<0.75	<0.57	<0.97	<0.83	<0.41	<0.91	<0.41	<1.3	<0.24	6.9	<0.54	<0.59	<0.89	<0.93	<0.81	<0.67	<0.67	<0.97	<0.45	<0.67	<0.89	6.8	<0.79	<0.18	<1.8	
MW-12C	05/13/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.50	<0.43	<0.36	<0.69	<0.39	6.6	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	6.6	<0.48	<0.18	<0.82	
MW-12C	09/24/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	4.7	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	6.3	<0.48	<0.18	<0.82	
MW-12C	12/19/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	0.80 J	5.2	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	0.52 J	5.3	<0.48	<0.18	<0.82	
MW-12C	03/17/14	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	5.6	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	0.99 J	<u>4.4</u>	<0.48	<0.18	<0.82	
MW-12C DUP	03/17/14	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	5.4	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	0.8 J	4.6	<0.48	<0.18	<0.82	
MW-12C	06/02/14	<0.16	<0.18	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	6.5	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.39 J	6.3	<0.17	<0.18	<1.5	
MW-12C	08/28/14	<0.16	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	5.9	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.34 J	6.0	<0.17	<0.18	<1.5	
MW-12C	12/29/14	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	5.5	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.35 J	5.7	<0.18	0.30 J	<1.5	
MW-12C	03/05/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	5.0	<0.50	<0.14	<2.5	<0.50	<0											

Table A1a. Area 1 Groundwater Sample Analytical Results
 ITW West Bend Closure Report

BRRTS #: 02-67-558358		1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Bromomethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total
Well ID		NR140 ES 5 0.5	850 85	7 0.7	480* 96*	480* 96*	5 0.5	10 1	NS NS	6 0.6	3 0.3	70 7	700 140	NS NS	100 10	NS NS	NS NS	NS NS	NS NS	NS NS	5 0.5	1000 200	100 20	5 0.5	NS NS	0.2 0.02	10000 1000
MW-2A	07/26/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>7.4</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	9.0	<0.50
MW-2A	10/13/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>10.0</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	9.2	<0.50
MW-2A	05/15/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>3.7</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	<0.19	<0.19	0.67	<0.068
MW-2A	08/29/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>5.6</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	<0.19	<0.19	2.4	<0.068
MW-2A	01/29/13	<0.42	<0.75	<0.57	<0.97	<0.83	<0.41	<0.91	<0.41	<1.3	<0.24	<u>4.1</u>	<0.54	<0.59	<0.89	<0.93	<0.81	<0.67	<0.67	<0.97	<0.45	<0.67	<0.89	<0.48	<0.79	<0.18	<1.8
MW-2A	05/13/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.50	<0.43	<0.36	<0.69	<0.39	<u>3.1</u>	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.43	<0.48	<0.18	<0.82
MW-2A	09/24/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<u>0.49 J</u>	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.36	<0.48	<0.18	<0.82
MW-2A	12/19/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<u>1</u>	<0.42	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.36	<0.48	<0.18	<0.82
MW-2A	03/17/14	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	<u>1 J</u>	<0.5	<0.34	<2.5	<0.4	<0.5	<0.4	<0.6	<0.42	<0.47	<0.44	<0.37	<0.36	<0.48	<0.18	<0.82
MW-2A	06/02/14	<0.16	<0.18	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>3.2</u>	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.24	<0.33	<0.17	2.2	<1.5
MW-2A	08/28/14	<0.16	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>2</u>	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.24	<0.33	<0.17	1.2	<1.5
MW-2A	12/29/14	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>1.6</u>	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	1.4	<1.5
MW-2A	03/06/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>3.7</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	3.4	<1.5
MW-2A	06/08/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>1.4</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	1.1	<1.5
MW-2A	10/09/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>2.9</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	2.4	<1.5
MW-2A	12/16/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>1.3</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.53 J	<0.33	<0.18	1.2	<1.5
MW-2A	03/22/16	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>4.2</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	2.4	<1.5
MW-2B	09/20/07	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<u>28</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	0.7	<u>4.0</u>	<0.50	2.0	<0.50
MW-2B	12/17/07	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<u>28</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	0.7	<u>2.9</u>	<0.50	2.2	<0.50
MW-2B	04/02/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<u>21</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.50	<u>1.6</u>	<0.50	1.4	<0.50
MW-2B	07/10/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<u>26</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	0.8	<u>2.1</u>	<0.50	2.0	<0.50
MW-2B	12/10/08	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>20</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<u>2.1</u>	<0.50	2.9	<0.50
MW-2B	04/14/09	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>29</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.6	<u>0.9</u>	<0.50	3.1	<0.50
MW-2B	07/16/09	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>25</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<u>2.1</u>	<0.50	4.6	<0.50
MW-2B	10/07/09	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>23</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.6	<u>1.5</u>	<0.50	3.0	<0.50
MW-2B	01/26/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>27</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.86 J	<u>1.4</u>	<0.50	2.5	<0.50
MW-2B	04/13/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>24</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.76 J	<u>1.8 J</u>	<0.50	1.6 J	<0.50
MW-2B	07/26/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>22</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.75 J	<u>1.4 J</u>	<0.50	1.6 J	<0.50
MW-2B	10/13/10	<0.25	<0.50	<0.50	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.30	<u>20</u>	<0.50	<0.20	<0.25	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.80 J	<u>0.77 J</u>	<0.50	2.4	<0.50
MW-2B	05/15/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>22</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	<0.19	<0.19	2.2	<0.068
MW-2B	08/29/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>23</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	0.71 J	<u>0.53</u>	<0.19	1.7	<0.068
MW-2B	01/29/13	<0.42	<0.75	<0.57	<0.97	<0.83	<0.41	<0.91	<0.41	<1.3	<0.24	<u>20.6</u>	<0.54	<0.59	<0.89	<0.93	<0.81	<0.67	<0.67	<0.97	<0.45	<0.67	<0.89	<0.48	<0.79	1.8	<1.8
MW-2B	05/13/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.5	<0.43	<0.36	<0.69	<0.39	<u>22.0</u>	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.43	<0.48	1.9	<0.82
MW-2B	09/24/13	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	<u>16.9</u>	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	0.45 J	<0.48	1.4	<0.82
MW-2B	12/19/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<u>19.1</u>	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	0.55 J	0.41 J	<0.48	1.8	<0.82
MW-2B	03/17/14	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	<u>19.7</u>	<0.5	<0.34	<2.5	<0.4	<0.5	<0.4	<0.6	<0.42	<0.47	<0.44	0.69 J	<0.36	<0.48	1.3	<0.82
MW-2B	06/02/14	<0.16	<0.18	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>18.6</u>	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.29 J	<0.33	<0.17	1.8	<1.5
MW-2B	08/28/14																										

Table A1a. Area 1 Groundwater Sample Analytical Results
ITW West Bend Closure Report

BRRS #: 02-67-558358		1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Bromomethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total
Well ID		5	850	7	480*	480*	5	10	NS	6	3	70	700	NS	100	NS	NS	NS	NS	NS	5	1000	100	5	NS	0.2	10000
	NR140 PAL	0.5	85	0.7	96*	96*	0.5	1	NS	0.6	0.3	7	140	NS	10	NS	NS	NS	NS	NS	0.5	200	20	0.5	NS	0.02	1000
MW-79	05/13/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.50	<0.43	<0.36	<0.69	<0.39	<0.42	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.43	<0.43	<0.18	<0.82
MW-79	09/24/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<0.42	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.36	<0.48	<0.18	<0.82
MW-79	09/24/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<0.42	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.36	<0.48	<0.18	<0.82
MW-79	12/19/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<0.42	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.36	<0.48	<0.18	<0.82
MW-79	03/17/14	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	<0.42	<0.5	<0.34	<2.5	<0.4	<0.5	<0.4	<0.6	<0.42	<0.47	<0.44	<0.37	0.85 J	<0.48	<0.18	<0.82
MW-79	06/02/15	<0.16	<0.18	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.24	<0.33	<0.17	<0.18	<1.5
MW-79	08/28/14	<0.16	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.17	<0.18	<1.5
MW-79	12/29/14	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.35 J	<0.33	<0.18	<0.18	<1.5
MW-79	03/05/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-79	06/09/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-79	10/09/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-79	12/15/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-79	03/22/16	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-80	05/15/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<0.12	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	<u>1.2</u>	<0.19	<0.10	<0.068
MW-80	08/29/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<0.12	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	<u>0.9</u>	<0.19	<0.10	<0.068
MW-80	01/29/13	<0.42	<0.75	<0.57	<0.97	<0.83	<0.41	<0.91	<0.41	<1.3	<0.24	<0.83	<0.54	<0.59	<0.89	<0.93	<0.81	<0.67	<0.67	<0.97	<0.45	<0.67	<0.89	<u>1.0</u>	<0.79	<0.18	<1.8
MW-80	05/15/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.50	<0.43	<0.36	<0.69	<0.39	<0.42	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.43	<0.43	<0.18	<0.82
MW-80	09/23/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<0.42	<0.50	<0.34	<2.5	<0.4	<0.5	<0.4	<0.6	<0.42	<0.47	<0.44	<0.37	0.44 J	<0.48	<0.18	<0.82
MW-80	12/19/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<u>1</u>	<0.42	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<0.36	<0.48	<0.18	<0.82
MW-80	03/17/14	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	<0.42	<0.5	<0.34	<2.5	<0.4	<0.5	<0.4	<0.6	<0.42	<0.47	<0.44	<0.37	0.43 J	<0.48	<0.18	<0.82
MW-80	05/29/14	<0.16	<0.18	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.24	<0.33	<0.17	<0.18	<1.5
MW-80	09/03/14	<0.16	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.24	0.39 J	<0.17	<0.18	<1.5
MW-80	12/30/14	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-80	03/06/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	16.2	<0.18	<0.18	<1.5
MW-80	06/08/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-80	10/08/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-80	12/16/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	0.37 J	<0.18	<0.18	<1.5
MW-80	03/23/16	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<0.33	<0.18	<0.18	<1.5
MW-81	05/15/12	<0.28	<0.19	<0.31	<0.14	<0.18	0.3 J	<0.31	<0.14	<0.20	<0.18	<u>31</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	0.42 J	<0.25	50	<0.19	0.8	<0.068
MW-81	08/29/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>56</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	39	<0.19	<0.10	<0.068
MW-81	01/30/13	<0.42	<0.75	<0.57	<0.97	<0.83	<0.41	<0.91	<0.41	<1.3	<0.24	138	<0.54	<0.59	<0.89	<0.93	<0.81	<0.67	<0.67	<0.97	<0.45	<0.67	<0.89	45.7	<0.79	<0.18	<1.8
MW-81	05/15/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.50	<0.43	<0.36	<0.69	<0.39	<u>57.1</u>	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	29.7	<0.43	<0.18	<0.82
MW-81	09/24/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<u>49.5</u>	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	34.7	<0.48	<0.18	<0.82
MW-81	12/19/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	73.1	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	25.5	<0.48	<0.18	<0.82
MW-81	03/17/14	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	179	<0.5	<0.34	<2.5	<0.4	<0.5	<0.4	<0.6	<0.42	<0.47	<0.44	0.39 J	28.6	<0.48	<0.18	<0.82
MW-81	05/29/14	<0.16	<0.18	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.24	21.2	<0.17	<0.18	<1.5
MW-81	09/03/14	<0.16	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>50.1</u>	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.35 J	24.4	<0.17	<0.18	<1.5
MW-81																											

Table A1a. Area 1 Groundwater Sample Analytical Results
 ITW West Bend Closure Report

BRRTS #: 02-67-558358		1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Bromomethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total
Well ID		5	850	7	480*	480*	5	10	NS	6	3	70	700	NS	100	NS	NS	NS	NS	NS	5	1000	100	5	NS	0.2	10000
	NR140 PAL	0.5	85	0.7	96*	96*	0.5	1	NS	0.6	0.3	7	140	NS	10	NS	NS	NS	NS	NS	0.5	200	20	0.5	NS	0.02	1000
MW-82	05/15/12	<0.28	<0.19	<u>1.2</u>	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>43</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	1.8	130	<0.19	1.0	<0.068
MW-82	08/29/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>20</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	31	<0.19	<0.10	<0.068
MW-82	01/29/13	<0.42	<0.75	<0.57	<0.97	<0.83	<0.41	<0.91	<0.41	<1.3	<0.24	<u>58.6</u>	<0.54	<0.59	<0.89	<0.93	<0.81	<0.67	<0.67	<0.97	<0.45	<0.67	<0.89	64.5	<0.79	1.8	<1.8
MW-82	05/15/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.50	<0.43	<0.36	<0.69	<0.39	<u>41.1</u>	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	1.3	61.1	<0.43	1.4	<0.82
MW-82	09/23/13	<0.39	<0.28	0.61 J	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<u>25.3</u>	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	0.54 J	69.7	<0.48	4.5	<0.82
MW-82	12/19/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<u>13.5</u>	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	0.41 J	31.9	<0.48	2.2	<0.82
MW-82	03/17/14	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	<u>9.4</u>	<0.5	<0.34	<2.5	<0.4	<0.5	<0.4	<0.6	<0.42	<0.47	<0.44	<0.37	13.6	<0.48	1.7	<0.82
MW-82	05/29/14	<0.16	<0.18	0.64 J	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>37.4</u>	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	1.8	56	<0.17	2.1	<1.5
MW-82	09/03/14	<0.16	<0.24	0.74 J	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>27.5</u>	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	1.1	78.8	<0.17	1.5	<1.5
MW-82	12/30/14	<0.20	<0.24	0.43 J	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>13.4</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	32.1	<0.18	3.1	<1.5
MW-82	03/06/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>13.4</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	21.4	<0.18	<0.18	<1.5
MW-82	06/08/15	<0.20	<0.24	0.53 J	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>24.8</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	1.3	45.9	<0.18	2.5	<1.5
MW-82	10/08/15	<0.20	<0.24	0.55 J	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>8.6</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.95 J	11.5	<0.18	6.4	<1.5
MW-82	12/16/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>30.5</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.66 J	29.6	<0.18	2.5	<1.5
MW-82	03/23/16	<0.20	<0.24	0.44 J	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<u>22.4</u>	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	1.4	34.6	<0.18	1.3	<1.5
MW-83	05/15/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<0.12	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	<u>1.6</u>	<0.19	<0.10	<0.068
MW-83	08/29/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<0.12	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	<u>2.9</u>	<0.19	<0.10	<0.068
MW-83	01/30/14	<0.42	<0.75	<0.57	<0.97	<0.83	<0.41	<0.91	<0.41	<1.3	<u>1.7</u>	<0.83	<0.54	<0.59	<0.89	<0.93	<0.81	<0.67	<0.67	<0.97	<0.45	<0.67	<0.89	<u>3.4</u>	<0.79	<0.18	<1.8
MW-83	05/14/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.5	<0.43	<0.36	<0.69	<0.39	<0.42	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<u>3.1</u>	<0.43	<0.18	<0.82
MW-83	09/24/13	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	<0.42	<0.5	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<u>1.9</u>	<0.48	<0.18	<0.82
MW-83	12/19/13	<0.39	<0.28	<0.43	<0.50	<0.50	<0.50	<0.43	<0.36	<0.69	<0.39	<0.42	<0.50	<0.34	<2.5	<0.40	<0.50	<0.40	<0.60	<0.42	<0.47	<0.44	<0.37	<u>2.0</u>	<0.48	<0.18	<0.82
MW-83	03/17/14	<0.39	<0.28	<0.43	<0.5	<0.5	<0.5	<0.43	<0.36	<0.69	<0.39	<0.42	<0.5	<0.34	<2.5	<0.4	<0.5	<0.4	<0.6	<0.42	<0.47	<0.44	<0.37	<u>2.4</u>	<0.48	<0.18	<0.82
MW-83	05/30/14	<0.16	<0.18	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.24	<u>4.6</u>	<0.17	<0.18	<1.5
MW-83	08/28/14	<0.16	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.12	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.24	<u>4.8</u>	<0.17	<0.18	<1.5
MW-83	12/29/14	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<u>3.3</u>	<0.18	<0.18	<1.5
MW-83	03/06/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<u>3.1</u>	<0.18	<0.18	<1.5
MW-83	06/09/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<u>4.2</u>	<0.18	<0.18	<1.5
MW-83	10/09/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<u>3.9</u>	<0.18	<0.18	<1.5
MW-83	12/15/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<u>2.5 J</u>	<0.50	<2.5	<u>1.4</u>	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<u>4.5</u>	<0.18	<0.18	<1.5
MW-83	03/23/16	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	<u>2.8</u>	<0.18	<0.18	<1.5
MW-84	05/15/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	<u>15 J</u>	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	17 J	<0.11	<0.25	30000	<0.19	<0.10	<0.068
MW-84	08/29/12	<14	<9.5	<16	<7	<9	<3.7	<16	<7	<10	<9	<u>45 J</u>	<6.5	<7	<8	<6.5	<6.5	<8.5	<7.5	<7	<8.5	<5.5	<13	44000	<9.5	<5	<3.4
MW-84	01/29/13	Presence of KMnO4 (Purple Water)																									
MW-84	05/15/13	Presence of KMnO4 (Purple Water)																									
MW-84	09/23/13	Presence of KMnO4 (Purple Water)																									
MW-84	12/19/13	<39	<28.5	<42.7	<50	<50	<50	<43	<35.8	<68.9	<38.8	<41.9	<50	<34.1	<250	<40	<50	<39.7	<60.5	<42.4	<47.2	<43.9	<37.1	11800	<47.7	<18.5	<81.7
MW-84	03/17/14	<39	<28.5	<42.7	<50	<50	<50	<43	<																		

Table A1a. Area 1 Groundwater Sample Analytical Results
ITW West Bend Closure Report

BRRTS #: 02-67-558358		1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Bromomethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total
Well ID		5	850	7	480*	480*	5	10	NS	6	3	70	700	NS	100	NS	NS	NS	NS	NS	5	1000	100	5	NS	0.2	10000
	NR140 PAL	0.5	85	0.7	96*	96*	0.5	1	NS	0.6	0.3	7	140	NS	10	NS	NS	NS	NS	NS	0.5	200	20	0.5	NS	0.02	1000
MW-85	05/15/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	1.8	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	<0.25	220	<0.19	<0.10	<0.068
MW-85	08/29/12	<0.28	<0.19	<0.31	<0.14	<0.18	<0.074	<0.31	<0.14	<0.20	<0.18	4.2	<0.13	<0.14	<0.16	<0.13	<0.13	<0.17	<0.15	<0.14	<0.17	<0.11	0.77 J	330	<0.19	<0.10	<0.068
MW-85	01/29/13	<0.42	<0.75	<0.57	<0.97	<0.83	<0.41	<0.91	<0.41	<1.3	<0.24	<825	<0.54	<0.59	<0.89	<0.93	<0.81	<0.67	<0.67	<0.97	<0.45	<0.67	<0.89	193	<0.79	<0.18	<1.8
MW-85	05/15/13	<0.40	<0.28	<0.43	<0.57	<2.5	<0.5	<0.43	<0.36	<0.69	<0.39	<425	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<3.75	216	<0.43	<0.18	<0.82
MW-85 DUP	05/15/13	<0.39	<0.28	<0.43	<0.57	<2.5	<0.5	<0.43	<0.36	<0.69	<0.39	<425	<0.50	<0.34	<2.5	<0.40	<0.5	<0.40	<0.60	<0.42	<0.47	<0.44	<3.75	207	<0.43	<0.18	<0.82
MW-85	09/23/13	<1.9	<1.4	<2.1	<2.5	<2.5	<2.1	<1.8	<3.4	<1.9	4.3 J	2.5	<1.7	<12.5	<2.0	<2.5	<2.0	<3.0	<2.1	<2.4	<2.2	<1.9	540	<2.4	<0.92	<4.1	
MW-85	12/19/13	<0.97	<0.71	<1.1	<1.2	<1.2	<1.2	<1.1	<0.90	<1.7	<0.97	<1.0	<1.2	<0.85	<6.2	<1.0	<1.2	<0.99	<1.5	<1.1	<1.2	<1.1	1.1 J	369	<1.2	<0.46	<2.0
MW-85 DUP	12/19/13	<0.97	<0.71	<1.1	<1.2	<1.2	<1.2	<1.1	<0.90	<1.7	<0.97	<1.0	<1.2	<0.85	<6.2	<1.0	<1.2	<0.99	<1.5	<1.1	<1.2	<1.1	<0.93	355	<1.2	<0.46	<2.0
MW-85	03/17/14	<0.97	<0.71	<1.1	<1.2	<1.2	<1.2	<1.1	<0.9	<1.7	<0.97	2.1 J	<1.2	<0.85	<6.2	<1	<1.2	<0.99	<1.5	<1.1	<1.2	<1.1	<0.93	471	<1.2	<0.46	<2
MW-85	05/29/14	<0.39	<0.60	<1.0	<1.2	<1.2	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	<0.29	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.59	217	<0.43	<0.44	<3.7
MW-85	09/03/14	<0.39	<0.60	<1.0	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	2.4 J	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	253	<0.43	<0.44	<3.7
MW-85 DUP	09/03/14	<0.39	<0.60	<1.0	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	2.0 J	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	258	<0.43	<0.44	<3.7
MW-85	12/30/14	<0.49	<0.60	<1.0	<1.2	<1.2	<1.2	<1.2	<1.2	<6.2	<1.2	2.3 J	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	286	<0.46	<0.44	<3.7
MW-85 DUP	12/30/14	<0.49	<0.60	<1.0	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	2.6	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	254	<0.46	<0.44	<3.7
MW-85	03/06/15	<0.49	<0.60	<1.0	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	1.1 J	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	227	<0.46	<0.44	<3.7
MW-85 DUP	03/06/15	<0.49	<0.60	<1.0	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	1.1 J	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	225	<0.46	<0.44	<3.7
MW-85	06/08/15	<0.49	<0.60	<1.0	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	1.3 J	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	212	<0.46	<0.44	<3.7
MW-85 DUP	06/08/15	<0.49	<0.60	<1.0	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	0.98 J	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	232	<0.46	<0.44	<3.7
MW-85	10/08/15	<0.49	<0.60	<1.0	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	1.3 J	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	245	<0.46	<0.44	<3.7
MW-85 DUP	10/08/15	<0.49	<0.60	<1.0	<1.2	<1.2	<1.2	<6.1	<1.2	<6.2	<1.2	1.3 J	<1.2	<0.36	<6.2	<1.2	<1.2	<1.2	<5.5	<0.45	<1.2	<1.2	<0.64	248	<0.46	<0.44	<3.7
MW-85	12/16/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	2.0	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.41 J	284	<0.18	<0.18	<1.5
MW-85 DUP	12/16/15	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	1.8	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	0.27 J	274	<0.18	<0.18	<1.5
MW-85	03/23/16	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	1.0 J	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	240	<0.18	<0.18	<1.5
MW-85 DUP	03/23/16	<0.20	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	0.90 J	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	248	<0.18	<0.18	<1.5
MW-86	08/13/14	<0.16	<0.24	<0.41	<0.50	<0.50	<0.50	<2.4	<0.50	<2.5	<0.50	<0.26	<0.50	<0.14	<2.5	<0.50	<0.50	<0.50	<2.2	<0.18	<0.50	<0.50	<0.26	108	<0.18	<0.18	<1.5
MW-86	12/30/14	<98.7	<121	<205	<250	<250	<1220	<250	<1250	<250	<128	<250	<71.7	<1250	<250	<250	<250	<1090	<90.2	<250	<250	<128	<165	<92.5	<87.8	<750	
MW-86	03/09/15	<9.9	<12.1	<20.5	<25	<25	<122	<25	<125	<25	<12.8	<25	<7.2	<125	<25	<25	<25	<109	<9.0	<25	<25	<1.8	<16.5	<9.2	<8.8	<75	
MW-86	06/09/15	<19.7	<24.2	<41.0	<50	<50	<243	<50	<250	<50	<25.6	<50	<14.3	<250	<50	<50	<50	<219	<18	<50	<50	<25.7	<33.1	<18.5	<17.6	<150	
MW-86	10/09/15	<19.7	<24.2	<41.0	<50	<50	<243	<50	<250	<50	<25.6	<50	<14.3	<250	<50	<50	<50	<219	<18	<50	<50	<25.7	<33.1	<18.5	<17.6	<150	
MW-86	12/16/15	<19.7	<24.2	<41.0	<50	<50	<243	<50	<250	<50	<25.6	<50	<14.3	<250	<50	<50	<50	<219	<18	<50	<50	<25.7	<33.1	<18.5	<17.6	<150	
MW-86	03/22/16	<19.7	<24.2	<41.0	<50	<50	<243	<50	<250	<50	<25.6	<50	<14.3	<250	<50	<50	<50	<219	<18	<50	<50	<25.7	<33.1	<18.5	<17.6	<150	
MW-87	08/13/14	<1.6	<2.4	<4.1	<5.0	<5.0	<24.3	<5.0	<25	<5.0	<2.6	<5.0	<1.4	<25	<5.0	<5.0	<5.0	<21.9	<1.8	<5.0	<5.0	<2.6	608	<1.7	<1.8	<15	
MW-87	12/30/14	<197	<242	<410	<500	<500	<2430	<500	<2500	<500	<256	<500	<143	<2500	<500	<500	<500	<2190	<180	<500	<500	<257	<331	<185	<176	<1500	
MW-87	03/06/15	<49.3	<60.4	<103	<125	<125	<609	<125	<625	<125	<64.0	<125	<35.8	<625	<125	<125	<125	<547	<45.1	<125	<125	<64.1	<82.7	<46.2	<43.9	<375	
MW-87	06/09/15	<19.7	<24.2	<41.0	<50	<50	<243	<50	<250	<50	<25.6	<50	<14.3	<250	<50	<50	<50	<219	<18	<50	<50	<25.7	<33.1	<18.5	<17.6	<150	
MW-87	10/09/15	<1.6	<2.4	<4.1	<5.0	<5.0	<24.3	<5.0	<25	<5.0	<2.6	<5.0	<1.4	<25	<5.0	<5.0	<5.0	<21.9	<1.8	<5.0	<5.0	<2.6	3.6 J	<1.7	<1.8	<15	
MW-87	12/15/15	<9.9	<12.1	<20.5	<25.0	<25.0	<122	<25.0	<125	<25.0	<12.8	<25.0	<7.2	<125	<25.05	<25.0	<25.0	<109	<9.0	<25.0	<25.0	<12.8	<16.5	<9.2	<8.8	<75.0	
MW-87	03/22/16	<19.7	<24.2	<41.0	<50	<50	<243	<50	<250	<50	<25.6	<50	<14.3	<250	<50	<50	<50	<219	<18	<50	<50	<25.7	<33.1	<18.5	<17.6	<150	
MW-88	08/13/14	<0.31	<0.48	<0.82	<1.0	<1.0	<1.0	<4.9	<1.0	<5.0	<1.0	<0.51	<1.0	<0.29	<5.0	<1.0	<1.0	<1.0	<4.4	<0.36	1.7 J	<1.0	<0.51	12.6	<0.34	<0.35	<3.0
MW-88	12/30/14	<2.0	<2.4																								

Table A1a. Area 1 Groundwater Sample Analytical Results
ITW West Bend Closure Report

BRRS #: 02-67-558358		1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Bromomethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total
Well ID		5	850	7	480*	480*	5	10	NS	6	3	70	700	NS	100	NS	NS	NS	NS	NS	5	1000	100	5	NS	0.2	10000
	NR140 PAL	0.5	85	0.7	96*	96*	0.5	1	NS	0.6	0.3	7	140	NS	10	NS	NS	NS	NS	NS	0.5	200	20	0.5	NS	0.02	1000
IW-1	11/13/12	< 21	< 37.5	< 28.5	< 48.5	< 41.5	< 20.5	< 45.5	< 20.5	< 65	< 12	< 41.5	< 27	< 29.5	< 44.5	< 46.5	< 40.5	< 33.5	< 44.5	< 48.5	< 22.5	< 33.5	< 44.5	8060	< 39.5	< 9	< 90
IW-1	03/26/14	< 38.9	< 40.7	< 103	< 125	< 125	< 125	< 609	< 125	< 625	< 125	< 64	< 125	< 29.1	< 625	< 55.9	< 125	< 31.7	< 547	< 45.1	< 125	< 125	< 59.5	< 82.7	< 43.1	< 43.9	< 250
IW-1	05/30/14	< 0.16	< 0.18	< 0.41	< 0.5	< 0.5	< 0.5	< 2.4	< 0.5	< 2.5	< 0.5	< 0.26	< 0.5	< 0.12	< 2.5	< 0.5	< 0.5	< 0.5	< 2.2	< 0.18	< 0.5	< 0.5	< 0.24	8	< 0.17	< 0.18	< 1
IW-1	09/03/14	< 0.17	< 0.48	< 0.82	< 1.0	< 1.0	< 1.0	< 4.9	< 1.0	< 5.0	< 1.0	< 0.51	< 1.0	< 0.29	< 5.0	< 1.0	< 1.0	< 1.0	< 4.4	< 0.36	< 1.0	< 1.0	< 0.47	< 0.66	< 0.34	< 0.35	< 3.0
IW-2	11/13/12	< 16.8	< 30	< 22.8	< 38.8	< 33.2	< 16.4	< 36.4	< 16.4	< 52	< 9.6	< 33.2	< 21.6	< 23.6	< 35.6	< 37.2	< 32.4	< 26.8	< 35.6	< 38.8	< 18	< 26.8	< 35.6	2580	< 31.6	< 7.2	< 72
IW-3	11/13/12	< 8.4	< 15	< 11.4	< 19.4	< 16.6	< 8.2	< 18.2	< 8.2	< 26	< 4.8	< 16.6	< 10.8	< 11.8	< 17.8	< 18.6	< 16.2	< 13.4	< 17.8	< 19.4	< 9	< 13.4	< 17.8	795	< 15.8	< 3.6	< 36
IW-4	11/13/12	< 2.1	< 3.8	< 2.8	< 4.8	< 4.2	< 2	< 4.6	< 2	< 6.5	< 1.2	< 4.2	< 2.7	< 3	< 4.4	< 4.6	< 4	< 3.4	< 4.4	< 4.8	< 2.2	< 3.4	< 4.4	350	< 4	< 0.9	< 9
IW-4	03/26/14	< 0.62	< 0.65	< 1.6	< 2	< 2	< 2	< 9.7	< 2	< 10	< 2	1.8 J	< 2	< 0.47	< 10	< 0.9	< 2	< 0.51	< 8.7	< 0.72	< 2	< 2	< 0.95	386	< 0.69	< 0.7	< 4
IW-4	05/30/14	< 0.62	< 0.73	< 1.6	< 2	< 2	< 2	< 9.7	< 2	< 10	< 2	< 1	< 2	< 0.47	< 10	< 2	< 2	< 2	< 8.7	< 0.72	< 2	< 2	< 0.95	289	< 0.69	< 0.7	< 4
IW-4	09/03/14	< 0.62	< 0.97	< 1.6	< 2.0	< 2.0	< 2.0	< 9.7	< 2.0	< 10	< 2.0	2.5 J	< 2.0	< 0.57	< 10	< 2.0	< 2.0	< 2.0	< 8.7	< 0.72	< 2.0	< 2.0	< 1.0	315	< 0.69	< 0.70	< 6.0
IW-4	09/09/15	< 9.9	< 12.1	< 20.5	< 25.0	< 25.0	< 25.0	< 122	< 25.0	< 125	< 25.0	< 12.8	< 25.0	< 7.2	< 125	< 25.0	< 25.0	< 25.0	< 109	< 9.0	< 25.0	< 25.0	< 12.8	< 16.5	< 9.2	< 8.8	< 75.0
IW-4	12/15/15	< 2.0	< 2.4	< 4.1	< 5.0	< 5.0	< 5.0	< 24.3	< 5.0	< 25.0	< 5.0	< 2.6	< 2.6	< 1.4	< 25.0	< 5.0	< 5.0	< 5.0	< 21.9	< 1.8	< 5.0	< 5.0	< 2.6	< 3.3	< 1.8	< 1.8	< 15.0
IW-5	11/13/12	< 21	< 37.5	< 28.5	< 48.5	< 41.5	< 20.5	< 45.5	< 20.5	< 65	< 12	< 41.5	< 27	< 29.5	< 44.5	< 46.5	< 40.5	< 33.5	< 44.5	< 48.5	< 22.5	< 33.5	< 44.5	3410	< 39.5	< 9	< 90
IW-6	11/13/12	< 21	< 37.5	< 28.5	< 48.5	< 41.5	< 20.5	< 45.5	< 20.5	< 65	< 12	< 41.5	< 27	< 29.5	< 44.5	< 46.5	< 40.5	< 33.5	< 44.5	< 48.5	< 22.5	< 33.5	< 44.5	3400	< 39.5	< 9	< 90
IW-6	09/09/15	< 19.7	< 24.2	< 41.0	< 50.0	< 50.0	< 50.0	< 243	< 50.0	< 250	< 50.0	< 25.6	< 50.0	< 14.3	< 250	< 50.0	< 50.0	< 50.0	< 219	< 18.0	< 50.0	< 50.0	< 25.7	< 33.1	< 18.5	< 17.6	< 150
IW-6	12/15/15	< 2.0	< 2.4	< 4.1	< 5.0	< 5.0	< 5.0	< 24.3	< 5.0	< 25.0	< 5.0	< 2.6	< 2.6	< 1.4	< 25.0	< 5.0	< 5.0	< 5.0	< 21.9	< 1.8	< 5.0	< 5.0	< 2.6	< 3.3	< 1.8	< 1.8	< 15.0
IW-7	11/13/12	< 16.8	< 30	< 22.8	< 38.8	< 33.2	< 16.4	< 36.4	< 16.4	< 52	< 9.6	< 33.2	< 21.6	< 23.6	< 35.6	< 37.2	< 32.4	< 26.8	< 35.6	< 38.8	< 18	< 26.8	< 35.6	2710	< 31.6	< 7.2	< 72
IW-7	03/26/14	< 1.6	< 1.6	< 4.1	< 5	< 5	< 5	< 24.3	< 5	< 25	< 5	8.9 J	< 5	< 1.2	< 25	< 2.2	< 5	< 1.3	< 21.9	< 1.8	< 5	< 5	< 2.4	1920	< 1.7	< 1.8	< 10
IW-7	05/30/14	< 3.1	< 3.7	< 8.2	< 10	< 10	< 10	< 48.7	< 10	< 50	< 10	< 5.1	< 10	< 2.3	< 50	< 10	< 10	< 10	< 43.7	< 3.6	< 10	< 10	< 4.8	1330	< 3.4	< 3.5	< 20
IW-7	09/03/14	< 7.8	< 12.1	< 20.5	< 25	< 25	< 25	< 122	< 25	< 125	< 25	< 12.8	< 25	< 7.2	< 125	< 25	< 25	< 25	< 109	< 9.0	< 25	< 25	< 12.8	< 16.5	< 8.6	< 8.8	< 75
IW-8	11/13/12	< 8.4	< 15	< 11.4	< 19.4	< 16.6	< 8.2	< 18.2	< 8.2	< 26	< 4.8	< 16.6	< 10.8	< 11.8	< 17.8	< 18.6	< 16.2	< 13.4	< 17.8	< 19.4	< 9	< 13.4	< 17.8	887	< 15.8	< 3.6	< 36

Only compounds detected are shown
All units in ug/L
NR 140 ES = Enforcement Standard
NR 140 PAL = Preventive Action Limit
Bold value exceeds ES
Underlined value exceeds PAL
KMNO4 Injection November December 2012

Table A1a. Area 1 Groundwater Sample Analytical Results
ITW West Bend Closure Report

BRRS #: 02-67-558358		1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzene	Bromomethane	Chlorobenzene	Chloroform	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butylbenzene	n-Propylbenzene	p-Isopropyltoluene	sec-Butylbenzene	tert-Butylbenzene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride	Xylenes, Total
Well ID		NR140 ES	5	850	7	480*	480*	5	10	NS	6	3	70	700	NS	100	NS	NS	NS	NS	5	1000	100	5	NS	0.2	10000
		NR140 PAL	0.5	85	0.7	96*	96*	0.5	1	NS	0.6	0.3	7	140	NS	10	NS	NS	NS	NS	0.5	200	20	0.5	NS	0.02	1000
IW-9	11/13/12	< 4.2	< 7.5	< 5.7	< 9.7	< 8.3	< 4.1	< 9.1	< 4.1	< 13	< 2.4	< 8.3	< 5.4	< 5.9	< 8.9	< 9.3	< 8.1	< 6.7	< 8.9	< 9.7	< 4.5	< 6.7	< 8.9	948	< 7.9	< 1.8	< 18
IW-10	11/13/12	< 4.2	< 7.5	< 5.7	< 9.7	< 8.3	< 4.1	< 9.1	< 4.1	< 13	< 2.4	< 8.3	< 5.4	< 5.9	< 8.9	< 9.3	< 8.1	< 6.7	< 8.9	< 9.7	< 4.5	< 6.7	< 8.9	866	< 7.9	< 1.8	< 18
IW-10	05/30/14	< 0.78	< 0.91	< 2.1	< 2.5	< 2.5	< 2.5	< 12.2	< 2.5	< 12.5	< 2.5	< 1.3	< 2.5	< 0.58	< 12.5	< 2.5	< 2.5	< 10.9	< 0.9	< 0.9	< 2.5	< 2.5	< 1.2	500	< 0.86	< 0.88	< 5
IW-10	09/03/14	< 0.62	< 0.97	< 1.6	< 2.0	< 2.0	< 2.0	< 9.7	< 2.0	< 10	< 2.0	1.0 J	< 2.0	< 0.57	< 10	< 2.0	< 2.0	< 2.0	< 8.7	< 0.72	< 2.0	< 2.0	< 1.0	467	< 0.69	< 0.70	< 6.0
IW-10	09/09/15	< 9.9	< 12.1	< 20.5	< 25.0	< 25.0	< 25.0	< 122	< 25.0	< 125	< 25.0	< 12.8	< 25.0	< 7.2	< 125	< 25.0	< 25.0	< 25.0	< 109	< 9.0	< 25.0	< 25.0	< 12.8	< 16.5	< 9.2	< 8.8	< 75.0
IW-10	12/15/15	< 2.0	< 2.1	< 4.1	< 5.0	< 5.0	< 5.0	< 24.3	< 5.0	< 25.0	< 5.0	< 2.6	< 5.0	< 1.4	< 25.0	< 5.0	< 5.0	< 21.9	< 1.8	< 1.8	< 5.0	< 5.0	< 2.6	< 3.3	< 1.8		
IW-11	11/13/12	< 16.8	< 30	< 22.8	< 38.8	< 33.2	< 16.4	< 36.4	< 16.4	< 52	< 9.6	< 33.2	< 21.6	< 23.6	< 35.6	< 37.2	< 32.4	< 26.8	< 35.6	< 38.8	< 18	< 26.8	< 35.6	4360	< 31.6	< 7.2	< 72
IW-11	05/30/14	< 3.9	< 4.6	< 10.3	< 12.5	< 12.5	< 12.5	< 60.9	< 12.5	< 62.5	< 12.5	< 6.4	< 12.5	< 2.9	< 62.5	< 12.5	< 12.5	< 12.5	< 54.7	< 4.5	< 12.5	< 12.5	< 5.9	< 8.3	< 4.3	< 4.4	< 25
IW-11	09/03/14	< 7.8	< 12.1	< 20.5	< 25	< 25	< 25	< 122	< 25	< 125	< 25	< 12.8	< 25	< 7.2	< 125	< 25	< 25	< 109	< 9.0	< 25	< 25	< 12.8	< 16.5	< 8.6	< 8.8	< 75	
IW-12	11/13/12	< 21	< 37.5	< 28.5	< 48.5	< 41.5	< 20.5	< 45.5	< 20.5	< 65	< 12	72.5	< 27	< 29.5	< 44.5	< 46.5	< 40.5	< 33.5	< 44.5	< 48.5	< 22.5	< 33.5	< 44.5	4920	< 39.5	< 9	< 90
IW-12	09/09/15	< 2.0	< 2.4	< 4.1	< 5.0	< 5.0	< 5.0	< 24.3	< 5.0	< 25.0	< 5.0	< 2.6	< 5.0	< 1.4	< 25.0	< 5.0	< 5.0	< 5.0	< 21.9	< 1.8	< 5.0	< 5.0	< 2.6	< 3.3	< 1.8	< 1.8	< 15.0
IW-12	12/15/15	0.32 J	< 0.24	< 0.41	< 0.50	< 0.50	0.83 J	< 2.4	< 0.50	< 2.5	< 0.50	< 0.26	< 0.50	< 0.14	< 2.5	< 0.50	< 0.50	< 0.50	< 2.2	< 0.18	< 0.50	< 0.50	< 0.26	18.7	< 0.18	< 0.18	< 1.5
IW-13	11/13/12	< 42	< 75	< 57	< 97	< 83	< 41	< 91	< 41	< 130	< 24	< 83	< 54	< 59	< 89	< 93	< 81	< 67	< 89	< 97	< 45	< 67	< 89	9710	< 79	< 18	< 180
IW-14	11/13/12	< 21	< 37.5	< 28.5	< 48.5	< 41.5	< 20.5	< 45.5	< 20.5	< 65	< 12	< 41.5	< 27	< 29.5	< 44.5	< 46.5	< 40.5	< 33.5	< 44.5	< 48.5	< 22.5	< 33.5	< 44.5	3650	< 39.5	< 9	< 90
IW-15	11/13/12	< 42	< 75	< 57	< 97	< 83	< 41	< 91	< 41	< 130	< 24	< 83	< 54	< 59	< 89	< 93	< 81	< 67	< 89	< 97	< 45	< 67	< 89	7060	< 79	< 18	< 180
IW-15	03/26/14	< 77.7	< 81.3	< 205	< 250	< 250	< 250	< 1220	< 250	< 1250	< 250	< 128	< 250	< 58.3	< 1250	< 112	< 250	< 63.4	< 1090	< 90.2	< 250	< 250	< 119	< 165	< 86.2	< 87.8	< 500
IW-15	05/30/14	< 31.1	< 36.6	< 82	< 100	< 100	< 100	< 487	< 100	< 500	< 100	< 51.2	< 100	< 23.3	< 500	< 100	< 100	< 100	< 437	< 36.1	< 100	< 100	< 47.6	< 66.1	< 34.5	< 35.1	< 200
IW-15	09/03/14	< 7.8	< 12.1	< 20.5	< 25	< 25	< 25	< 122	< 25	< 125	< 25	< 12.8	< 25	< 7.2	< 125	< 25	< 25	< 109	< 9.0	< 25	< 25	< 12.8	< 16.5	< 8.6	< 8.8	< 75	
IW-16	11/13/12	< 21	< 37.5	< 28.5	< 48.5	< 41.5	< 20.5	< 45.5	< 20.5	< 65	< 12	< 41.5	< 27	< 29.5	< 44.5	< 46.5	< 40.5	< 33.5	< 44.5	< 48.5	< 22.5	< 33.5	< 44.5	4010	< 39.5	< 9	< 90
IW-17	11/13/12	< 42	< 75	< 57	< 97	< 83	< 41	< 91	< 41	< 130	< 24	< 83	< 54	< 59	< 89	< 93	< 81	< 67	< 89	< 97	< 45	< 67	< 89	10000	< 79	< 18	< 180
IW-18	11/13/12	< 84	< 150	< 114	< 194	< 166	< 82	< 182	< 82	< 260	< 48	< 166	< 108	< 118	< 178	< 186	< 162	< 134	< 178	< 194	< 90	< 134	< 178	34300	< 158	< 36	< 360
IW-18	03/26/14	< 6.2	< 6.5	< 16.4	< 20	< 20	< 20	< 97.4	< 20	< 100	< 20	< 10.2	< 20	< 4.7	< 100	< 9	< 20	< 5.1	< 87.4	< 7.2	< 20	< 20	< 9.5	5790	< 6.9	< 7	< 40
IW-18	05/30/14	2 J	< 0.91	< 2.1	< 2.5	< 2.5	< 2.5	< 12.2	< 2.5	< 12.5	< 2.5	< 1.3	< 2.5	< 0.58	< 12.5	< 2.5	< 2.5	< 2.5	< 10.9	< 0.9	< 2.5	< 2.5	< 1.2	364	< 0.86	< 0.88	< 5
IW-18	09/03/14	1.8 J	< 0.97	< 1.6	< 2.0	< 2.0	< 2.0	< 9.7	< 2.0	< 10.0	< 2.0	< 1.0	< 2.0	< 0.57	< 10	< 2.0	< 2.0	< 2.0	< 8.7	< 0.72	< 2.0	< 2.0	< 1.0	470	< 0.69	< 0.70	< 6.0
IW-18	09/09/15	< 9.9	< 12.1	< 20.5	< 25.0	< 25.0	< 25.0	< 122	< 25.0	< 125	< 25.0	< 12.8	< 25.0	< 7.2	< 125	< 25.0	< 25.0	< 25.0	< 109	< 9.0	< 25.0	< 25.0	< 12.8	< 16.5	< 9.2	< 8.8	< 75.0
IW-18	12/15/15	< 9.9	< 12.1	< 20.5	< 25.0	< 25.0	< 25.0	< 122	< 25.0	< 125	< 25.0	< 12.8	< 25.0	< 7.2	< 125	< 25.0	< 25.0	< 25.0	< 109	< 9.0	< 25.0	< 25.0	< 12.8	< 16.5	< 9.2	< 8.8	< 75.0
IW-19	11/13/12	< 52.5	< 93.8	< 71.2	< 121	< 104	< 51.2	< 114	< 51.2	< 162	< 30	< 104	< 67.5	< 73.8	< 111	< 116	< 101	< 83.8	< 111	< 121	< 56.2	< 83.8	< 111	21500	< 98.8	< 22.5	< 225
IW-20	11/13/12	< 42	< 75	< 57	< 97	< 83	< 41	< 91	< 41	< 130	< 24	< 83	< 54	< 59	< 89	< 93	< 81	< 67	< 89	< 97	< 45	< 67	< 89	10900	< 79	< 18	< 180
IW-21	11/13/12	< 42	< 75	< 57	< 97	< 83	< 41	< 91	< 41	< 130	< 24	< 83	< 54	< 59	< 89	< 93	< 81	< 67	< 89	< 97	< 45	< 67	< 89	7760	< 79	< 18	< 180
IW-21	05/30/14	0.31 J	< 0.18	< 0.41	< 0.5	< 0.5	< 0.5	< 2.4	< 0.5	< 2.5	< 0.5	0.87 J	< 0.5	< 0.12	< 2.5	< 0.5	< 0.5	< 0.5	< 2.2	< 0.18	9.1	< 0.5	< 0.24	2930	< 0.17	< 0.18	< 1
IW-21	09/03/14	< 0.78	< 1.2	< 2.1	< 2.5	< 2.5	< 2.5	< 12.2	< 2.5	< 12.5	< 2.5	< 1.3	< 2.5	< 0.72	< 12.5	< 2.5	< 2.5	< 2.5	< 10.9	< 0.90	< 2.5	< 2.5	< 1.3	< 1.7	< 0.86	< 0.88	< 7.5

Only compounds detected are shown
All units in ug/L
NR 140 ES = Enforcement Standard
NR 140 PAL = Preventive Action Limit
Bold value exceeds ES
Underlined value exceeds PAL
KMNO4 Injection November December 2012

Table A1b. Area 1 Historic Groundwater Sample Analytical Results
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		Benzene	Bromodichloromethane	n-Butylbenzene	sec-Butylbenzene	Chlorodibromomethane	Chloroform	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene (cis)	1,2-Dichloroethene (trans)	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl-tert-butyl-ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Tetrahydrofuran	Toluene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride	Total Xylenes		
WI NR 140	ES	5	0.6	NS	NS	NS	6	75	850	5	7	70	100	700	NS	NS	60	40	NS	5	50	1000	200	5	5	480 (sum)		0.2	10000		
	PAL	0.5	0.06	NS	NS	NS	0.6	15	85	0.5	0.7	7	20	140	NS	NS	12	8	NS	0.5	10	200	40	0.5	0.5	96 (sum)		0.02	1000		
MW-1A	Aug-89	ND					2		ND	ND	ND	7.5	ND	ND								0.6	ND	ND	1770			ND	ND		
	Aug-89 D	ND					ND		ND	ND	ND	ND	ND	ND								ND	ND	ND	1620			ND	ND		
	Sep-89	<10.0					<25.0		ND	ND	ND	<50	<25.0	<50.0								<25.0	ND	ND	ND	1360		<10.0	<50.0		
	Sep-89 D	ND					ND		ND	ND	ND	ND	ND	ND								ND	ND	ND	962			ND	ND		
	Mar-90	ND					ND		ND	ND	ND	ND	ND	ND								ND	ND	ND	306			ND	ND		
	Mar-90 D	ND					ND		ND	ND	ND	ND	ND	ND								ND	ND	ND	275			ND	ND		
	Oct-91	ND				ND	ND	ND	ND	ND	ND	4	ND	ND							ND	ND	ND	ND	517			ND	ND		
	Mar-95	1.30	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			NA	<1.0				62		<3.0	<3.0		
	Sep-95	<0.50	<2.0	<1.0	<1.0	<1.0	<1.0					1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				NA	<1.0				85		<3.0	<3.0	
	Dec-95	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				NA	<1.0				39		<3.0	<3.0	
	Mar-96																														
	Jun-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				NA	<1.0				18		<3.0	<3.0	
	Sep-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				NA	<1.0				45		<3.0	<3.0	
	Mar-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18						<0.23	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35				NA	<0.39				13		<0.46	<1.1
	Jul-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18						<0.23	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35				NA	<0.39				9		<0.46	<1.1
	Sep-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18						0.29	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35				NA	<0.39				11		<0.46	<1.1
	Jun-98	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10				NA	<0.10				10.1		<0.25	<0.25
	Jun-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						<0.25	<0.25	<0.25	<0.25	<0.25	<0.10					NA	<0.10				7.3		<0.25	<0.25
	Dec-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						<0.25	<0.25	<0.25	<62	<62	<62	25				NA	120				<60		5000	140
	Jun-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25				NA	<0.10				4.7		<0.25	<0.25
Dec-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25				NA	<0.10				4.9		<0.25	<0.25	
Jun-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25				NA	<0.10				8.6		<0.25	<0.25	
Dec-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25				NA	0.21				8.4		<0.25	<0.25	
May-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25				NA	<0.10				10		<0.25	<0.25	
Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	0.12	<0.25	<0.25	12	<0.10	<0.10	<0.25	<0.25	

Table A1b. Area 1 Historic Groundwater Sample Analytical Results
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MW-1B	Aug-89	ND					ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	3.3			ND	ND	
	Sep-89	ND					ND		ND	0.75	ND	1.06	ND	ND							ND	9.39	ND	44.5			ND	ND
	Mar-90	ND					ND		ND	1.81	ND	2.62	ND	ND							ND	25	ND	234			ND	ND
	Oct-91	ND				ND	ND	ND	1.2	ND	1.8	1.7	ND	ND						ND	ND	8	ND	269			ND	ND
	Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.10	0.27	<0.25	21	<0.10	<0.10	<0.25	<0.25
MW-1C	Aug-89	ND					ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND
	Sep-89	ND					ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND
	Mar-90	ND					ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND
	Oct-91	ND				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND
	Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25
MW-2A	Aug-89	ND					ND		ND	ND	ND	14.7	ND	ND							ND	ND	ND	ND			ND	ND
	Sep-89	ND					ND		ND	ND	ND	ND	ND	ND							ND	ND	ND	ND			ND	ND
	Mar-90	ND					ND		ND	ND	ND	3.8	ND	ND							ND	ND	ND	ND			ND	ND
	Mar-95	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			<1.0			<3.0	<3.0	
	Sep-95	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			<1.0			<3.0	<3.0	
	Dec-95	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			<1.0			<3.0	<3.0	
	Mar-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			<1.0			<3.0	<3.0	
	Jun-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			<1.0			<3.0	<3.0	
	Sep-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			<1.0			<3.0	<3.0	
	Dec-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			<1.0			<3.0	<3.0	
	Mar-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					<0.23	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35	NA	<0.39			<0.49			<0.46	<1.1	
	Jul-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					<0.23	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35	NA	<0.39			<0.49			<0.46	<1.1	
	Sep-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					<0.23	<0.39	<0.38	<0.35	<0.35	<0.14	<0.35	NA	<0.39			<0.49			<0.46	<1.1	
	Dec-97	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<1.0			<0.25			<0.25	<0.25	

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MW-2B	Aug-89	ND					ND		ND	ND	ND	38.8	ND	ND						ND	ND	ND	17.6			2.2	ND		
	Sep-89	ND					ND		ND	ND	ND	ND	ND	ND							ND	ND	ND	14.9			4.8	ND	
	Mar-90	ND					ND		ND	ND	ND	27	ND	ND							ND	ND	ND	15.4			9.5	ND	
	Oct-91	ND				ND	ND	ND	ND	ND	ND	152	ND	ND					ND		ND	ND	ND	31.2			ND	ND	
	Mar-95	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0					80	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			29			<3.0	<3.0	
	Sep-95	<5.0	<10	<10	<10	<10	15					99	<10	<10	<10	<10	<10	<10		NA	<10			41			<30	<30	
	Dec-95	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					76	1.4	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			46			<3.0	<3.0	
	Mar-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					49	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			58			<3.0	<3.0	
	Jun-96	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0					52	1.3	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			51			<3.0	<3.0	
	Sep-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					54	1.5	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			54			6	<3.0	
	Dec-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					82	1.7	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			43			4	<3.0	
	Mar-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					41	2.1	<0.38	<0.36	<0.35	<0.14	<0.35		NA	<0.39			45			2.6	<1.1	
	Jul-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					49	1.2	<0.38	<0.36	<0.35	<0.14	<0.35		NA	<0.39			50			5.6	<1.1	
	Sep-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					78	1.4	<0.38	<0.36	<0.35	<0.14	<0.35		NA	<0.39			48			6	<1.1	
	Dec-97	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					93	1.6	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10			47			3.4	<0.25	
	Jun-98	<0.2	<0.5	<0.5	<0.5	<0.5	<0.5					50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2		NA	<0.2			20			10	<0.5	
	Dec-98	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					58	0.83	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10			17			4.4	<0.25	
	Jun-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					78	1.5	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10			29			9.1	<0.25	
	Dec-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					48	0.64	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10			17			5.2	<0.25	
	Jun-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					34	0.52	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10			7			3.2	<0.25	
Dec-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					29	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	<0.10			6.3			3.2	<0.25		
Jun-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					59	0.87	<0.25	<0.25	<0.25	<0.25	<0.25		NA	<0.10			6.2			14	<0.25		
Dec-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					100	2.4	<0.25	<0.25	<0.25	<0.25	<0.25		NA	0.12			13			5.9	<0.25		
May-02	0.20	<0.50	<0.50	<0.50	<0.50	<0.50					100	2.3	<0.50	<0.50	<0.50	<0.50	<0.50		NA	<0.20			16			4.4	<0.50		
Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.43	71	1.8	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.10	<0.25	<0.25	13	<0.10	<0.10	4.0	<0.25	
MW-2C	Aug-89	ND					ND		ND	ND	ND	ND	ND	ND						ND	ND	ND	ND				ND	ND	
	Sep-89	ND					ND		ND	ND	ND	ND	ND	ND							ND	ND	ND	ND				ND	ND
	Oct-91																												

PVC riser found damaged below grade. Well not sampled.

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MW-12A	Aug-89	ND					ND		ND	ND	ND	1.3	ND	ND							ND	ND	ND	244			ND	ND
	Sep-89	<2.0					<5.0		ND	ND	ND	<10.0	ND	<10.0							<5.0	ND	ND	269			<2.0	<10
	Mar-90	<2.0					<5.0		ND	ND	ND	<10.0	ND	<10							<5.0	ND	ND	311			<1.0	<10
	Oct-91	ND				ND	1.20	ND	ND	ND	ND	ND	ND	ND					ND		ND	ND	ND	124			ND	ND
	Mar-95	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			66			<3.0	<3.0
	Sep-95	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			67			<3.0	<3.0
	Dec-95	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			120			<3.0	<3.0
	Mar-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			110			<3.0	<3.0
	Jun-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			130			<3.0	<3.0
	Sep-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			120			<3.0	<3.0
	Dec-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			100			<3.0	<3.0
	Mar-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					0.50	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35		NA	<0.39			110			<0.46	<1.1
	Jul-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					0.40	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35		NA	<0.39			100			<0.46	<1.1
	Sep-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					0.60	<0.39	<0.38	<0.35	<0.35	<0.14	<0.35		NA	<0.39			120			<0.46	<1.1
	Dec-97	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					0.50	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10			110			<0.25	<0.25
	Jun-98	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50					0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20		NA	<0.20			90			<0.50	<0.50
	Dec-98	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					0.30	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10			61			<0.25	<0.25
	Jun-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					0.90	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10			54			<0.25	<0.25
	Dec-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					0.39	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10			36			<0.25	<0.25
	Dec-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	<0.10			42			<0.25	<0.25
Jun-01	<0.10	1	<0.25	<0.25	0.77	0.81					<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	<0.10			16			<0.25	<0.25	
Dec-01	<0.10	1.2	<0.25	<0.25	0.48	1.0					0.41	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	0.25			14			<0.25	<0.25	
May-02	<0.10	1.2	<0.25	<0.25	0.43	1.1					<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	<0.10			4			<0.25	<0.25	
Nov-02	<0.10	1.8	<0.25	<0.25	0.33	1.6	<0.25	<0.25	<0.25	<0.25	1.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.10	<0.25	<0.25	19	<0.10	<0.10	<0.25	<0.25
MW-12B	Aug-89	ND					ND		ND	ND	ND	40.7	ND	ND							ND	ND	ND	59.2			0.4	ND
	Sep-89	ND					ND		ND	ND	ND	ND	ND	ND							ND	ND	ND	38			0.21	ND
	Mar-90	ND					ND		ND	ND	ND	17.6	ND	ND							ND	ND	ND	23.3			1	ND
	Oct-91	ND				ND	ND	ND	ND	ND	ND	51.4	ND	ND						ND	ND	ND	ND	55.8			1.1	ND
	Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	90	1.60	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.10	<0.25	<0.25	49	<0.10	<0.10	0.99	<0.25

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MW-12C	Aug-89	ND						ND		ND	ND	ND	3.8	ND	ND							ND	ND	ND	3.7			ND	ND	
	Sep-89	ND						ND		ND	ND	ND	ND	ND	ND							ND	ND	ND	2.03			ND	ND	
	Mar-90	ND						ND		ND	ND	ND	2.7	ND	ND							ND	ND	ND	2.68			0.43	ND	
	Oct-91	ND					ND	ND	ND	ND	ND	2.6	ND	ND						ND		1	ND	ND	1.2			ND	ND	
Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	4.7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.10	<0.25	<0.25	2.9	<0.10	<0.10	<0.25	<0.25	
MW-15A	Aug-89	ND						ND		ND	ND	ND	2.6	ND	ND								ND	ND	ND	0.7			ND	ND
	Sep-89	ND						ND		ND	ND	ND	ND	ND	ND								0.58	ND	ND	ND			ND	ND
	Mar-90	ND						ND		ND	ND	ND	1.75	ND	ND								ND	ND	ND	0.86			ND	ND
	Oct-91	ND					ND	ND	ND	ND	ND	2.2	ND	ND							ND		ND	ND	ND	0.7			ND	ND
	Mar-95	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			<1.0			<3.0	<3.0	
	Sep-95	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			<1.0			<3.0	<3.0	
	Dec-95	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			<1.0			<3.0	<3.0	
	Mar-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			<1.0			<3.0	<3.0	
	Jun-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			<1.0			<3.0	<3.0	
	Sep-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			<1.0			<3.0	<3.0	
	Dec-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0			<1.0			<3.0	<3.0	
	Mar-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					1.1	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35	<0.35		NA	<0.39			<0.49			<0.46	<1.1	
	Jul-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					0.95	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35	<0.35		NA	<0.39			0.52			<0.46	<1.1	
	Sep-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					0.80	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35	<0.35		NA	<0.39			<0.49			<0.46	<1.1	
Dec-97	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					0.41	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	0.16			0.3			<0.25	<0.25		
Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	0.2	<0.25	<0.25	<25	0.1	<0.10	<0.25	<0.25		
MW-15C	Aug-89	ND						ND		ND	ND	ND	6.2	ND	ND								ND	ND	ND	1.2			ND	ND
	Sep-89	ND						ND		ND	ND	ND	ND	ND	ND								ND	ND	ND	1.38			ND	ND
	Mar-90	ND						ND		ND	ND	ND	4.68	ND	ND								ND	ND	ND	1.66			ND	ND
	Oct-91	ND					ND	ND	ND	ND	ND	2.6	ND	ND							ND		ND	ND	ND	0.9			ND	ND
Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	4.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.10	<0.25	<0.25	2	<0.10	<0.10	<0.25	<0.25		

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MW-16A	Aug-89	ND				2.3		ND	ND	ND	48.5	ND	ND						ND	ND	ND	2920			ND	ND	
	Sep-89	<20.0				<50.0		ND	ND	ND	<100	ND	<100						<50	ND	ND	2270			<20	<100	
	Mar-90	<20.0				<50.0		ND	ND	ND	<100	ND	<100						<50	ND	ND	11200			<20	<100	
	Mar-95	<10	<10	<10	<10	<10					<10	<10	<10	<10	<10	<10			NA	<10		600			<30	<30	
	Sep-95	<0.50	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			NA	<1.0		53			<3.0	<3.0	
	Dec-95	<0.50	<1.0	<1.0	<1.0	<1.0					8.2	<1.0	<1.0	<1.0	<1.0	<1.0			NA	<1.0		660			<3.0	<3.0	
	Mar-96	<0.50	<1.0	<1.0	<1.0	<1.0					4.5	<1.0	<1.0	<1.0	<1.0	<1.0			NA	<1.0		270			<3.0	<3.0	
	Jun-96	<0.50	<1.0	<1.0	<1.0	<1.0					2.1	<1.0	<1.0	<1.0	<1.0	<1.0			NA	<1.0		180			<3.0	<3.0	
	Sep-96	<0.50	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			NA	<1.0		80			<3.0	<3.0	
	Dec-96	<0.50	<1.0	<1.0	<1.0	<1.0					<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			NA	<1.0		75			<3.0	<3.0	
	Mar-97	<0.31	<0.20	<0.44	<0.45	<10	<0.18				0.65	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35			NA	<0.39		90			<0.46	<1.1
	Jul-97	<0.31	<0.20	<0.44	<0.45	<10	<0.18				0.96	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35			NA	<0.39		36			<0.46	<1.1
	Sep-97	<0.31	<0.20	<0.44	<0.45	<10	<0.18				0.83	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35			NA	<0.39		46			<0.46	<1.1
	Jun-98	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25				<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10			NA	<0.10		16			<0.25	<0.25
	Jun-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25				<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10			NA	<0.10		8			<0.25	<0.25
	Dec-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25				0.49	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10			NA	<0.10		16			<0.25	<0.25
	Jun-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25				<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25			NA	<0.10		15			<0.25	<0.25
	Dec-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25				<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25			NA	<0.10		16			<0.25	<0.25
	Jun-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25				<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25			NA	<0.10		3.3			<0.25	<0.25
	Dec-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25				<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25			NA	0.34		9.2			<0.25	<0.25
May-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25				<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25			NA	<0.10		5.8			<0.25	<0.25	
Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.10	<0.25	<0.25	8.9	<0.10	<0.10	<0.25	<0.25

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MW-17A	Aug-89	ND					ND		ND	ND	ND	3.8	ND	ND						ND	ND	ND	2110			ND	ND	
	Sep-89	<20					<50		ND	ND	ND	<100	ND	<100						<50	ND	ND	1750			<10	<25	
	Mar-90	<20					<50		ND	ND	ND	<50	ND	<100						<50	ND	ND	4640			<20	<100	
	Mar-95	<10	<10	<10	<10	<10	<10					<10	<10	<10	<10	<10	<10		NA	<10			440			<30	<30	
	Sep-95	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					2.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0		410			<3.0	<3.0	
	Dec-95	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0					3.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0		440			<3.0	<3.0	
	Mar-96																											
	Jun-96	<0.50	<1.0	<1.0	<1.0	<1.0	1.10					4.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0		370			<3.0	<3.0	
	Sep-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0		290			<3.0	<3.0	
	Dec-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0					3.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		NA	<1.0		150			<3.0	<3.0	
	Mar-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					0.29	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35		NA	<0.39		120			<0.46	<1.1	
	Jul-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					0.24	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35		NA	<0.39		71			<0.46	<1.1	
	Sep-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18					0.44	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35		NA	<0.39		65			<0.46	<1.1	
	Dec-97	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					0.47	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10		120			<0.25	<0.25	
	Jun-98	<0.20	<0.50	<0.50	<0.50	<0.50	<0.50					<0.50	<0.50	<0.50	<0.50	<0.50	<0.20		NA	<0.20		26			<0.50	<0.50		
	Dec-98	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10		50			<0.25	<0.25		
	Jun-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	<0.10		2.9			<0.25	<0.25		
	Dec-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.10		NA	0.12		13			<0.25	<0.25		
	Jun-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	<0.10		18			<0.25	<0.25	
	Dec-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	<0.10		20			<0.25	<0.25	
Jun-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	<0.10		4			<0.25	<0.25		
Dec-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	0.32		2.3			<0.25	<0.25		
May-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25					<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25		NA	<0.10		8.6			<0.25	<0.25		
Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	0.22	<0.25	<0.25	27	<0.10	<0.10	<0.25	<0.25	
MW-18A	Aug-89	ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND				ND	ND	
	Sep-89	ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND				ND	ND	
	Mar-90	ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND				ND	ND	
MW-19A	Aug-89	ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	3.4				ND	ND	
	Sep-89	ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	9.37				ND	ND	
	Mar-90	ND					ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	2				ND	ND	
	Nov-02	<0.10	1.9	<0.25	<0.25	0.69	1.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	<0.10	<0.25	<0.25	1.7	0.1	<0.10	<0.25	<0.25	

Table A1b. Area 1 Historic Groundwater Sample Analytical Results
 ITW West Bend Closure Report
 BRRTS #: 02-67-558358

MW-19B	Mar-90	ND					ND		ND	ND	ND	ND	ND							ND	ND	ND	ND			ND	ND	
	Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA	0.32	<0.25	<0.25	<0.25	0.13	<0.10	<0.25	<0.25
MW-21A	Aug-89	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0					2.20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			20			<3.0	<3.0	
	Sep-89	ND					ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.47			ND	ND
	Mar-90	ND					ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5			ND	ND
	Mar-95											2.2												33				
	Sep-95	<0.50	2.6	<1.0	<1.0	<1.0	<1.0						<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			26			<3.0	<3.0	
	Dec-95	<0.50	<1.0	<1.0	<1.0	<1.0	<2.0						3.6	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			47			<3.0	<3.0	
	Mar-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0						2.1	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			23			<3.0	<3.0	
	Jun-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0						1.4	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			17			<3.0	<3.0	
	Sep-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0						1.4	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			15			<3.0	<3.0	
	Dec-96	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0						3.8	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0			34			<3.0	<3.0	
	Mar-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18						2.2	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35	NA	<0.39			26			<0.46	<1.1
	Jul-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18						2.3	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35	NA	<0.39			16			<0.46	<1.1
	Sep-97	<0.31	<0.20	<0.44	<0.45	<0.10	<0.18						2.4	<0.39	<0.38	<0.36	<0.35	<0.14	<0.35	NA	<0.39			16			<0.46	<1.1
	Dec-97	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						5.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	NA	<0.10			46			<0.25	<0.25
	Jun-98	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						4.8	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	NA	<0.10			21			<0.25	<0.25
	Dec-98	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						11	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	NA	<0.10			38			<0.25	<0.25
	Jun-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	NA	<0.10			29			<0.25	<0.25
	Dec-99	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	NA	<0.10			27			<0.25	<0.25
	Jun-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						13	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	NA	<0.10			23			<0.25	<0.25
	Dec-00	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	NA	<0.10			36			<0.25	<0.25
	Jun-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						30	0.27	<0.25	<0.25	<0.25	<0.25	<0.10	NA	<0.10			37			<0.25	<0.25
	Dec-01	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						33	0.27	<0.25	<0.25	<0.25	<0.25	<0.10	NA	0.27			43			<0.25	<0.25
	May-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25						44	0.28	<0.25	<0.25	<0.25	<0.25	<0.10	NA	0.11			32			<0.25	<0.25
Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.65	<0.25	<0.25	58	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	37	<0.10	<0.10	<0.25	<0.25	
SVE-16	Nov-02	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	47	<0.10	<0.10	<0.25	<0.25	

All units in ug/L
 ES = NR 140 Enforcement Standard
 PAL = NR 140 Preventive Action Limit
 NA = Not analyzed
 ND = Not detected

Table A1c. 2010 Area 1 Grab Groundwater Sample Analytical Results
 ITW West Bend Closure Report
 BRRTS #: 02-67-558358

		Trichloroethene
	NR140 ES	5
Grab Sample ID	NR140 PAL	0.5
GP-42	5/19/2010	ND
GP-43	5/19/2010	0.37
GP-44	5/19/2010	ND
GP-45	5/19/2010	0.78
GP-46	5/19/2010	1.3
GP-47	5/19/2010	ND

All units in ug/L
 ES = NR 140 Enforcement Standard
 PAL = NR 140 Preventive Action Limit
 NA = Not analyzed
 ND = Not detected

TABLE A.2
2010 – 2012 Soil Analytical Results

Table A. 2 2010 - 2012 Soil Analytical Results

				Trichloroethene	Naphthalene	Styrene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	Methylene Chloride
Units				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
<i>Non-Industrial Direct-Contact RCL</i>				1260	5150	867000	1230000	89800	60700
Industrial Direct-Contact RCL				8810	26000	867000	1230000	219000	1070000
Groundwater Pathway RCL				1.8	329.1	110	NS	691	1.3
Location	Depth (Feet)	Date	Above Water Table?						
12	6	11/3/2010	Yes	<26	<53	<53	<26	<26	<53
13	6	11/3/2010	Yes	<26	<52	<52	<26	<26	<52
14	6	11/3/2010	Yes	<26	<51	<51	<26	<26	<51
16	4	11/23/2017	Yes	<26	<52	<52	<26	<26	<52
17	4	11/23/2010	Yes	<26	<53	<53	<26	<26	<53
18	12	11/23/2010	Yes	36	<62	<62	<31	<31	<62
19	4	11/23/2010	Yes	52	<53	<53	<27	<27	<53
21	6	11/23/2010	Yes	40	<52	<52	<26	<26	<52
28	4	11/23/2010	Yes	300	<52	<52	<26	<26	<52
29	4	11/23/2010	Yes	170	<53	<53	<27	<27	<53
30	4	11/23/2010	Yes	73	<52	<52	<26	<26	<52
31	4	12/13/2010	Yes	<28	<55	<55	<28	<28	<55
32	16	12/13/2010	Yes	57	<59	<59	<30	<30	<59
33	12	12/13/2010	Yes	270	<62	<62	<31	<31	<62
36	4	12/13/2010	Yes	41	220	<52	<26	<26	<52
37	12	12/13/2010	Yes	190	<60	<60	<30	<30	<60
38	4	12/13/2010	Yes	260	<53	<53	<26	<26	<53
39	12	12/13/2010	Yes	130	<55	<55	<28	<28	<55
40	12	12/13/2010	Yes	350	<57	<57	<29	<29	<57
41	4	12/13/2010	Yes	430	<61	<61	<31	<31	<61
42	4	12/13/2010	Yes	99	<53	<53	<26	<26	<53
43	4	12/13/2010	Yes	130	<56	<56	<28	<28	<56
44	4	12/13/2010	Yes	110	<53	<53	<26	<26	<53
45	4	12/13/2010	Yes	170	<56	<56	<28	<28	<56
GP-1-11	2-4	1/6/2011	Yes	<29	<57	<57	<29	<29	100
GP-2-11	2-4	1/6/2011	Yes	<26	<51	<51	<26	<26	<51
GP-3-11	2-4	1/6/2011	Yes	<29	<58	<58	<29	<29	130
GP-4-11	2-4	1/6/2011	Yes	46	<54	<54	<27	<27	<54
GP-5-11	2-4	1/6/2011	Yes	180	<60	<60	<30	<30	110
GP-6-11	2-4	1/6/2011	Yes	550	<57	<57	<29	<29	<57

RCL: Residual Contamination Level
 NS: No Standard
 ug/kg: micrograms per kilogram

Table A. 2 2010 - 2012 Soil Analytical Results

				Trichloroethene	Naphthalene	Styrene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	Methylene Chloride
Units				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
<i>Non-Industrial Direct-Contact RCL</i>				1260	5150	867000	1230000	89800	60700
Industrial Direct-Contact RCL				8810	26000	867000	1230000	219000	1070000
Groundwater Pathway RCL				1.8	329.1	110	NS	691	1.3
Location	Depth (Feet)	Date	Above Water Table?						
GP-7-11	2-4	1/6/2011	Yes	310	<52	<52	<26	<26	<52
GP-8-11	2-4	1/6/2011	Yes	260	<52	<52	<26	<26	<52
GP-9-11	2-4	1/6/2011	Yes	820	<57	<57	<29	<29	<57
GP-10-11	2-4	1/6/2011	Yes	710	<57	<57	<28	<28	<57
GP-11-11	2-4	1/6/2011	Yes	1000	<53	<53	<27	<27	<53
GP-12-11	2-4	1/6/2011	Yes	<28	<56	<56	<28	<28	<56
GP-13-11	2-4	1/6/2011	Yes	<30	<59	<59	<30	<30	120
GP-14-11	2-4	1/6/2011	Yes	<29	<58	<58	<29	<29	70
GP-15-11	2-4	1/6/2011	Yes	<27	<54	<54	<27	<27	<54
GP-16-11	2-4	1/17/2011	Yes	<27	<54	<54	<27	<27	<54
GP-17-11	2-4	1/17/2011	Yes	110	75	93	<30	<30	<61
GP-18-11	2-4	1/17/2011	Yes	680	<56	<56	76	<28	<56
GP-19-11	2-4	1/17/2011	Yes	36	<52	<52	<26	<26	<52
GP-20-11	2-4	1/17/2011	Yes	110	<52	<52	<26	<26	<52
GP-21-11	2-4	1/17/2011	Yes	110	<53	<53	<26	<26	<53
GP-22-11	2-4	1/17/2011	Yes	870	<52	<52	<26	<26	<52
GP-23-11	2-4	1/17/2011	Yes	110	<52	<52	<26	<26	<52
GP-24-11	2-4	1/17/2011	Yes	130	<57	<57	<28	<28	<57
GP-25-11	2-4	1/17/2011	Yes	220	<56	<56	<28	<28	<56
GP-26-11	2-4	1/17/2011	Yes	80	<52	<52	<26	<26	<52
GP-27-11	2-4	1/17/2011	Yes	62	<61	<61	<31	<31	<61
GP-28-11	2-4	1/17/2011	Yes	1200	<57	<57	<28	<28	<57
GP-29-11	2-4	1/17/2011	Yes	27	<51	<51	<26	<26	<51
GP-30-11	4	2/24/2011	Yes	260	65	<57	<28	30	<57
GP-31-11	3	2/24/2011	Yes	35	<58	<58	<29	<29	<58
GP-32-11	4	2/24/2011	Yes	<26	<52	<52	<26	<26	<52
	8	2/24/2011	Yes	<30	<61	<61	<30	<30	<61
	12	2/24/2011	Yes	<28	<57	<57	<28	<28	<57
GP-33-11	3	2/24/2011	Yes	<32	<63	<63	<32	<32	<63
GP-34-11	4	2/24/2011	Yes	<26	<53	<53	<26	<26	<53

RCL: Residual Contamination Level
 NS: No Standard
 ug/kg: micrograms per kilogram

Table A. 2 2010 - 2012 Soil Analytical Results

				Trichloroethene	Naphthalene	Styrene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	Methylene Chloride
Units				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
<i>Non-Industrial Direct-Contact RCL</i>				1260	5150	867000	1230000	89800	60700
Industrial Direct-Contact RCL				8810	26000	867000	1230000	219000	1070000
Groundwater Pathway RCL				1.8	329.1	110	NS	691	1.3
Location	Depth (Feet)	Date	Above Water Table?						
GP-35-11	4	2/24/2011	Yes	<29	<58	<58	<29	<29	<58
GP-36-11	4	2/24/2011	Yes	220	<56	<56	<28	<28	<56
	8	2/24/2011	Yes	<29	<59	<59	<29	<29	<59
GP-37-11	4	2/24/2011	Yes	<27	<53	<53	<27	<27	<53
GP-38-11	4	2/24/2011	Yes	<32	<65	<65	<32	<32	<65
	8	2/24/2011	Yes	32	<54	<54	<27	<27	<54
	12	2/24/2011	Yes	47	<59	<59	<29	<29	<59
GP-39-11	4	2/24/2011	Yes	<29	<58	<58	<29	<29	<58
GP-40-11	4	2/24/2011	Yes	58	<64	<64	<32	<32	<64
GP-41-11	4	2/24/2011	Yes	<26	<53	<53	<26	<26	<53
GP-42-11	4	2/24/2011	Yes	<29	<58	<58	<29	<29	<58
GP-43-11	4	2/24/2011	Yes	<29	<58	<58	<29	<29	<58
	8	2/24/2011	Yes	<32	<63	<63	<32	<32	<63
	12	2/24/2011	Yes	<27	<53	<53	<27	<27	<53
GP-44-11	4	2/24/2011	Yes	<27	<53	<53	<27	<27	<53
	8	2/24/2011	Yes	<26	<51	<51	<26	<26	<51
	12	2/24/2011	Yes	<36	<72	<72	<36	<36	<72
GP-45-11	8	2/24/2011	Yes	120	<51	<51	<26	<26	<51
	12	2/24/2011	Yes	480	<57	<57	<28	<28	<57
GP-46-11	8	2/24/2011	Yes	110	<58	<58	<29	<29	<58
	12	2/24/2011	Yes	55	<71	<71	<35	<35	<71
GP-47-11	8	2/24/2011	Yes	<26	<52	<52	<26	<26	<52
	12	2/24/2011	Yes	<28	<56	<56	<28	<28	<56
GP-45-12	4	3/1/2012	Yes	<25	<50	<50	<25	<25	<50
	8	3/1/2012	Yes	<26	<53	<53	<26	<26	<53
	12	3/1/2012	Yes	<28	<57	<57	<28	<28	<57

RCL: Residual Contamination Level
 NS: No Standard
 ug/kg: micrograms per kilogram

Table A. 2 2010 - 2012 Soil Analytical Results

				Trichloroethene	Naphthalene	Styrene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	Methylene Chloride	
Units				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	
<i>Non-Industrial Direct-Contact RCL</i>				1260	5150	867000	1230000	89800	60700	
Industrial Direct-Contact RCL				8810	26000	867000	1230000	219000	1070000	
Groundwater Pathway RCL				1.8	329.1	110	NS	691	1.3	
Location	Depth (Feet)	Date	Above Water Table?							
GP-46-12	4	3/1/2012	Yes	<29	<57	<57	<29	<29	<57	
	8	3/1/2012	Yes	<28	<56	<56	<28	<28	<56	
	12	3/1/2012	No	<26	<52	<52	<26	<26	<26	
GP-47-12	4	3/1/2012	Yes	<29	380	<58	31 J	<29	<58	
	8	3/1/2012	Yes	<28	<57	<57	<28	<28	<57	
	12	3/1/2012	No	<28	<56	<56	<28	<28	<56	
GP-48-12	4	3/1/2012	Yes	<28	140	<55	<28	<28	<55	
	8	3/1/2012	Yes	<29	<58	<58	<29	<29	<58	
	12	3/1/2012	No	<26	<52	<52	<26	<26	<26	
GP-49-12	4	3/1/2012	Yes	53 J	<56	<56	<28	<28	<56	
	8	3/1/2012	Yes	41 J	<61	<61	<30	<30	<61	
	12	3/1/2012	Yes	49 J	<50	<50	<25	<25	<50	
GP-50-12	---	REFUSAL								
GP-51-12	4	3/1/2012	Yes	<31	<62	<62	<31	<31	<62	
	8	3/1/2012	Yes	<27	<55	<55	<27	<27	<55	
	12	3/1/2012	Yes	<27	<53	<53	<27	<27	<53	
GP-52-12	4	3/1/2012	Yes	42 J	<58	<58	<29	<29	<58	
	8	3/1/2012	Yes	<28	<57	<57	<28	<28	<57	
	12	3/1/2012	Yes	<26	<51	<51	<26	<26	<51	
GP-53-12	---	REFUSAL								
GP-54-12	4	3/1/2012	Yes	<27	<54	<54	<27	<27	<54	
	8	3/1/2012	Yes	<26	<52	<52	<26	<26	<26	
	12	3/1/2012	No	<26	<52	<52	<26	<26	<26	
GP-60-12	4	3/1/2012	Yes	<29	<59	<59	<29	<29	<59	
	8	3/1/2012	Yes	<26	<52	<52	<26	<26	<26	
	12	3/1/2012	Yes	<28	<57	<57	<28	<28	<57	

RCL: Residual Contamination Level
 NS: No Standard
 ug/kg: micrograms per kilogram

TABLE A.3

2010 – 2012 Residual Soil Analytical Results

Table A. 3 2010 - 2012 Residual Soil Analytical Results

				Trichloroethene	Naphthalene	Styrene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	Methylene Chloride
Units				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
<i>Non-Industrial Direct-Contact RCL</i>				1260	5150	867000	1230000	89800	60700
Industrial Direct-Contact RCL				8810	26000	867000	1230000	219000	1070000
Groundwater Pathway RCL				1.8	329.1	110	NS	691	1.3
Location	Depth (Feet)	Date	Above Water Table?						
18	12	11/23/2010	Yes	36	<62	<62	<31	<31	<62
19	4	11/23/2010	Yes	52	<53	<53	<27	<27	<53
21	6	11/23/2010	Yes	40	<52	<52	<26	<26	<52
28	4	11/23/2010	Yes	300	<52	<52	<26	<26	<52
29	4	11/23/2010	Yes	170	<53	<53	<27	<27	<53
30	4	11/23/2010	Yes	73	<52	<52	<26	<26	<52
32	16	12/13/2010	Yes	57	<59	<59	<30	<30	<59
33	12	12/13/2010	Yes	270	<62	<62	<31	<31	<62
36	4	12/13/2010	Yes	41	220	<52	<26	<26	<52
37	12	12/13/2010	Yes	190	<60	<60	<30	<30	<60
38	4	12/13/2010	Yes	260	<53	<53	<26	<26	<53
39	12	12/13/2010	Yes	130	<55	<55	<28	<28	<55
40	12	12/13/2010	Yes	350	<57	<57	<29	<29	<57
41	4	12/13/2010	Yes	430	<61	<61	<31	<31	<61
42	4	12/13/2010	Yes	99	<53	<53	<26	<26	<53
43	4	12/13/2010	Yes	130	<56	<56	<28	<28	<56
44	4	12/13/2010	Yes	110	<53	<53	<26	<26	<53
45	4	12/13/2010	Yes	170	<56	<56	<28	<28	<56
GP-4-11	2-4	1/6/2011	Yes	46	<54	<54	<27	<27	<54
GP-5-11	2-4	1/6/2011	Yes	180	<60	<60	<30	<30	110
GP-6-11	2-4	1/6/2011	Yes	550	<57	<57	<29	<29	<57
GP-7-11	2-4	1/6/2011	Yes	310	<52	<52	<26	<26	<52
GP-8-11	2-4	1/6/2011	Yes	260	<52	<52	<26	<26	<52
GP-9-11	2-4	1/6/2011	Yes	820	<57	<57	<29	<29	<57
GP-10-11	2-4	1/6/2011	Yes	710	<57	<57	<28	<28	<57
GP-11-11	2-4	1/6/2011	Yes	1000	<53	<53	<27	<27	<53
GP-17-11	2-4	1/17/2011	Yes	110	75	93	<30	<30	<61
GP-18-11	2-4	1/17/2011	Yes	680	<56	<56	76	<28	<56
GP-19-11	2-4	1/17/2011	Yes	36	<52	<52	<26	<26	<52
GP-20-11	2-4	1/17/2011	Yes	110	<52	<52	<26	<26	<52
GP-21-11	2-4	1/17/2011	Yes	110	<53	<53	<26	<26	<53

Table A. 3 2010 - 2012 Residual Soil Analytical Results

				Trichloroethene	Naphthalene	Styrene	Trichlorofluoromethane	1,2,4-Trimethylbenzene	Methylene Chloride
Units				ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
<i>Non-Industrial Direct-Contact RCL</i>				1260	5150	867000	1230000	89800	60700
Industrial Direct-Contact RCL				8810	26000	867000	1230000	219000	1070000
Groundwater Pathway RCL				1.8	329.1	110	NS	691	1.3
Location	Depth (Feet)	Date	Above Water Table?						
GP-22-11	2-4	1/17/2011	Yes	870	<52	<52	<26	<26	<52
GP-23-11	2-4	1/17/2011	Yes	110	<52	<52	<26	<26	<52
GP-24-11	2-4	1/17/2011	Yes	130	<57	<57	<28	<28	<57
GP-25-11	2-4	1/17/2011	Yes	220	<56	<56	<28	<28	<56
GP-26-11	2-4	1/17/2011	Yes	80	<52	<52	<26	<26	<52
GP-27-11	2-4	1/17/2011	Yes	62	<61	<61	<31	<31	<61
GP-28-11	2-4	1/17/2011	Yes	1200	<57	<57	<28	<28	<57
GP-29-11	2-4	1/17/2011	Yes	27	<51	<51	<26	<26	<51
GP-30-11	4	2/24/2011	Yes	260	65	<57	<28	30	<57
GP-31-11	3	2/24/2011	Yes	35	<58	<58	<29	<29	<58
GP-36-11	4	2/24/2011	Yes	220	<56	<56	<28	<28	<56
GP-38-11	8	2/24/2011	Yes	32	<54	<54	<27	<27	<54
	12	2/24/2011	Yes	47	<59	<59	<29	<29	<59
GP-40-11	4	2/24/2011	Yes	58	<64	<64	<32	<32	<64
GP-45-11	8	2/24/2011	Yes	120	<51	<51	<26	<26	<51
	12	2/24/2011	Yes	480	<57	<57	<28	<28	<57
GP-46-11	8	2/24/2011	Yes	110	<58	<58	<29	<29	<58
	12	2/24/2011	Yes	55	<71	<71	<35	<35	<71
GP-47-12	4	3/1/2012	Yes	<29	380	<58	31 J	<29	<58
GP-49-12	4	3/1/2012	Yes	53 J	<56	<56	<28	<28	<56
	8	3/1/2012	Yes	41 J	<61	<61	<30	<30	<61
	12	3/1/2012	Yes	49 J	<50	<50	<25	<25	<50
GP-52-12	4	3/1/2012	Yes	42 J	<58	<58	<29	<29	<58

A.4 Vapor Analytical Table

No vapor samples were collected.

A.5 Other Media of Concern

Not Applicable, no other medium of concern exists on this site

A.6 Water Level Elevations

Table A.6
 Water Elevations
 ITW West Bend Closure Report
 BRRTS No. 02-67-558358

Well ID	Top of Casing Elevation	Dec-95	Mar-96	Jun-96	Sep-96	Dec-96	Mar-97	Jun-97	Sep-97	Jun-98	Dec-98	Jun-99	Sep-07	Dec-07	Jul-08	Dec-08	Apr-09	Jul-09	Oct-09	Jan-10	Apr-10	Jul-10	Oct-10
MW-1A	914.25	897.93	899.79	Dry	898.79	899.05	898.24	898.44	898	898.76	899.17	897.35	899.81	Abandoned 10/2005									
MW-2A	894.76	890.61	890.83	891.81	890.04	890.74	890.95	890.92	890.51	890.69	890.59	890.82	890.76	891.65	891.23	890.74	891.17	890.49	890.65	891.14	891.4	891.82	890.79
MW-2B	894.76	890.59	890.79	891.8	890.33	890.7	890.87	890.87	890.47	890.66	890.57	890.79	NA	NA	NA	890.75	891.21	890.48	890.64	891.2	891.46	891.89	890.78
MW-12A	907.46	890.6	890.88	891.82	890.54	890.74	891.08	891.04	890.59	890.71	890.67	890.84	DRY	891.73	891.17	890.84	891.21	890.75	890.82	891.22	891.48	891.89	890.85
MW-12B	907.42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	891.07	891.53	890.86	890.99	891.7	891.79	892.31	891.08
MW-12C	907.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	890.94	891.31	890.28	890.57	892.1	891.65	892.35	891
MW-15A	914.52	892.25	893.42	895.92	892.53	893.86	895.06	894.47	892.36	893.16	892.3	893.45	Abandoned 10/2005										
MW-16A	913.38	898.79	898.02	899.88	900.12	898.7	899.61	898.02	899.56	900.21	896.66	901.07	Abandoned 10/2005										
MW-17A	915.44	895.81	894.25	894.96	896.48	896.31	896.42	896.45	896.46	896.52	895.3	897.38	Abandoned 10/2005										
MW-18A	908.24	NA	891.46	NA	892.13	NA	892.96	892.72	893.86	893.81	892.44	893.17	Destroyed 2005										
MW-19A	907.97	NA	896.6	NA	896.13	NA	896.29	896.1	NA	NA	890.71	895.99	Destroyed 2005										
MW-21A	908.13	895.36	895.03	896.58	895.14	895.78	895.47	897	896.23	897.01	886.05	896.23	Abandoned 10/2005										

Well ID	Top of Casing Elevation	Top of Casing Elevation		May-12	Aug-12	Jan-13	May-13	Sep-13	Dec-13	Mar-14	Jun-14	Mar-15	Jun-15	Oct-15	Dec-15	Mar-16
MW-1A	914.25	914.25	Abandoned 10/2005													
MW-2A	894.76	894.76		891.34	890.7	891.22	891.85	890.51	891.34	891.35	891.42	891.1	891.27	891.04	891.56	891.74
MW-2B	894.76	894.76		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12A	907.46	907.46		891.29	890.77	891.41	891.87	890.71	891.29	891.68	891.31	890.82	891.13	891.09	891.6	891.69
MW-12B	907.42	907.42		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12C	907.36	907.36		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-15A	914.52	914.52	Abandoned 10/2005													
MW-16A	913.38	913.38	Abandoned 10/2005													
MW-17A	915.44	915.44	Abandoned 10/2005													
MW-18A	908.24	908.24	Monitor well MW-18A is associated with the closed West Bend Co. case BRRTS #02-67-257332													
MW-19A	907.97	907.97	Abandoned 10/2005													
MW-21A	908.13	908.13	Abandoned 10/2005													
MW-79	905.74	905.74	Installed 5/12	891.85	891.27	892.09	892.46	891.12	891.85	891.9	891.82	891.36	891.68	891.49	892.22	892.32
MW-80	912.83	912.83	Installed 5/12	900.68	898.78	900.38	901.12	898.77	900.68	897.79	900.47	898.19	899.78	898.82	900.6	899.72
MW-81	909.22	909.22	Installed 5/12	890.19	890.77	891.34	892.07	890.85	890.19	891.43	891.62	891	891.32	891.1	891.84	892.01
MW-82	911.13	911.13	Installed 5/12	895.01	892.31	893.05	896.64	893.39	895.01	893.33	895.42	893.05	894.15	892.32	894.47	894.97
MW-83	913.63	913.63	Installed 5/12	896.55	895.59	896.19	896.95	896.2	896.55	895.58	896.53	895.49	895.73	894.95	895.53	896.17
MW-84	914.36	914.36	Installed 5/12	897.91	896.95	897.58	898.34	897.34	897.91	896.56	897.97	895.65	897.22	895.68	897.13	897.38
MW-85	915.7	915.7	Installed 5/12	897.17	896.35	897.02	897.37	896.62	897.17	896.32	897.2	896.36	896.74	896.34	896.8	896.78
MW-86	911.81	911.81	Installed 8/14									895.34	895.69	895.15	895.52	896.07
MW-87	911.91	911.91	Installed 8/14									895.8	896.09	895.45	895.8	896.39
MW-88	912.56	912.56	Installed 8/14									896.2	896.83	896.14	896.7	896.97

Measured in feet above mean sea level
 NA- water level not available Well

A.7 Other

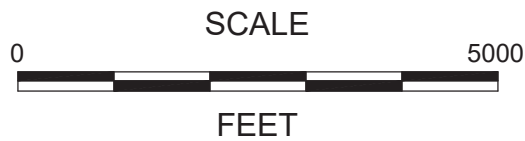
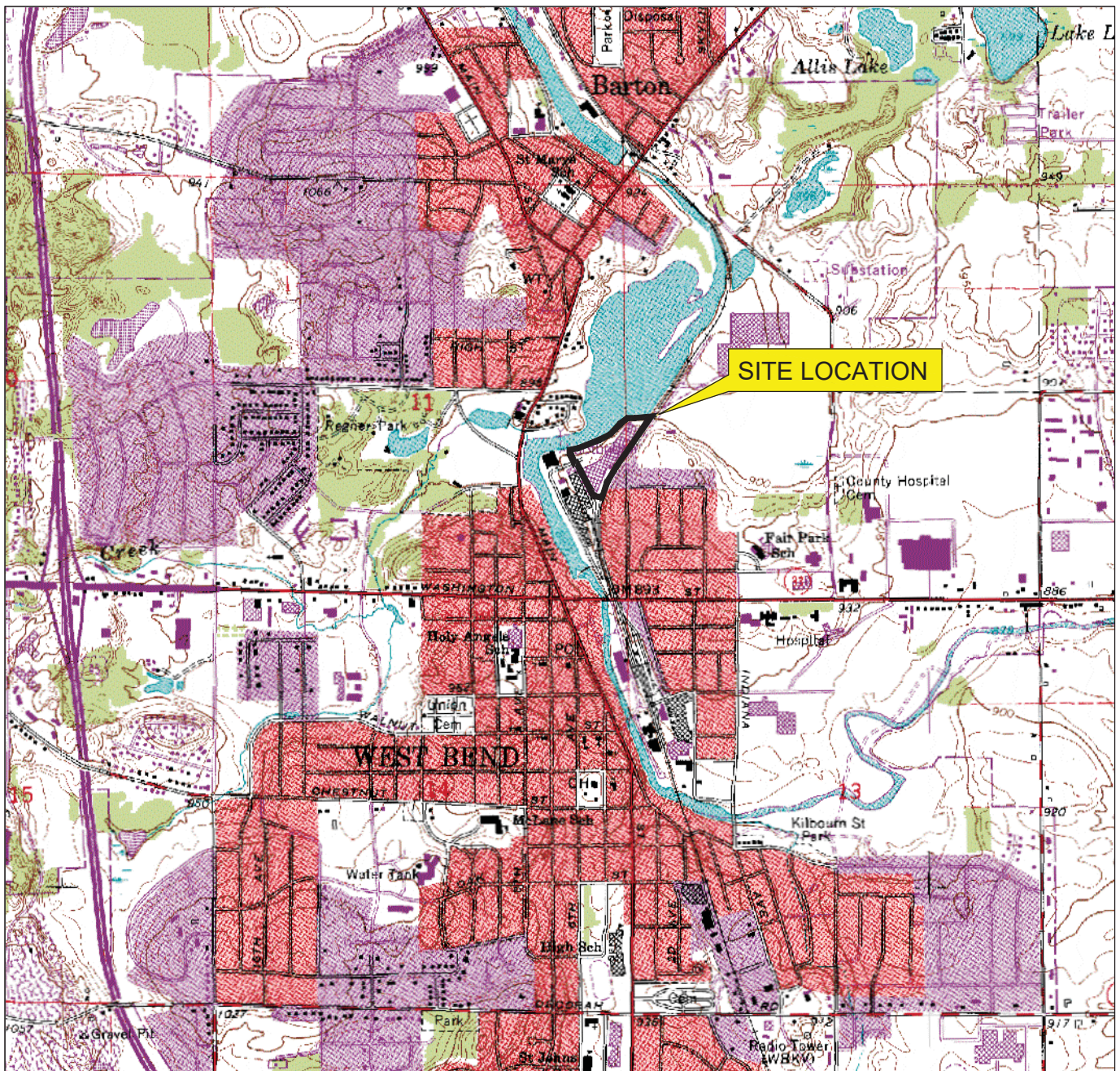
Not Applicable – No engineered remedial systems were used at Area 1 under BRRTS # 02-67-5558358 with the exception of chemical oxidation as described in Attachment C.

B.1 Location Maps

B.1.a.: Location Map

B.1.b.: Detailed Site Map

B.1.c.: RR Site Map



National Geodetic Vertical Datum of 1929
Contour Interval 10 Feet



TITLE: THE FORMER WEST BEND COMPANY
SITE LOCATION MAP

LOCATION: WEST BEND, WISCONSIN



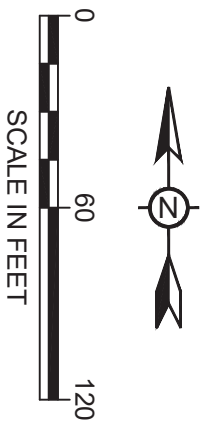
TETRA TECH

CHECKED	MRN	FIGURE: B1a
DRAFTED	HJW	
PROJECT	4170.009	
DATE	3/23/12	

BASE MAP FROM U.S.G.S 7.5' WEST BEND,
WISCONSIN TOPOGRAPHIC QUADRANGLE MAP.

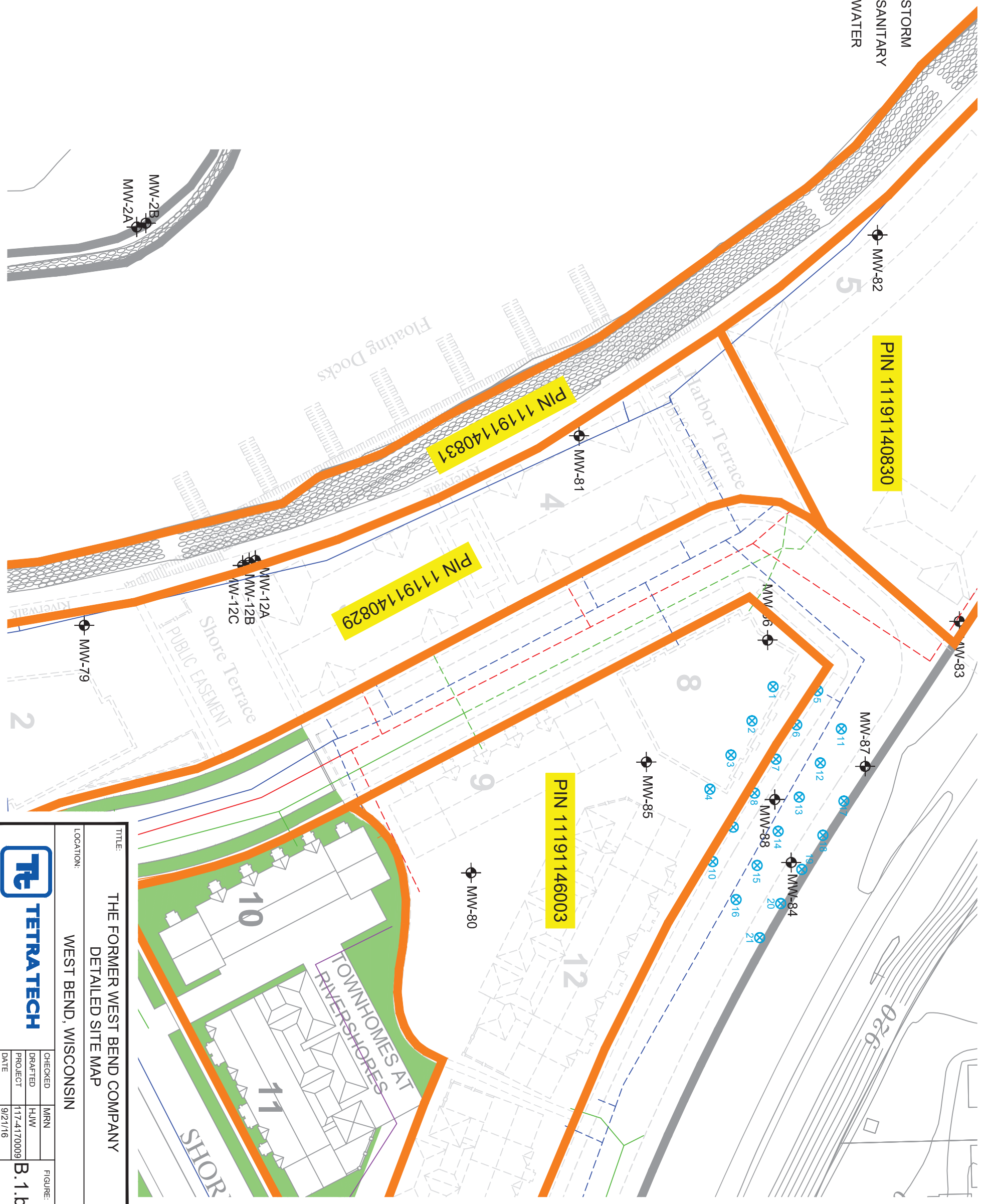
UTILITIES

- STORM
- SANITARY
- GAS
- ELECTRIC
- WATER
- PROPOSED STORM
- PROPOSED SANITARY
- PROPOSED WATER



EXPLANATION

- ⊕ MW-12 GROUNDWATER MONITOR WELL
- ⊗ 1 INJECTION WELL



TITLE:
**THE FORMER WEST BEND COMPANY
DETAILED SITE MAP**

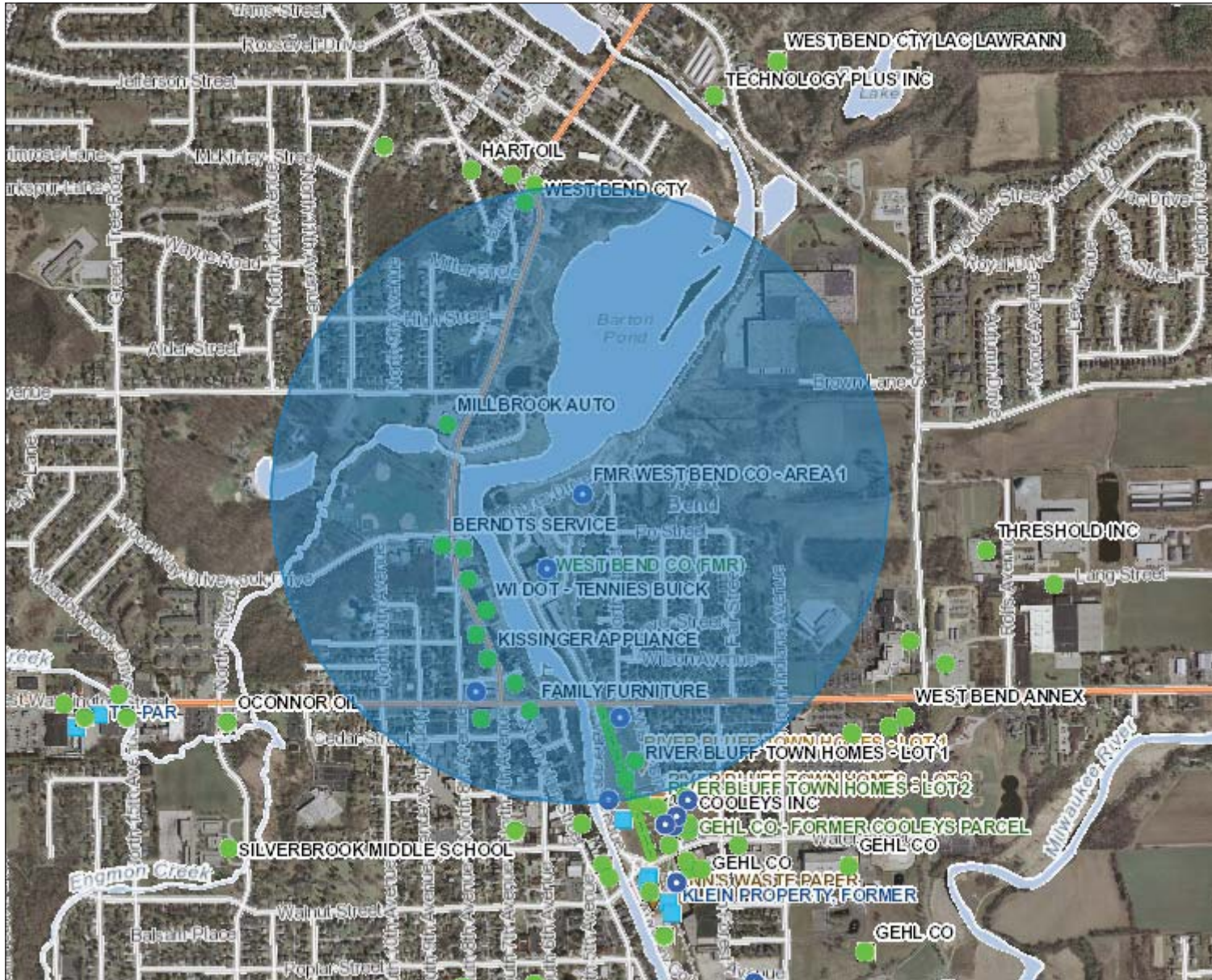
LOCATION:
WEST BEND, WISCONSIN



CHECKED	MRN	FIGURE:
DRAFTED	HJW	B.1.b
PROJECT	117-4170009	
DATE	9/21/16	



B.1.c.



Legend

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

0.5 0 0.25 0.5 Miles

NAD_1983_HARN_Wisconsin_TM

© Latitude Geographics Group Ltd.

1: 15,840



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Note: Not all sites are mapped.

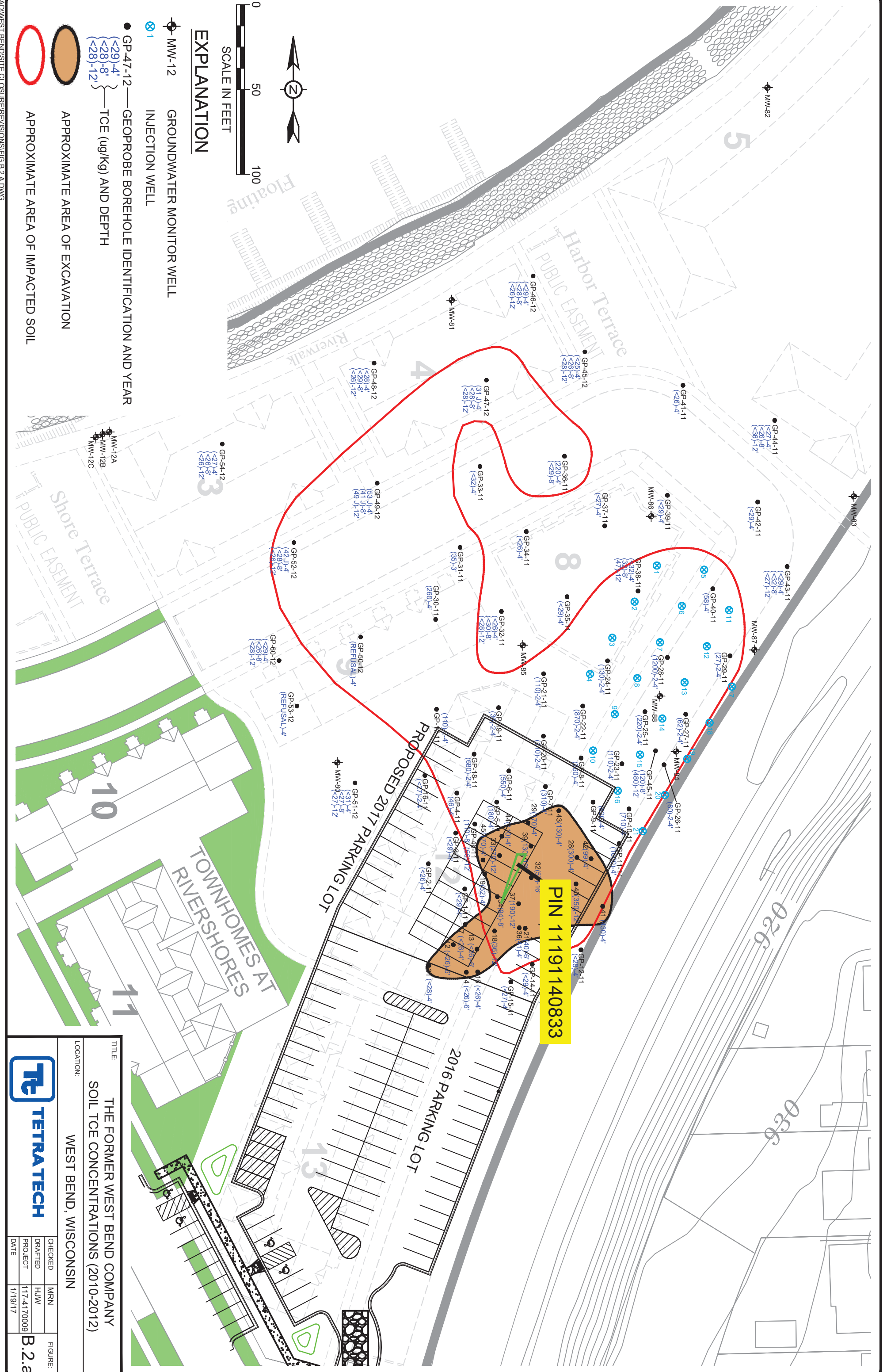
Notes

All open and closed sites within a half-mile radius from FMR West Bend Co-Area 1





B.2 Soil Figures

B.2.a: Soil TCE Concentrations (2010-2012)

B.2.b: Residual Soil TCE Concentrations (2010-2012)



EXPLANATION


- 
 MW-12 GROUNDWATER MONITOR WELL
- 
 INJECTION WELL
- 
 GP-47-12 GEOPROBE BOREHOLE IDENTIFICATION AND YEAR
- 
 TCE (ug/kg) AND DEPTH

- 
 APPROXIMATE AREA OF EXCAVATION
- 
 APPROXIMATE AREA OF IMPACTED SOIL



TITLE:
 THE FORMER WEST BEND COMPANY
 SOIL TCE CONCENTRATIONS (2010-2012)

LOCATION:
 WEST BEND, WISCONSIN

	CHECKED	MFRN	FIGURE: B.2.a
	DRAFTED	HJW	
	PROJECT	117.4170009	
	DATE	1/19/17	

PIN 11191140833

PIN 11191140830






PIN 11191140833

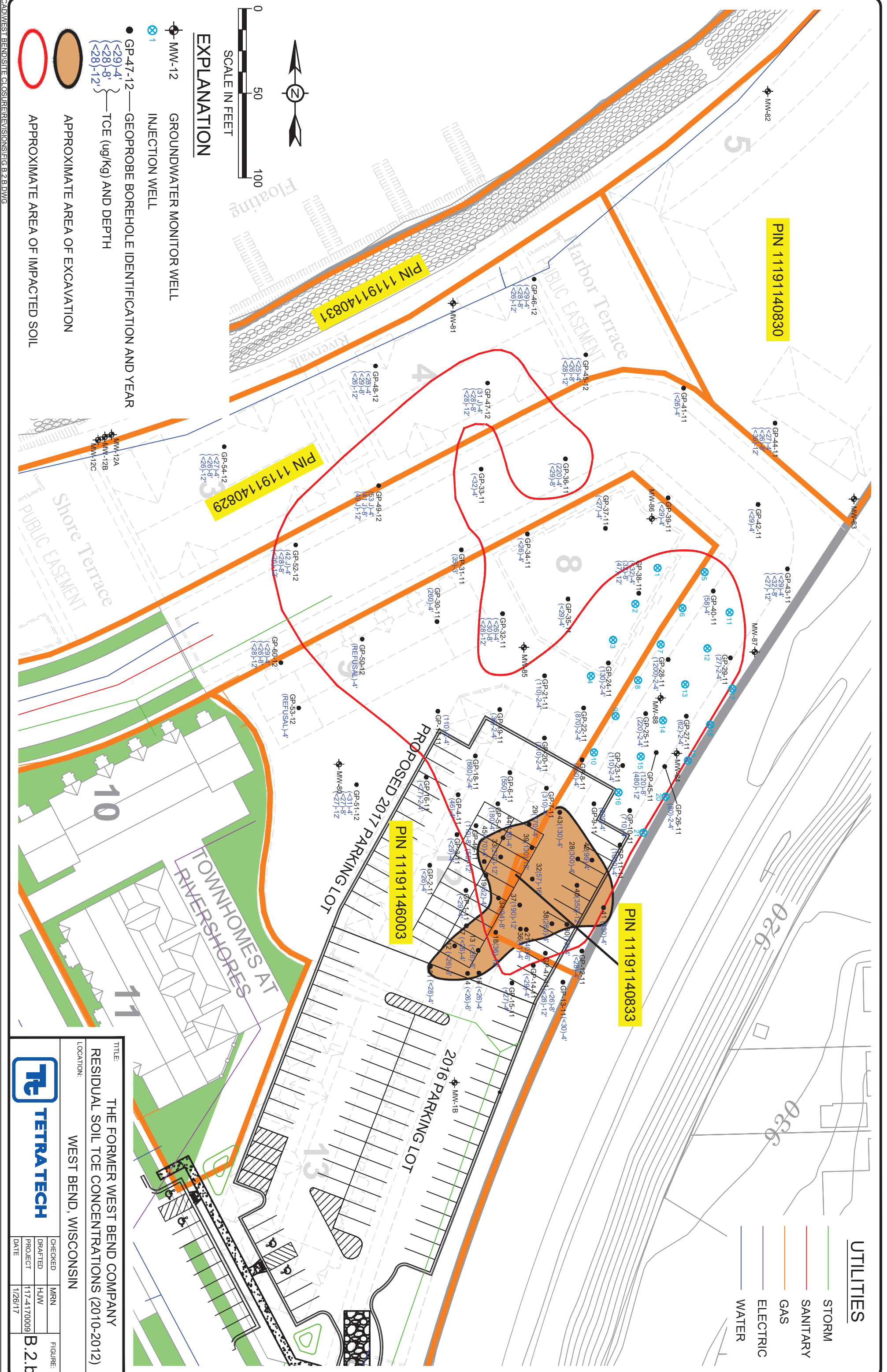
PIN 11191146003

PIN 11191140831







PIN 11191140829

UTILITIES

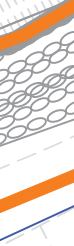
-  STORM
-  SANITARY
-  GAS
-  ELECTRIC
-  WATER



EXPLANATION


-  GROUNDWATER MONITOR WELL
-  INJECTION WELL
-  GEOPROBE BOREHOLE IDENTIFICATION AND YEAR
-  TCE (ug/kg) AND DEPTH
-  APPROXIMATE AREA OF EXCAVATION
-  APPROXIMATE AREA OF IMPACTED SOIL

SCALE IN FEET



0 50 100

N



TITLE:
THE FORMER WEST BEND COMPANY
RESIDUAL SOIL TCE CONCENTRATIONS (2010-2012)

LOCATION:
WEST BEND, WISCONSIN



TETRA TECH

CHECKED	MNR	FIGURE:
DRAFTED	HJW	B.2.b
PROJECT	117.4170009	
DATE	1/26/17	

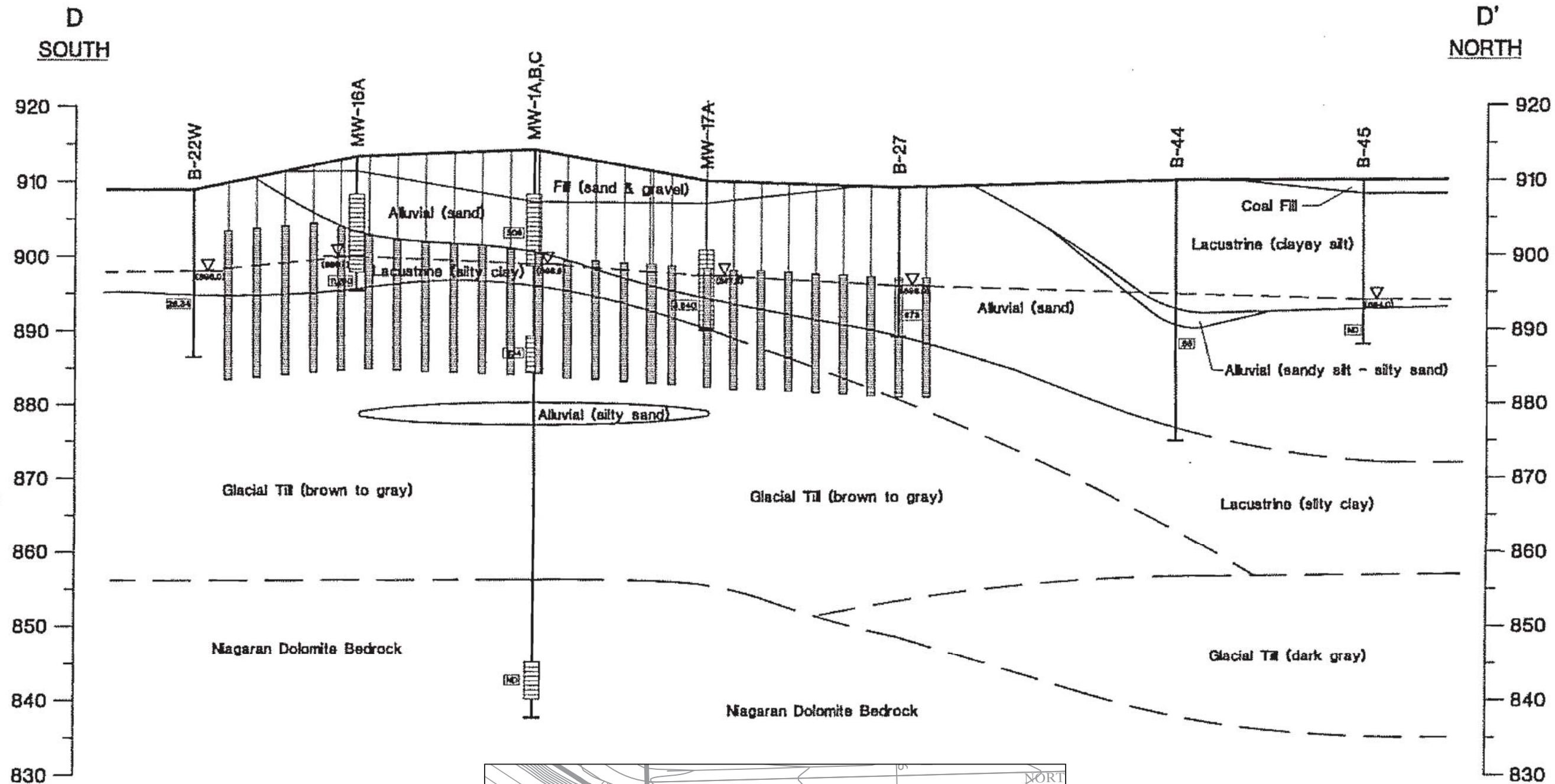
B.3 Groundwater Figures

B.3.a.: Geologic Cross Section

B.3.b.: Groundwater Isoconcentration

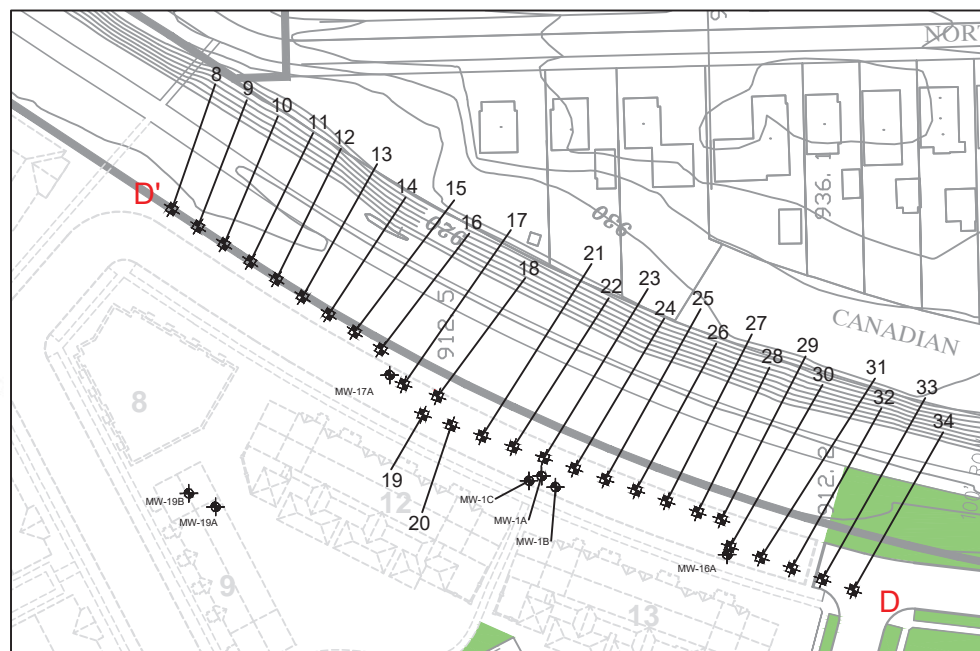
B.3.c.: Groundwater Flow Direction

B.3.d.: Monitoring Wells



EXPLANATION

- FILL** - composition from remobilized site soils consisting of mixtures of sand, gravel, silt, and clay to similar soils containing some wood, slag, and brick remnants
- ALLUVIAL** - brown sand, silty sand, and sandy silt, poorly graded, loose to dense, and damp to wet
- LACUSTRINE** - brown to yellowish brown clayey silt to silt, fractures observed in soil borohole samples, very stiff to hard, and damp to moist
- GLACIAL TILL** - dark gray silty clay to clayey silt, trace to a little coarse sand and gravel, stiff to very stiff, moist
- GLACIAL TILL** - brown to gray silty clay with sand and gravel, appears to have equal percentages of sand, gravel, silt and clay; cementation of soil grains observed in borshole samples, hard, damp to moist
- NIAGARAN DOLOMITE BEDROCK** - white to gray dolomite, surficial 5-10 ft noted to be weathered during borshole installation
- MAQUOKETA SHALE** - shale and shaley dolomite



SCALE
0 120
Feet
Vertical Exaggeration = 6x

REFERENCE NOTE:

1. GEOLOGIC CROSS SECTION (D-D'), PLATE 13/21, 1-9-96.

TITLE: THE FORMER WEST BEND COMPANY
AREA 1 GEOLOGIC CROSS-SECTION

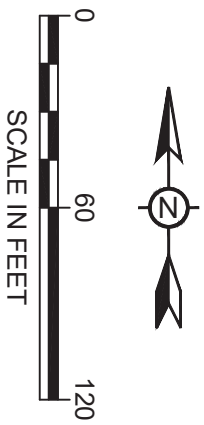
LOCATION: WEST BEND, WISCONSIN



CHECKED	MRN	FIGURE:
DRAFTED	HJW	
PROJECT	117-4170009	B.3.a
DATE	6/28/16	

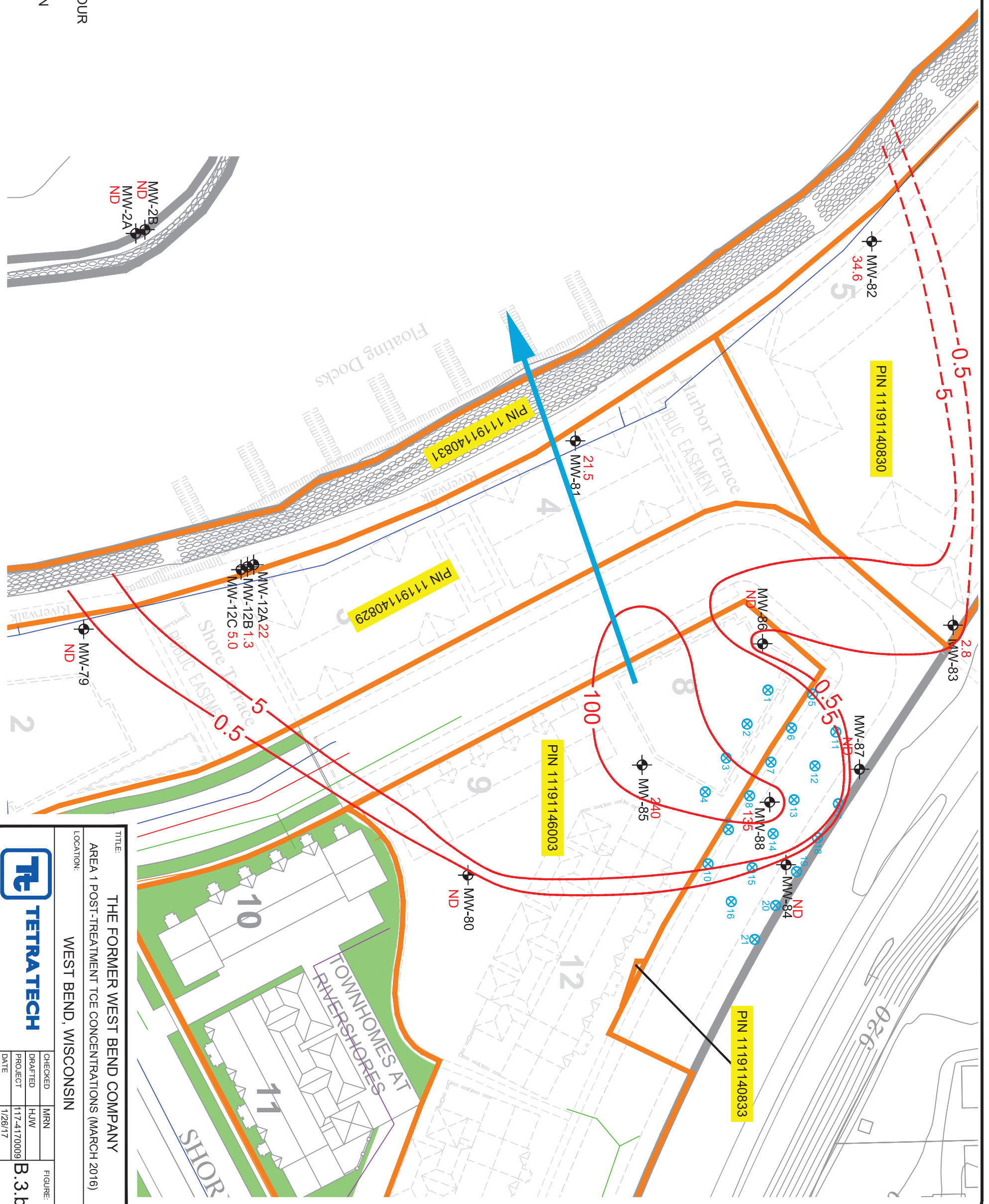
UTILITIES

- STORM
- SANITARY
- GAS
- ELECTRIC
- WATER



EXPLANATION



- ⊕ MW-12 GROUNDWATER MONITOR WELL
- ⊗ 1 INJECTION WELL
- 240 TCE (ug/L)
- ND NOT DETECTED
- 100- TCE ISOCONCENTRATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION



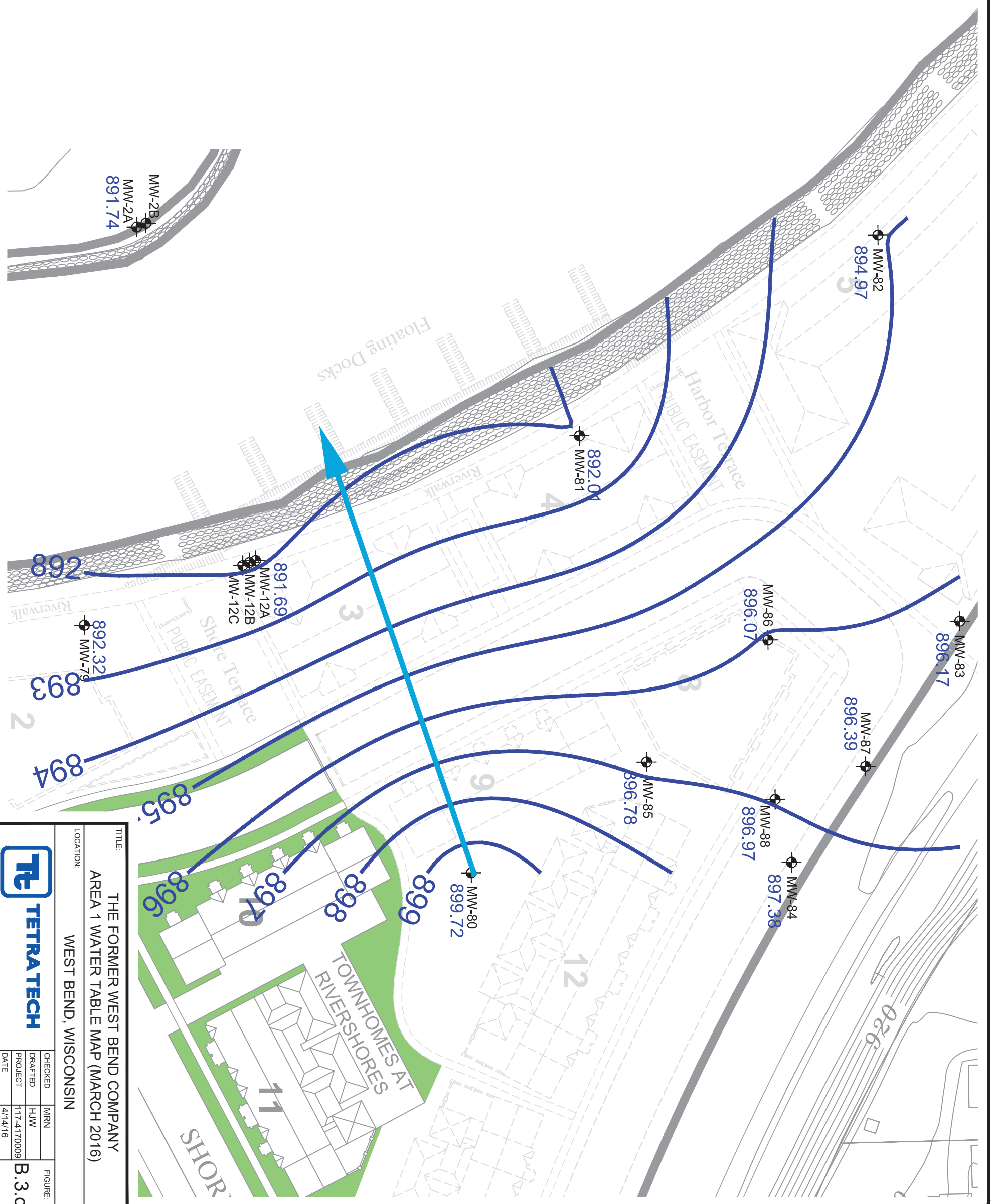
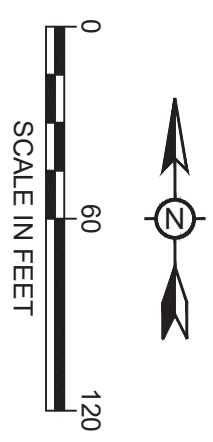
S:\CAD\WEST BEND\SITE CLOSURE\REV\FIG B.3.B.DWG

<p>TITLE: THE FORMER WEST BEND COMPANY AREA 1 POST-TREATMENT TCE CONCENTRATIONS (MARCH 2016)</p>		<p>LOCATION: WEST BEND, WISCONSIN</p>	<p>FIGURE: B.3.b</p>
<p>CHECKED: MRM</p> <p>DRAFTED: HJW</p> <p>PROJECT: 117.4170009</p> <p>DATE: 1/26/17</p>			



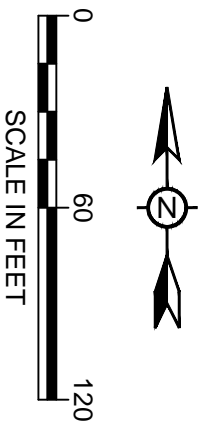
-  MW-12 GROUNDWATER MONITOR WELL
 894.97 WATER TABLE ELEVATION
 (FEET ABOVE MEAN SEA LEVEL)
 WATER TABLE CONTOUR
 GROUNDWATER FLOW DIRECTION

EXPLANATION



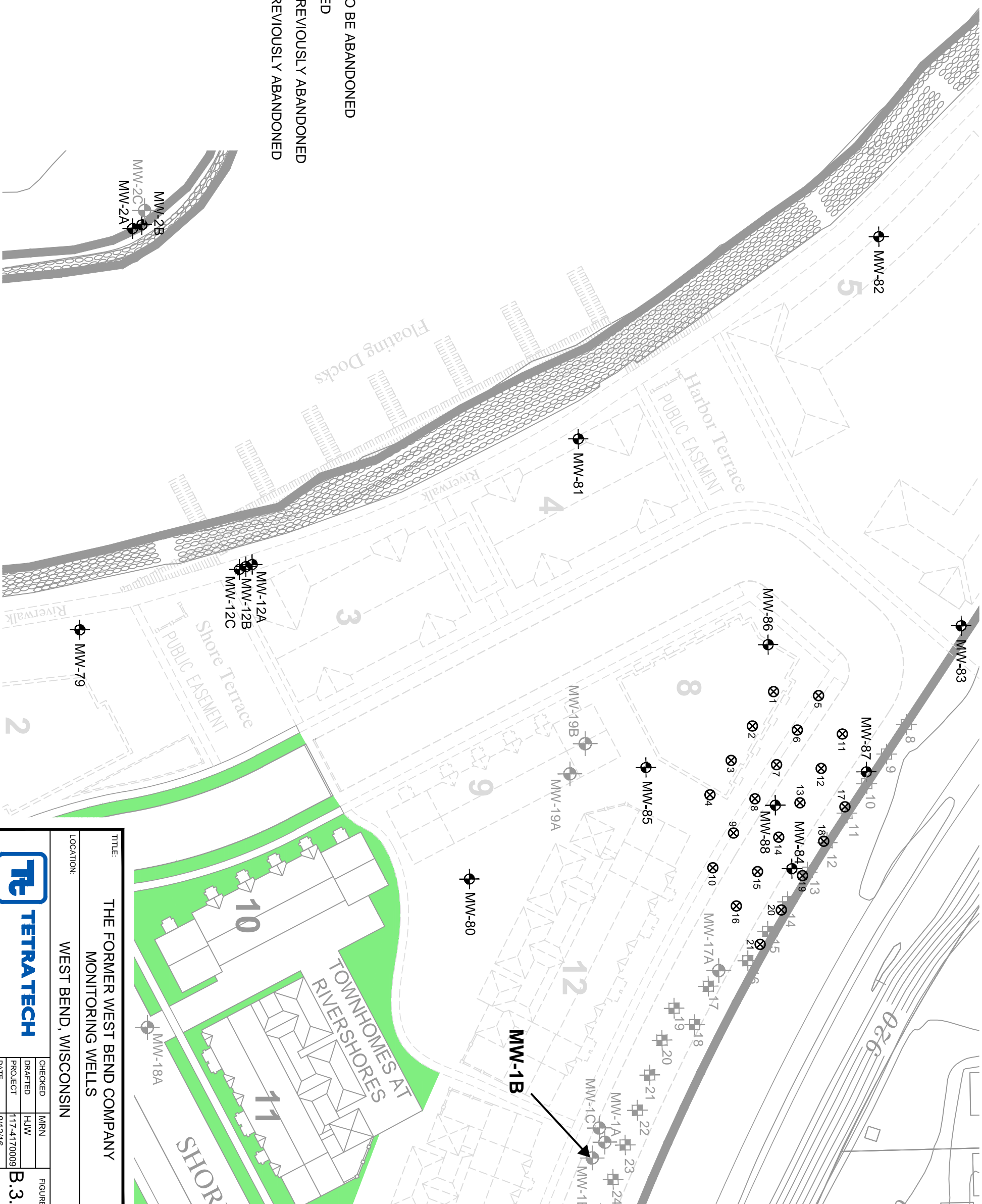
TITLE: THE FORMER WEST BEND COMPANY
 AREA 1 WATER TABLE MAP (MARCH 2016)
 LOCATION: WEST BEND, WISCONSIN

	CHECKED	MARN	FIGURE:
	DRAFTED	HJW	
PROJECT	117-4170009		DATE
DATE	4/14/16		



EXPLANATION

- MW-12 GROUNDWATER MONITOR WELL TO BE ABANDONED
- 1 INJECTION WELL TO BE ABANDONED
- MW-2C GROUNDWATER MONITOR WELL PREVIOUSLY ABANDONED
- 8 SOIL VAPOR EXTRACTION WELL PREVIOUSLY ABANDONED



TITLE: THE FORMER WEST BEND COMPANY MONITORING WELLS
 LOCATION: WEST BEND, WISCONSIN



CHECKED	MRN	FIGURE:
DRAFTED	HJW	B.3.d
PROJECT	117-4170009	
DATE	9/12/16	

B.4 Vapor Maps and Other Figures

B.4.a.: Vapor Intrusion Map

Not Applicable

B.4.b.: Other Media of Concern

Not Applicable

B.5 Structural Impediment Photos

Not Applicable, no structural impediments on site.

C.1 Site Investigation Documentation

All site investigation documentation has been previously submitted and is in WDNR files.

The most recent submittal was dated March 22, 2016 (Progress Report)

C.2 Investigative Waste Disposal Documentation

Individual truckload manifests and landfill scale tickets are available upon request from Tetra Tech files.



INVOICE

Customer: **GEO TRANS INC**
 Account Number: **953-0003424-2286-2**
 Invoice Date: **11/15/2010**
 Invoice Number: **0036671-2286-9**
 Due Date: **Due Upon Receipt**
 WM ezPay Account ID: **00008-86245-83000**

DIRECT INQUIRIES ONLY TO:
 Waste Management of WI-MN Orchard Ridge
 W132 N10487 Grant Drive
 Germantown WI 53022
 (800) 963-4776 Technical Svc Center
 (866) 800-2591 Fax
 TSCMidwest@wm.com

Current Invoice Amount	Total Amount Due
24,898.95	81,601.65

Account Summary

Description	Amount
Previous Balance	56,702.70
Total Credits and Adjustments	0.00
Total Payments Received	0.00
Total Current Charges	24,898.95
Total Amount Due	81,601.65
Total Amount Past Due	0.00

Please pay total amount due. Thank you for your business.

Service Period: NOV 01-15, 2010

Description	Amount
Landfill	24,898.95
Total Current Charges	24,898.95

IF PAYING BY CHECK, MAIL TO PO BOX BELOW WITH PAYMENT COUPON TO AVOID POSTING DELAYS AND SERVICE INTERRUPTIONS. This invoice reflects payments received as of 11/15/2010. Date: 11/16/10

Approval: *MLP*
 PO #: _____
 Priority Code: 2 3

If full payment of the invoiced amount is not received within 30 days of the invoice date, you will be charged a monthly late fee of 1.5% of the unpaid amount, with a minimum monthly charge of \$3.00, or such lesser late fee allowed under applicable law, regulation or contract. For each returned check, a fee will be assessed on your next billing equal to the maximum amount permitted by applicable state law.

117-4170008.19
outside services 117-Milwaukee

Remittance: _____ PWP: Y / N

Want to pay this bill on-line? Go to www.wm.com to learn more about WMezPay and make a convenient, secure payment.

Current Due	Over 30	Over 60	Over 90	Over 120	Total Due
81,601.65	0.00	0.00	0.00	0.00	81,601.65



Payment Coupon

Please detach and send with checks only (no cash).
 Please send all other correspondence to your local WM site.

Your Account Number		
953-0003424-2286-2		
Invoice Date	Your Invoice Number	
11/15/2010	0036671-2286-9	
Due Date	Total Due	Amount Paid
Upon Receipt	81,601.65	

Pay your WM bill online at www.wm.com. To pay by phone, call 866-964-2729.

DIRECT INQUIRIES ONLY TO:
 Waste Management of WI-MN Orchard Ridge
 W132 N10487 Grant Drive
 Germantown WI 53022
 (800) 963-4776 Technical Svc Center
 (866) 800-2591 Fax
 TSCMidwest@wm.com

Learn how we Think Green at www.wm.com/thinkgreen

22869530003424000366710000248989500008160165 6

0001493 02 AB 0.485 **AUTO T9 1 4822 53045-580225 CP1 10401L85

GEO TRANS INC
 175 N CORPORATE DR SUITE 100
 BROOKFIELD WI 53045-8802

WASTE MANAGEMENT OF WI-MN
 PO BOX 4848
 CAROL STREAM IL 60187-4848

From everyday collection to environmental protection,
 Think Green. Think Waste Management.




00008624583000

NOTICE: By sending your check, you are authorizing Waste Management to use information on your check to make a one-time electronic debit to your account at the financial institution indicated on your check. This electronic debit will be for the amount of your check and may occur as soon as the same day we receive your check. If you have questions regarding this check conversion process only, please call 866-701-0454. For any other unrelated issues, please contact the phone number listed on the front of your invoice.



DIRECT INQUIRIES ONLY TO:
 Waste Management of WI-MN Orchard Ridge
 W132 N10487 Grant Drive
 Germantown WI 53022

Customer: 
 Account Number: 953-0003424-2286-2
 Invoice Date: 11/15/2010
 Invoice Number: 0036671-2286-9
 Due Date: Due Upon Receipt
 WM ezPay Account ID: 00008-86245-83000

GEO TRANS INC

953-0003424-2286-2

11/15/2010

0036671-2286-9

Due Upon Receipt

00008-86245-83000

Service Location: 953-3424 Geo Trans Inc; 175 N Corporate Dr Suite 100; Brookfield WI 53045-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
11/01/10	889409	Veh#:18 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56279	18.63	TON	15.00	279.45
11/01/10	889413	Veh#:30 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56280	20.85	TON	15.00	312.75
11/01/10	889414	Veh#:29 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56281	17.05	TON	15.00	255.75
11/01/10	889415	Veh#:34 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56282	18.28	TON	15.00	274.20
11/01/10	889419	Veh#:20 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # see	18.72	TON	15.00	280.80
11/01/10	889421	Veh#:105 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56284	17.25	TON	15.00	258.75
1/01/10	889428	Veh#:104 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56285	23.13	TON	15.00	346.95
1/01/10	889432	Veh#:112 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56286	19.30	TON	15.00	289.50
1/01/10	889436	Veh#:1 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56287	15.70	TON	15.00	235.50
1/01/10	889443	Veh#:70 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56288	15.53	TON	15.00	232.95
1/01/10	889444	Veh#:78 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56289	18.31	TON	15.00	274.65
1/01/10	889449	Veh#:101				

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Service Location: 853-3424 Geo Trans Inc: 175 N Corporate Dr Suite 100 Brookfield WI 53005-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56290	22.32	TON	15.00	334.80
11/01/10	889450	Veh#:61 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56291	16.95	TON	15.00	254.25
11/01/10	889452	Veh#:108 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56292	18.62	TON	15.00	279.30
11/01/10	889456	Veh#:106 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56293	18.58	TON	15.00	278.70
11/01/10	889458	Veh#:00 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56294	18.29	TON	15.00	274.35
11/01/10	889459	Veh#:01 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56295	17.03	TON	15.00	255.45
11/01/10	889486	Veh#:18 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56296	18.42	TON	15.00	276.30
11/01/10	889489	Veh#:29 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56297	18.88	TON	15.00	283.20
11/01/10	889492	Veh#:34 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56298	19.01	TON	15.00	285.15
11/01/10	889499	Veh#:20 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56300	19.54	TON	15.00	293.10
11/01/10	889500	Veh#:105 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56301	19.47	TON	15.00	292.05
11/01/10	889504	Veh#:30 Spwaste voc rgc Profile # dcv103318wi Generator itw	21.43	TON	15.00	321.45



DIRECT INQUIRIES ONLY TO:
Waste Management of WI-MN Orchard Ridge
W132 N10487 Grant Drive
Germantown WI 53022

Account Number: 953-0003424-2286-2
Invoice Date: 11/15/2010
Invoice Number: 0036671-2286-9
Due Date: Due Upon Receipt
WM ezPay Account ID: 00008-86245-83000

Service Location: 953-3424 Geo Trans Inc: 175 N Corporate Dr Suite 100: Brookfield WI 53045-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
11/01/10	889505	Manifest # 56299 Veh#:104 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56302	18.79	TON	15.00	281.85
11/01/10	889506	Veh#:112 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56303	19.82	TON	15.00	297.30
11/01/10	889510	Veh#:1 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56305	18.51	TON	15.00	277.65
11/01/10	889517	Veh#:78 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56306	19.16	TON	15.00	287.40
11/01/10	889521	Veh#:101 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56307	19.65	TON	15.00	294.75
11/01/10	889522	Veh#:61 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56308	20.95	TON	15.00	314.25
11/01/10	889531	Veh#:108 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56309	20.64	TON	15.00	309.60
11/01/10	889535	Veh#:106 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56310	19.82	TON	15.00	297.30
11/01/10	889542	Veh#:00 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56311	20.74	TON	15.00	311.10
11/01/10	889543	Veh#:1 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56312	16.62	TON	15.00	249.30
11/01/10	889557	Veh#:18 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56313	22.83	TON	15.00	342.45
11/01/10	889560	Veh#:29				

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FOR MORE INFORMATION OR TO PLACE AN ORDER, CONTACT US AT 800-368-5847

Service Location: 953-3424 Geo Trans Inc: 175 N Corporate Dr Suite 100 Brookfield WI 53005-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56314	18.74	TON	15.00	281.10
11/01/10	889582	Veh#:20 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56315	21.70	TON	15.00	325.50
11/01/10	889584	Veh#:105 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56316	20.71	TON	15.00	310.65
11/01/10	889592	Veh#:30 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56317	19.50	TON	15.00	292.50
11/01/10	889597	Veh#:104 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56318	16.80	TON	15.00	249.00
11/01/10	889598	Veh#:112 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56319	17.77	TON	15.00	266.55
11/01/10	889602	Veh#:1 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56320	20.76	TON	15.00	311.40
11/01/10	889606	Veh#:78 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56321	22.16	TON	15.00	332.40
11/01/10	889609	Veh#:101 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56322	18.16	TON	15.00	272.40
11/01/10	889610	Veh#:61 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56323	20.17	TON	15.00	302.55
11/01/10	889620	Veh#:108 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56324	21.64	TON	15.00	324.60
11/01/10	889626	Veh#:106 Spwaste voc rgc Profile # dcv103318wi Generator itw	21.51	TON	15.00	322.65



WASTE MANAGEMENT

DIRECT INQUIRIES ONLY TO:
Waste Management of WI-MN Orchard Ridge
N132 N10487 Grant Drive
Sermantown WI 53022

Account Number: 853-0003424-2286-2
Invoice Date: 11/15/2010
Invoice Number: 0036671-2286-9
Due Date: Due Upon Receipt
WM ezPay Account ID: 00008-86245-83000

Service Location: 953-3424 Geo Trans Inc: 175 N Corporate Dr Suite 100: Brookfield WI 53045-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
1/01/10	889630	Manifest # 56325 Veh#:00 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56326	22.91	TON	15.00	343.65
1/01/10	889632	Veh#:01 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56327	20.31	TON	15.00	304.65
11/01/10	889642	Veh#:18 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56328	18.10	TON	15.00	271.50
11/01/10	889643	Veh#:29 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56329	18.94	TON	15.00	284.10
11/01/10	889656	Veh#:34 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56330	17.62	TON	15.00	264.30
11/01/10	889662	Veh#:70 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56331	20.50	TON	15.00	307.50
11/01/10	889665	Veh#:30 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56332	16.40	TON	15.00	246.00
11/01/10	889668	Veh#:105 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56333	22.36	TON	15.00	335.40
11/01/10	889678	Veh#:104 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56334	22.27	TON	15.00	334.05
11/01/10	889684	Veh#:30 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56335	22.50	TON	15.00	337.50
11/01/10	889685	Veh#:112 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56336	23.68	TON	15.00	355.20
11/01/10	889688	Veh#:1				

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Service Location: 859-3424 Geo Trans Inc: 179 N Corporate Dr Suite 100, Brookfield WI 53005-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
11/01/10	889701	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56337 Veh#:78	22.72	TON	15.00	340.80
11/01/10	889703	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56338 Veh#:101	22.52	TON	15.00	337.80
11/01/10	889704	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56339 Veh#:61	21.11	TON	15.00	316.65
11/01/10	889715	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56340 Veh#:108	27.11	TON	15.00	406.65
11/01/10	889718	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56341 Veh#:106	22.39	TON	15.00	335.85
11/01/10	889732	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56342 Veh#:00	18.70	TON	15.00	280.50
11/01/10	889738	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56443 Veh#:01	22.89	TON	15.00	343.35
11/01/10	889744	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56344 Veh#:18	17.35	TON	15.00	260.25
11/01/10	889745	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56345 Veh#:29	20.51	TON	15.00	307.65
11/01/10	889751	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56346 Veh#:34	21.15	TON	15.00	317.25
11/01/10	889758	Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56347 Veh#:20	19.18	TON	15.00	287.70
11/01/10		Spwaste voc rgc Profile # dcv103318wi Generator itw	19.77	TON	15.00	296.55



DIRECT INQUIRIES ONLY TO:
Waste Management of WI-MN Orchard Ridge
W132 N10487 Grant Drive
Germantown WI 53022

Account Number: 953-0003424-2286-2
Invoice Date: 11/15/2010
Invoice Number: 0036671-2286-9
Due Date: Due Upon Receipt
WM ezPay Account ID: 00008-86245-83000

Service Location: 853-3424 Geo Trans, Inc: 175 N Corporate Dr Suite 100: Brookfield WI 53045-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
11/01/10	889760	Manifest # 56348 Veh#:105 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56349	21.50	TON	15.00	322.50
11/01/10	889763	Veh#:104 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56350	11.89	TON	15.00	178.35
11/01/10	889769	Veh#:30 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56351	22.19	TON	15.00	332.85
11/01/10	889772	Veh#:112 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56352	21.58	TON	15.00	323.70
11/01/10	889778	Veh#:1 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56353	20.85	TON	15.00	312.75
11/01/10	889779	Veh#:78 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56354	23.28	TON	15.00	349.20
11/01/10	889785	Veh#:101 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56355	23.36	TON	15.00	350.40
11/01/10	889786	Veh#:61 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56356	20.03	TON	15.00	300.45
11/01/10	889802	Veh#:108 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56357	24.34	TON	15.00	365.10
11/01/10	889803	Veh#:108 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56358	16.72	TON	15.00	250.80
11/01/10	889816	Veh#:00 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56359	22.64	TON	15.00	339.60
11/01/10	889817	Veh#:01				

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Service Location: 953-3424 Geo Trans Inc, 175 N Corporate Dr, Suite 100, Brookfield, WI 53045-5502

Date	Ticket	Description	Quantity	U/M	Rate	Amount
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56360	19.80	TON	15.00	297.00
11/02/10	889939	Veh#:20 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56361	19.92	TON	15.00	298.80
11/02/10	890020	Veh#:20 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56362	22.60	TON	15.00	339.00
		Late payment fee				0.00
Total Current Charges						24,898.95



INVOICE

WASTE MANAGEMENT

DIRECT INQUIRIES ONLY TO:
Waste Management of WI-MN Orchard Ridge
W132 N10487 Grant Drive
Germantown WI 53022
(800) 963-4776 Technical Svc Center
(866) 800-2591 Fax
TSCMidwest@wm.com

#2

Customer: GEO TRANS INC
Account Number: 953-0003424-2286-2
Invoice Date: 12/01/2010
Invoice Number: 0036800-2286-4
Due Date: Due Upon Receipt
WM ezPay Account ID: 00008-86245-83000

Current Invoice Amount	Total Amount Due
6,103.80	31,002.75

Account Summary

Description	Amount
Previous Balance	81,601.65
Total Credits and Adjustments	0.00
Total Payments Received	56,702.70
Total Current Charges	6,103.80
Total Amount Due	31,002.75
Total Amount Past Due	24,898.95

Service Period: NOV 16-30, 2010

Please pay total amount due. Thank you for your business.

IF PAYING BY CHECK, MAIL TO PO BOX 4648 WITH PAYMENT COUPON TO AVOID POSTING DELAYS AND SERVICE INTERRUPTIONS. This invoice reflects payments received as of 11/29/2010.

Description	Amount
Landfill	6,103.80
Total Current Charges	6,103.80

Processor: *M*

Routing: *6,103.80*

Priority Code: 2 3

Project / Task: *117-4170008-19*

If full payment of the invoiced amount is not received within 30 days of the invoice date, you will be charged a monthly late fee of 1.5% of the unpaid amount, with a minimum monthly charge of \$3.00, or such lesser late fee allowed under applicable law, regulation or contract. For each returned check, a fee will be assessed on your next billing equal to the maximum amount permitted by applicable state law.

Outside Service 117-Milwaukee

Pay Date: *Y / N* PWP: *Y / N*

Want to pay this bill on-line? Go to www.wm.com to learn more about WMezPay and make a convenient, secure payment.

Current Due	Over 30	Over 60	Over 90	Over 120	Total Due
6,103.80	24,898.95	0.00	0.00	0.00	31,002.75



DIRECT INQUIRIES ONLY TO:
Waste Management of WI-MN Orchard Ridge
W132 N10487 Grant Drive
Germantown WI 53022
(800) 963-4776 Technical Svc Center
(866) 800-2591 Fax
TSCMidwest@wm.com

Learn how we Think Green at www.wm.com/thinkgreen

Payment Coupon

Please detach and send with checks only (no cash).
Please send all other correspondence to your local WM site.

Your Account Number		953-0003424-2286-2
Invoice Date	Your Invoice Number	
12/01/2010	0036800-2286-4	
Due Date	Total Due	Amount Paid
Upon Receipt	31,002.75	

Pay your WM bill online at www.wm.com. To pay by phone, call 866-964-2729.

22869530003424000368000000061038000003100275 7

0013883 01 AB 0.360 **AUTO T7 0 4836 53045-580225 CP1 10401L88

GEO TRANS INC
176 N CORPORATE DR SUITE 100
BROOKFIELD WI 53045-5802

WASTE MANAGEMENT OF WI-MN
PO BOX 4648
CAROL STREAM IL 60197-4648

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FOR CHANGE OF ADDRESS OR ANY SERVICE ISSUES CONTACT NUMBER ON PAGE 4



00008624583000



DIRECT INQUIRIES ONLY TO:
 Waste Management of WI-MN Orchard Ridge
 W132 N10487 Grant Drive
 Germantown WI 53022

Customer: GEO TRANS INC
 Account Number: 953-0003424-2286-2
 Invoice Date: 12/01/2010
 Invoice Number: 0036800-2286-4
 Due Date: Due Upon Receipt
 WM ezPay Account ID: 00008-86245-83000

Service Location: 953-3424 Geo Trans Inc: 175 N Corporate Dr Suite 100: Brookfield WI 53045-6802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
11/18/10	894993	Veh#:18 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56363	16.02	TON	15.00	240.30
11/18/10	894994	Veh#:34 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56364	17.24	TON	15.00	258.60
11/18/10	894996	Veh#:29 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56365	14.17	TON	15.00	212.55
11/18/10	894999	Veh#:20 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56366	13.73	TON	15.00	205.95
11/18/10	895003	Veh#:26 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56367	14.19	TON	15.00	212.85
11/18/10	895005	Veh#:104 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56368	15.69	TON	15.00	235.35
11/18/10	895010	Veh#:105 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56369	11.96	TON	15.00	179.40
11/18/10	895013	Veh#:112 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56370	13.48	TON	15.00	202.20
11/18/10	895040	Veh#:18 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56371	23.46	TON	15.00	351.90
11/18/10	895046	Veh#:29 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56373	18.70	TON	15.00	280.50
11/18/10	895054	Veh#:34 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56372	22.47	TON	15.00	337.05
11/18/10	895055	Veh#:26				

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FOR SERVICE INQUIRIES CONTACT NUMBER ON PAGE 1

Service Location: 853 3424 Geo Trans Inc: 175 N Corporate Dr Suite 100: Brookfield WI 53005-5902

Date	Ticket	Description	Quantity	U/M	Rate	Amount
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56374	22.47	TON	15.00	337.05
11/18/10	895058	Veh#:104				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56375	13.77	TON	15.00	206.55
11/18/10	895062	Veh#:105				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 5676	19.68	TON	15.00	295.20
11/18/10	895065	Veh#:112				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56378	19.68	TON	15.00	295.20
11/18/10	895094	Veh#:20				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56377	20.79	TON	15.00	311.85
11/18/10	895097	Veh#:18				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56379	16.29	TON	15.00	244.35
11/18/10	895107	Veh#:29				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56380	15.93	TON	15.00	238.95
11/18/10	895108	Veh#:34				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56381	16.58	TON	15.00	248.70
11/18/10	895110	Veh#:26				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56382	21.15	TON	15.00	317.25
11/18/10	895116	Veh#:104				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56383	18.12	TON	15.00	271.80
11/18/10	895119	Veh#:105				
		Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56384	19.25	TON	15.00	288.75
11/18/10	895121	Veh#:112				
		Spwaste voc rgc Profile # dcv103318wi Generator itw	22.10	TON	15.00	331.50



WASTE MANAGEMENT

DIRECT INQUIRIES ONLY TO:
Waste Management of WI-MN Orchard Ridge
W132 N10487 Grant Drive
Germantown WI 53022

Account Number: 953-0003424-2286-2
Invoice Date: 12/01/2010
Invoice Number: 0036800-2286-4
Due Date: Due Upon Receipt
WM ezPay Account ID: 00008-86245-83000

Service Location: 953-3424 Geo Trans Inc: 175 N Corporate Dr Suite 100: Brookfield WI 53045-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
		Manifest # 56385				
		Late payment fee				0.00
Total Current Charges						6,103.80

Payments Received Detail

		11/24/2010 Payment - thank you				56,702.70-
Total Payments Received						56,702.70-





INVOICE

WASTE MANAGEMENT

DIRECT INQUIRIES ONLY TO:
Waste Management of WI-MN Orchard Ridge
W132 N10487 Grant Drive
Germantown WI 53022
(800) 963-4776 Technical Svc Center
(866) 800-2591 Fax
TSCMidwest@wm.com

#3

Customer: GEO TRANS INC
Account Number: 953-0003424-2286-2
Invoice Date: 12/15/2010
Invoice Number: 0036880-2286-6
Due Date: Due Upon Receipt
WM ezPay Account ID: 00008-86245-83000

Current Invoice Amount	Total Amount Due
9,270.90	40,273.65

Account Summary

Description	Amount
Previous Balance	31,002.75
Total Credits and Adjustments	0.00
Total Payments Received	0.00
Total Current Charges	9,270.90
Total Amount Due	40,273.65
Total Amount Past Due	24,898.95

Service Period: DEC 01-15, 2010

Description	Amount
Landfill	9,270.90
Total Current Charges	9,270.90

Please pay total amount due. Thank you for your business.

IF PAYING BY CHECK, MAIL TO PO BOX BELOW WITH PAYMENT COUPON TO AVOID POSTING DELAYS AND SERVICE INTERRUPTIONS. This invoice reflects payments received as of 12/14/2010.

Approval: DLM
Amount: 9,270.90
Routing: PO #
Priority Code: 2

If full payment of the invoiced amount is not received within 30 days of the invoice date, you will be charged a monthly late fee of 1.5% of the unpaid amount, with a minimum monthly charge of \$3.00, or such lesser late fee allowed under applicable law, regulation or contract. For each returned check, a fee will be assessed on your next billing equal to the maximum amount permitted by applicable state law.

117-4170 008 19
OUTSIDE SERVICES / 117-MILWAUKEE

Remittance: Y / N Pay Alone: Y / N PWF: / / N

Want to pay this bill on-line? Go to www.wm.com to learn more about WMezPay and make a convenient, secure payment.

Current Due	Over 30	Over 60	Over 90	Over 120	Total Due
15,374.70	24,898.95	0.00	0.00	0.00	40,273.65



Payment Coupon

Please detach and send with checks only (no cash).
Please send all other correspondence to your local WM site.

DIRECT INQUIRIES ONLY TO:
Waste Management of WI-MN Orchard Ridge
W132 N10487 Grant Drive
Germantown WI 53022
(800) 963-4776 Technical Svc Center
(866) 800-2591 Fax
TSCMidwest@wm.com

Learn how we Think Green at www.wm.com/thinkgreen

Your Account Number

953-0003424-2286-2

Pay your WM bill online at www.wm.com. To pay by phone, call 866-964-2729.

Invoice Date

12/15/2010

Your Invoice Number

0036880-2286-6

Due Date	Total Due	Amount Paid
Upon Receipt	40,273.65	

22869530003424000368800000092709000004027365 5

0000559 01 MB 0 382 **AUTO T3 0 4850 53045-580225 CP1 0401L72



GEO TRANS INC
175 N CORPORATE DR SUITE 100
BROOKFIELD WI 53045-5802



WASTE MANAGEMENT OF WI-MN
PO BOX 4648
CAROL STREAM IL 60197-4648

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000088624583000



DIRECT INQUIRIES ONLY TO:
 Waste Management of WI-MN Orchard Ridge
 W132 N10487 Grant Drive
 Germantown WI 53022

Page 3 of 5
 GEO TRANS INC
 Account Number: 953-0003424-2286-2
 Invoice Date: 12/15/2010
 Invoice Number: 0036880-2286-6
 Due Date: Due Upon Receipt
 WM ezPay Account ID: 00008-86245-83000

Service Location: 953-3424 Geo Trans Inc; 175 N Corporate Dr Suite 100; Brookfield WI 53045-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
12/10/10	900998	Veh#:et2 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56386	20.52	TON	15.00	307.80
12/10/10	901003	Veh#:et3 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56388	15.52	TON	15.00	232.80
12/10/10	901008	Veh#:5 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56387	15.77	TON	15.00	236.55
12/10/10	901011	Veh#:3 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # see	21.46	TON	15.00	321.90
12/10/10	901012	Veh#:6 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56390	15.72	TON	15.00	235.80
12/10/10	901013	Veh#:8 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56391	20.59	TON	15.00	308.85
12/10/10	901022	Veh#:55 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56392	20.11	TON	15.00	301.65
12/10/10	901051	Veh#:44 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56393	19.51	TON	15.00	292.65
12/10/10	901073	Veh#:et3 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56394	17.71	TON	15.00	265.65
12/10/10	901076	Veh#:et2 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56395	19.54	TON	15.00	293.10
12/10/10	901081	Veh#:5 Spwaste voc rgc Profile # dcv103318wi Generator itw Manifest # 56396	17.85	TON	15.00	267.75
12/10/10	901091	Veh#:3				

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DIRECT INQUIRIES ONLY TO:
Waste Management of WI-MN Orchard Ridge
W132 N10487 Grant Drive
Germantown WI 53022

Account Number: 953-0003424-2286-2
Invoice Date: 12/15/2010
Invoice Number: 0036880-2286-6
Due Date: Due Upon Receipt
WM ezPay Account ID: 00008-86245-83000

Service Location: 953-3424 Geo Trans Inc., 175 N Corporate Dr Suite 100: Brookfield WI 53045-5802

Date	Ticket	Description	Quantity	U/M	Rate	Amount
12/10/10	901172	Manifest # 56408 Veh#:44 Spwaste voc rgc Profile # dcv103318wi Generator itw	17.03	TON	15.00	255.45
12/10/10	901190	Manifest # 56409 Veh#:et3 Spwaste voc rgc Profile # dcv103318wi Generator itw	17.72	TON	15.00	265.80
12/10/10	901192	Manifest # 56410 Veh#:et2 Spwaste voc rgc Profile # dcv103318wi Generator itw	20.67	TON	15.00	310.05
12/10/10	901195	Manifest # 56411 Veh#:5 Spwaste voc rgc Profile # dcv103318wi Generator itw	15.92	TON	15.00	238.80
12/10/10	901197	Manifest # 56412 Veh#:3 Spwaste voc rgc Profile # dcv103318wi Generator itw	19.59	TON	15.00	293.85
12/10/10	901200	Manifest # 56415 Veh#:6 Spwaste voc rgc Profile # dcv103318wi Generator itw	16.57	TON	15.00	248.55
12/10/10	901201	Manifest # 56413 Veh#:8 Spwaste voc rgc Profile # dcv103318wi Generator itw	22.26	TON	15.00	333.90
12/10/10	901220	Manifest # 56414 Veh#:55 Spwaste voc rgc Profile # dcv103318wi Generator itw	22.21	TON	15.00	333.15
12/10/10	901234	Manifest # 56416 Veh#:44 Spwaste voc rgc Profile # dcv103318wi Generator itw	25.61	TON	15.00	384.15
		Manifest # 56417 Late payment fee				0.00
Total Current Charges						9,270.90

618.06 TONS

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C.3 Description of Methodology

The RCLs used for the site are the same as those contained in the Department's spreadsheet.

C.4 Construction Documentation

No constructed remedial action at this site resulted in an as-built report.

For the two chemical oxidation events, potassium permanganate was applied across the portion of the groundwater plume exceeding 1,000 to 5,000 ppb TCE. The injection well layout shown on Figure B.3.d includes 4 rows of 4 to 6 wells spaced 25 feet apart for a total of 21 injection wells. The wells were installed to a depth of 25 feet with 10 feet of screen located at the bottom. The injection wells were constructed of 1-inch in diameter PVC and completed at approximately one foot above grade. The injection wells were developed and sampled. Samples were analyzed for VOCs to establish baseline concentrations in the treatment area.

With a well spacing of 25 feet, a radius of influence of 12.5 feet, a saturated thickness of 10 feet and a porosity of 25%, the design calculated pore water volume to be treated per injector was approximately 9,000 gallons. Therefore to affect 100% coverage of the target area a total of approximately 190,000 gallons of solution was designed to be injected into the 21 injection wells. To account for the dissolved and adsorbed contaminant mass, natural oxidant demand and a residual oxidant concentration for the downgradient plume, an approximate 2% KMnO_4 solution was to be injected. A 2% solution required approximately 1,430 pounds (4.3 drums) of KMnO_4 per injection well or a total of approximately 30,000 pounds (91 drums).

During the November to December 2012 KMnO_4 injection event, 43 drums (14,300 pounds) of KMnO_4 was mixed with 118,500 gallons of potable water from a fire hydrant and injected into the 21 injection wells.

Between December 2012 and September 2014, 48 drums of KMnO_4 were stored in a secure basement storage area within Building F on site.

During the September to October 2014 KMnO_4 injection event, 41 drums (13,635 pounds) of KMnO_4 was mixed with 80,800 gallons of potable water from a fire hydrant and injected into the 21 injection wells.

Of 91 drums of KMnO_4 originally delivered to the site in 2012, seven were returned to Carus Corporation, the manufacturer, in October 2014 for reclaim and reuse.

Permits and approved work plans for the injection events are in WDNR files.

C.5 Decommissioning of Remedial Systems

All injection wells on Site will be properly abandoned after closure is granted.

C.6 Other

Not applicable to this site

D.1 Descriptions of Maintenance Actions Required for Maximizing Effectiveness of the Engineered Control, Vapor Mitigation System, Feature or other Action for Which Maintenance is required

The residual TCE soil contamination (as of 2012; natural attenuation has likely reduced the 2012 levels) is shown on Figure B.2.a. No engineered barrier or cover system is present on the vacant site and no maintenance of an engineered barrier or cover system is required.

Any excavated soil will require proper management and disposal. See figure B.2.b for the residual soil contamination locations and depths. The TCE soil contamination remains at 2-12 feet below ground surface, located at the south central portion of the Site, mainly around the injection well field and north of the injection well field.

There will be groundwater use restrictions on the Site after closure. The 100 ug/L groundwater iso-contour surrounds monitoring wells MW-85 and MW-88 (Figure B.3.b)

The vapor intrusion migration pathway will require investigation and possibly mitigation in the future if building construction takes place at the site.

D.2 Location Maps

No location maps for features requiring maintenance are necessary as none are present on site.

D.3 Photographs

No photographs of a cover or other performance standard, structural impediment, or vapor mitigation system are available as none are present on the vacant site.

D.4 Inspection Log

No inspection log is required for the vacant site as no maintenance plan is necessary.

Attachment E Monitoring Well Information

MW-1B Monitoring Well Construction Diagram (Field Well Installation Diagram)

MW-1B Well Development Form (see Field Well Installation Diagram)

MW-1B Well Abandonment Form (destroyed during redevelopment)

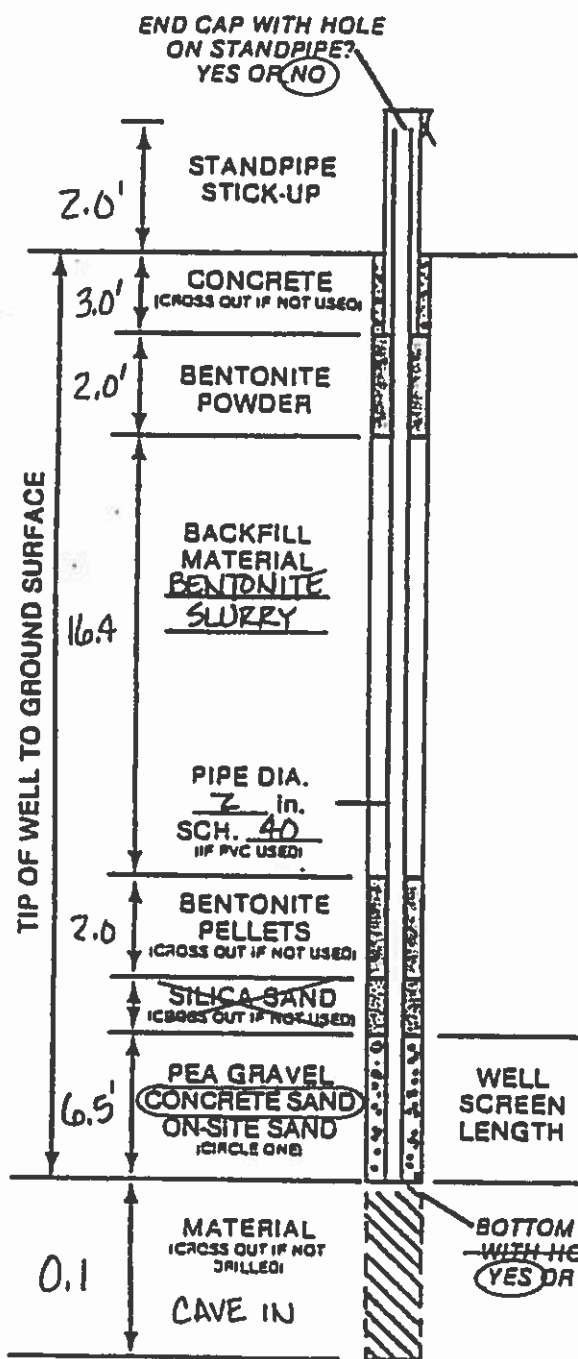
Figure B.2.b indicating MW-1B location

Efforts to locate MW-1B in 2005 concluded that MW-1B was destroyed during redevelopment activities (demolition of buildings)



STS Consultants Ltd.

FIELD WELL INSTALLATION DIAGRAM



- 1) TYPE OF PIPE?
 PVC GALVANIZED, STAINLESS, OTHER _____
- 2) TYPE OF PIPE JOINTS?
BELLED, COUPLINGS, THREADED, OTHER _____
- 3) TYPE OF WELL SCREEN
 PVC, GALVANIZED, STAINLESS, OTHER _____
- 4) SCREEN SIZE .010
- 5) INSTALLED PROTECTOR PIPE W/LOCK? YES OR NO
- 6) WAS SOLVENT USED? YES OR NO
- 7) WAS DRILLING MUD USED? NO
 SOLID AUGER, HOLLOW STEM AUGER,
 WATER, REVERT, BENTONITE
- 8) DID STANDPIPE COME UP WHEN CASING WAS PULLED?
YES OR NO
- 9) HOW WAS WELL DEVELOPED?
 BAILING, PUMPING, SURGING, COMPRESSED AIR
- 10) TIME SPENT FOR WELL DEVELOPMENT?
5 min., 15 min., 30 min., OTHER _____
- 11) APPROXIMATE WATER VOLUME REMOVED OR ADDED?
5 gal., 10 gal., 15 gal., OTHER _____
- 12) WATER CLARITY BEFORE DEVELOPMENT?
 CLEAR, TURBID, OPAQUE
- 13) WATER CLARITY AFTER DEVELOPMENT?
CLEAR, TURBID, OPAQUE
- 14) DID THE WATER SMELL? YES OR NO
- 15) WATER LEVEL SUMMARY
 - 1) DEPTH FROM T. STANDPIPE AFTER DEVELOPMENT?
BAILED FI. or DRY
 - 2) OTHER MEASUREMENTS:

DATE _____	_____	FI. FROM T. ST. PIPE
DATE _____	_____	FI. FROM T. ST. PIPE
DATE _____	_____	FI. FROM T. ST. PIPE
DATE _____	_____	FI. FROM T. ST. PIPE

Well No. 1B DATE INSTALLED 7-27-88 DRILL RIG 21
 DRILLER BZ. DRILL CREW T.T. & D.P.
 JOB/CLIENT VOC CONTAMINATION INVESTIGATION STS JOB No. 15467 XF

State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921

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

Routes to:
 Drinking Water Watershed/Wastewater Waste Management Remediation/Redevelopment Other: _____

1. General Information				2. Facility / Owner Information			
WI Unique Well No.		DNR Well ID No.		County		Facility Name	
				Washington		The West Bend Company	
Common Well Name				Gov't Lot # (if applicable)		Facility ID	
mw-10						267004650	
X 1/4		Section		Township		Range	
SE		11		11		N 19	
						<input checked="" type="checkbox"/> E <input type="checkbox"/> W	
Street Address of Well				License/Permit/Monitoring No			
400 Washington Street							
Present Well Owner				Original Well Owner			
Illinois Tool Works Inc.				The West Bend Company			
Street Address or Route of Owner				City, Village or Town			
3800 West Lake Avenue				West Bend			
City				State		ZIP Code	
Glenview				IL		60025-5811	

Reason For Abandonment: Destroyed by redevelopment activities
 MI Unique Well No. of Replacement Well: _____

3. Well / Drillhole / Borehole Information				4. Pump, Liner, Screen, Casing & Sealing Material			
<input checked="" type="checkbox"/> Monitoring Well		Original Construction Date		Pump and piping removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Water Well				Liner(s) removed?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
<input type="checkbox"/> Borehole / Drillhole		If a Well Construction Report is available, please attach.		Screen removed?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Construction Type:				Casing left in place?			
<input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Formation Type:				Was casing cut off below surface?			
<input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A			
Total Well Depth From Groundsurface (ft.)		Casing Diameter (in.)		Did sealing material rise to surface?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
30		2		Did material settle after 24 hours?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Lower Drillhole Diameter (in.)		Casing Depth (ft.)		If yes, was hole relogged?		<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
				If bentonite chips were used, were they hydrated with water from a known safe source? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A			
Was well annular space grouted? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				Required Method of Placing Sealing Material			
If yes, to what depth (feet)?				<input type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped			
Depth to Water (feet)				<input type="checkbox"/> Screened & Poured (Bentonite Chips) <input type="checkbox"/> Other (Explain): _____			
				Sealing Materials			
				<input type="checkbox"/> Neat Cement Grout <input type="checkbox"/> Clay-Sand Slurry (11 lb./gal. wt.)			
				<input type="checkbox"/> Sand-Cement (Concrete) Grout <input type="checkbox"/> Bentonite-Sand Slurry			
				<input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Chips			
				For Monitoring Wells and Monitoring Well Boreholes Only:			
				<input type="checkbox"/> Bentonite Chips <input type="checkbox"/> Bentonite - Cement Grout			
				<input type="checkbox"/> Granular Bentonite <input type="checkbox"/> Bentonite - Sand Slurry			

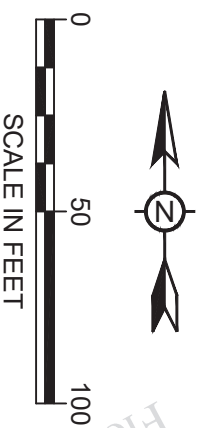
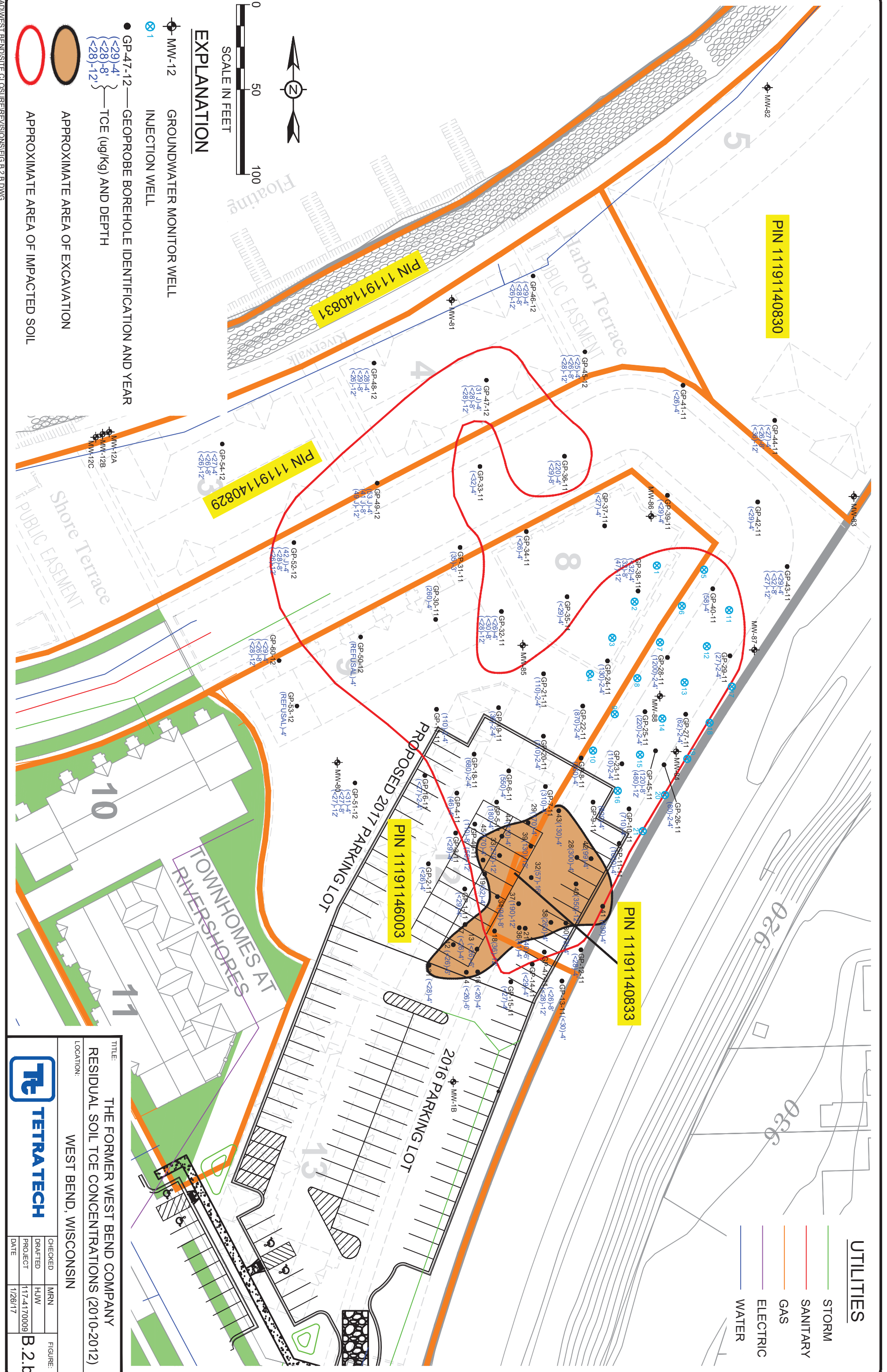
5. Material Used To Fill Well / Drillhole			
From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
Surface			

6. Comments
 New property owner destroyed well during demolition buildings

7. Supervision of Work		DNR Use Only	
Name of Person or Firm Doing Sealing Work		Date of Abandonment	Date Received
GeoTrans, Inc.			
Street or Route		Telephone Number	Comments
175 N. Corporate Drive, Suite 100		(262) 792-1282	
City	State	ZIP Code	Signature of Person Doing Work
Brookfield	WI	63045	<i>A. Jones</i>
			Date Signed
			5/22/05

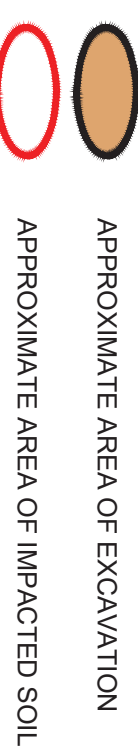
UTILITIES

- STORM
- SANITARY
- GAS
- ELECTRIC
- WATER



EXPLANATION

- MW-12 GROUNDWATER MONITOR WELL
- ⊗ INJECTION WELL
- GP-47-12 GEOPROBE BOREHOLE IDENTIFICATION AND YEAR
- { TCE (ug/kg) AND DEPTH
- APPROXIMATE AREA OF EXCAVATION
- APPROXIMATE AREA OF IMPACTED SOIL



S:\CAD\WEST BEND SITE CLOSURE\REV\REV\VISIONS\FIG B.2.B.DWG

TITLE: THE FORMER WEST BEND COMPANY
RESIDUAL SOIL TCE CONCENTRATIONS (2010-2012)

LOCATION: WEST BEND, WISCONSIN



CHECKED	MRN	FIGURE:
DRAFTED	HJW	B.2.b
PROJECT	117.4170009	
DATE	1/26/17	

F.1 Deed

Note: A July 2016 visit to the Washington County Clerk's office furnished the attached deed for the Area 1 property, PIN numbers 1119.114.0830, 1119.114.6003, 1119.114.0833, and 1119.114.0829 PIN number 1119.118.0831 along the Milwaukee River is City of West Bend Property (Attachment G)

DOC#: 1048172



This document prepared by
GARDNER, CARTON & DOUGLAS
191 North Wacker Drive, Suite 3700
Chicago, Illinois 60606
Attn: William L. Goldbeck

Recorded
MAY 12, 2004 AT 10:25AM
SHARON A. MARTIN
REGISTER OF DEEDS
WASHINGTON COUNTY, WI
Fee Amount: \$25.00
Transfer Fee: \$16500.00

After recording return to:
Hal Karas
Michael Best & Friedrich LLP
100 East Wisconsin Avenue
Suite 3300
Milwaukee, WI 53202-4108

25-8

SPECIAL WARRANTY DEED

THIS INDENTURE, WITNESSETH, THAT ITW Mexico Holding Inc., a Delaware corporation, (the "Grantor"), for and in consideration of the sum of Ten and 00/100 Dollars (\$10.00) in hand paid, and of other good and valuable consideration, receipt of which is hereby duly acknowledged, by these presents does remise, release, alien and convey unto Riverbend Development LLC, a Wisconsin limited liability company (the "Grantee"), whose address is 655 Third Street, Beloit, Wisconsin 53511, the following described real estate situated in Washington County, Wisconsin, to wit:

SEE EXHIBIT 1 ATTACHED HERETO AND MADE A PART HEREOF

Tax Key Nos. 1119-114-004; 1119-123-0025; 1119-114-003

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances, arising by, through or under Grantor, subject to the Permitted Exceptions described on Exhibit 2 attached hereto and made a part hereof.

TRANSFER
\$16,500.⁰⁰
FEE

IN WITNESS WHEREOF, the Grantor aforesaid has hereunto set hand and seal this 26th
day of April, 2004.

ITW Mexico Holding Inc.,
a Delaware corporation,

By: 

Name: Allan C. Sutherland

Title: Vice President

STATE OF ILLINOIS)
) SS
COUNTY OF Cook)

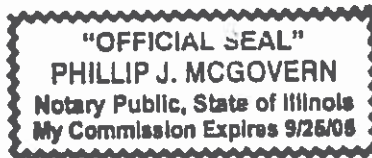
I, the undersigned, a Notary Public in and for the County and State aforesaid, DO HEREBY CERTIFY that Allan C. Switzerland, personally known to me to be the Vice President of ITW Mexico Holding Inc., a Delaware corporation, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as Vice President of said corporation pursuant to authority given by the Board of Directors of said corporation, as his free and voluntary act and as the free and voluntary act and deed of said corporation, for the uses and purposes therein set forth.

GIVEN under my hand and Notarial Seal this 26th day of April, 2004.

Phillip J. McGovern
Notary Public

My Commission Expires:

9-25-05



SEND SUBSEQUENT TAX BILLS TO:

Riverbend Development, LLC
655 Third Street, Suite 301
Beloit, Wisconsin 53511

EXHIBIT 1

LEGAL DESCRIPTION

PARCEL A1:

Lot 1 of Certified Survey Map 5713, recorded April 7, 2004, in Volume 41 of Certified Survey Maps on Pages 285 to 289, as Document No. 1042817, being a division of Block 1 in Riverside Addition to West Bend, vacated Island Avenue and all that part of the Northeast 1/4 and Southeast 1/4 of the Southeast 1/4 of Section 11 and the Northwest 1/4 of the Southwest 1/4 of Section 12, Town 11 North, Range 19 East, lying East and South of the Milwaukee River and West and North of the former Chicago and Northwestern Railroad Company right-of-way in the City of West Bend, Washington County, State of Wisconsin.

Part of Tax Key No. 1119-114-0004 and 1119-123-0025

ADDRESS: 400 West Washington Street, West Bend, WI

PARCEL A2:

Easement for the benefit of Parcel A1 created by Easement Agreement dated MAY 5, 2004 and recorded as Document No. _____ for ingress and egress as provided for therein.

PARCEL B:

ALL THAT PART OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 11, TOWNSHIP 11 NORTH, RANGE 19 EAST, IN THE CITY OF WEST BEND, COUNTY OF WASHINGTON, STATE OF WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHEAST 1/4 OF SAID SECTION 11; THENCE NORTH 89°45'59" EAST ALONG THE NORTH LINE OF SAID 1/4 SECTION 1555.74 FEET TO A POINT ON THE WEST LINE OF MAIN STREET (STH "144"); THENCE SOUTH 29°17'03" WEST ALONG SAID WEST LINE 311.29 FEET TO A POINT; THENCE SOUTHWESTERLY 204.19 FEET ALONG SAID WEST LINE AND THE ARC OF A CURVE WHOSE CENTER LIES TO THE SOUTHEAST, WHOSE RADIUS IS 545.66 FEET AND WHOSE CHORD BEARS SOUTH 18°33'48" WEST 203.00 FEET TO A POINT; THENCE SOUTH 07°50'36" WEST ALONG SAID WEST LINE 61.61 FEET TO A POINT; THENCE NORTH 84°15'16" EAST 45.27 FEET TO A POINT ON THE EAST LINE OF MAIN STREET AND THE POINT OF BEGINNING OF THE LANDS TO BE DESCRIBED; THENCE NORTH 84°15'16" EAST ALONG THE SOUTH LINE OF KUESTER LANE 117.85 FEET TO A POINT; THENCE NORTH 73°57'16" EAST ALONG SAID SOUTH LINE 388.07 FEET TO A POINT; THENCE NORTHEASTERLY 92.97 FEET ALONG SAID SOUTH LINE AND THE ARC OF A CURVE WHOSE CENTER LIES TO THE

NORTHWEST, WHOSE RADIUS IS 72.50 FEET AND WHOSE CHORD BEARS NORTH 37°13'36" EAST 86.73 FEET TO A POINT; THENCE NORTH 87°02'54" EAST 194.85 FEET TO A POINT ON THE MEANDER LINE OF THE MILWAUKEE RIVER; THENCE SOUTH 21°15'18" EAST ALONG SAID MEANDER LINE 47.57 FEET TO A POINT; THENCE SOUTH 00°18'15" WEST ALONG SAID MEANDER LINE 79.03 FEET TO A POINT; THENCE SOUTH 39°49'45" WEST ALONG SAID MEANDER LINE 100.40 FEET TO A POINT; THENCE SOUTH 82°08'09" WEST ALONG SAID MEANDER LINE 626.85 FEET TO A POINT; THENCE SOUTH 35°16'47" WEST ALONG SAID MEANDER LINE 29.18 FEET TO A POINT; THENCE SOUTH 82°31'40" WEST 69.23 FEET TO A POINT ON THE EAST LINE OF MAIN STREET (STH "144"); THENCE NORTH 07°50'36" EAST ALONG SAID EAST LINE 122.05 FEET TO THE POINT OF BEGINNING.

Part of Tax Key No. 1119-114-0003

PARCEL C:

ALL THAT PART OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 12, TOWN 11 NORTH, RANGE 19 EAST, IN THE CITY OF WEST BEND, COUNTY OF WASHINGTON, STATE OF WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHEAST CORNER OF THE SOUTHWEST 1/4 OF SAID SECTION 12; THENCE SOUTH 88°58'55" WEST ALONG THE NORTH LINE OF SAID 1/4 SECTION A DISTANCE OF 1747.84 FEET TO THE POINT OF BEGINNING OF THE LANDS TO BE DESCRIBED; THENCE SOUTH 01°01'05" EAST 946.98 FEET TO A POINT; THENCE NORTH 32°01'05" WEST 115.82 FEET TO A STONE MONUMENT; THENCE NORTH 43°46'05" WEST 228.07 FEET TO A STONE MONUMENT; THENCE NORTH 71°25'05" WEST 122.55 FEET TO A STONE MONUMENT; THENCE SOUTH 88°56'55" WEST 295.89 FEET TO A STONE MONUMENT; THENCE NORTH 01°09'05" WEST 165.71 FEET TO A POINT ON THE EAST LINE OF THE CANADIAN NATIONAL RAILROAD RIGHT-OF-WAY; THENCE NORTH 33°25'48" EAST ALONG SAID EAST LINE 574.30 FEET TO A POINT ON THE NORTH LINE OF THE SOUTHWEST 1/4 OF SAID SECTION 12; THENCE NORTH 88°58'55" EAST ALONG SAID NORTH LINE 301.33 FEET TO THE POINT OF BEGINNING.

Tax Key No. Part of 1119-123-0025

PARCEL DI:

All that part of Parcel "A" in Map of Aluminum Company's Add. to Pleasant Hill, in the Northwest 1/4 of the Southwest 1/4 of Section 12, and the Northeast 1/4 of the Southeast 1/4 of Section 11, in Town 11 North, Range 19 East, in the City of West Bend, County of Washington, State of Wisconsin, bounded and described as follows:

Commencing at the meander corner on the East line of the Southeast 1/4 of said Section 11; thence North 01° 29' 55" West along said East line 3.81 feet to the point of beginning of the lands to be described; thence South 88° 48' 39" West 25.00 feet to a point; thence North 01° 29' 55" West 36.05 feet to a point on the Easterly line of the Canadian National

Railroad; thence Northeasterly along said East line and a spiral curve whose radii are to the Southeast whose chord bears North 33° 01' 02" East 107.71 feet to a point; thence North 33° 25' 59" East 378.23 feet to a point; thence South 01° 09' 05" East 436.38 feet to a point; thence South 88° 48' 39" West 249.97 feet to the point of beginning.

Tax Key No. Part of 1119-123-0025

PARCEL DII:

Non-exclusive easement for the benefit of Parcel DI created by an instrument dated April 27, 1972 and recorded as Document No. 330955 for ingress and egress as provided for therein.

EXHIBIT 2

PERMITTED EXCEPTIONS

1. General taxes for the year 2004, not yet due or payable.
2. Acts done or suffered by the Grantee.
3. Easements, if any, of the public or any school district, utility, municipality or person, as provided in Section 80.32(4) of the Statutes, for the continued use and right of entrance, maintenance, construction and repair of underground or overground structures, improvements or service in that portion of the subject premises which were formerly a part of Island Avenue now vacated.
4. Public rights of the United States, the State of Wisconsin or the City or County or any of their agencies in respect to that portion of the subject premises constituting the bed or the waters of Milwaukee River or the banks, shores or dock lines, wharves, piers, protection walls, bulkheads, or other structures pertaining thereto.
5. Ingress/Egress Easement, 300' Washington County Shoreland Boundary and 100 Year Flood Line as set forth on the Certified Survey Map described on Exhibit 1 hereof.
6. Utility Easement granted to Wisconsin Eastern Gas Company as Document No. 142136.
7. Utility Easement granted to Wisconsin Gas and Electric Company recorded as Document No. 172481.
8. Easement granted to the City of West Bend recorded as Document No. 307380.
9. Rights and reservations as contained in Warranty Deed recorded as Document No. 312275.
10. Utility Easement granted to Wisconsin Electric Power Company and Wisconsin Telephone Company recorded as Document No. 317308.
11. Utility Easement granted to Wisconsin Electric Power Company and Wisconsin Telephone Company recorded as Document No. 320310.
12. Reservations contained in Warranty Deed recorded April 27, 1972, as Document No. 330955.
13. Distribution Easement Underground Easement granted to Wisconsin Electric Power Company and Wisconsin Bell, Inc., d/b/a Ameritech-Wisconsin and Marcus Cable Partners, L.P. recorded as Document No. 767542.

14. Terms, conditions and provisions relating to the use and maintenance of the easements described as Parcels A2 and DII of the subject premises.
15. Rights of utility companies to maintain the Transformers, Power Poles, Guy Wires, Overhead Wires and Guy Poles set forth on the Plat of Survey prepared by National Survey & Engineering, Inc. under date of February 3, 2003.
16. Encroachment upon the subject premises by a timber wall located principally on the premises adjoining on the North.
17. Any claim resulting from the lack of a specific path or location for the improvement easement described in Exhibit 1 hereof.
18. 100 Year Flood Plain Line as set forth on the Plat of Survey prepared by National Survey & Engineering, Inc. under date of April 6, 2004.
19. Encroachment upon the premises adjoining the subject premises on the West by the asphalt, stairs and skywalk located principally on the subject premises, as set forth on the Plat of Survey prepared by National Survey & Engineering, Inc. under date of April 6, 2004.
20. Possible adverse rights of adjoining owners in so much of the subject premises as lies South of the South fence, due to the fact that said fence is not on the boundary line but is located wholly on the subject premises. *Affects Parcel D1, except for the right of access over Parcel D1 to Parcel D11. WGG*

F.2 Certified Survey Map

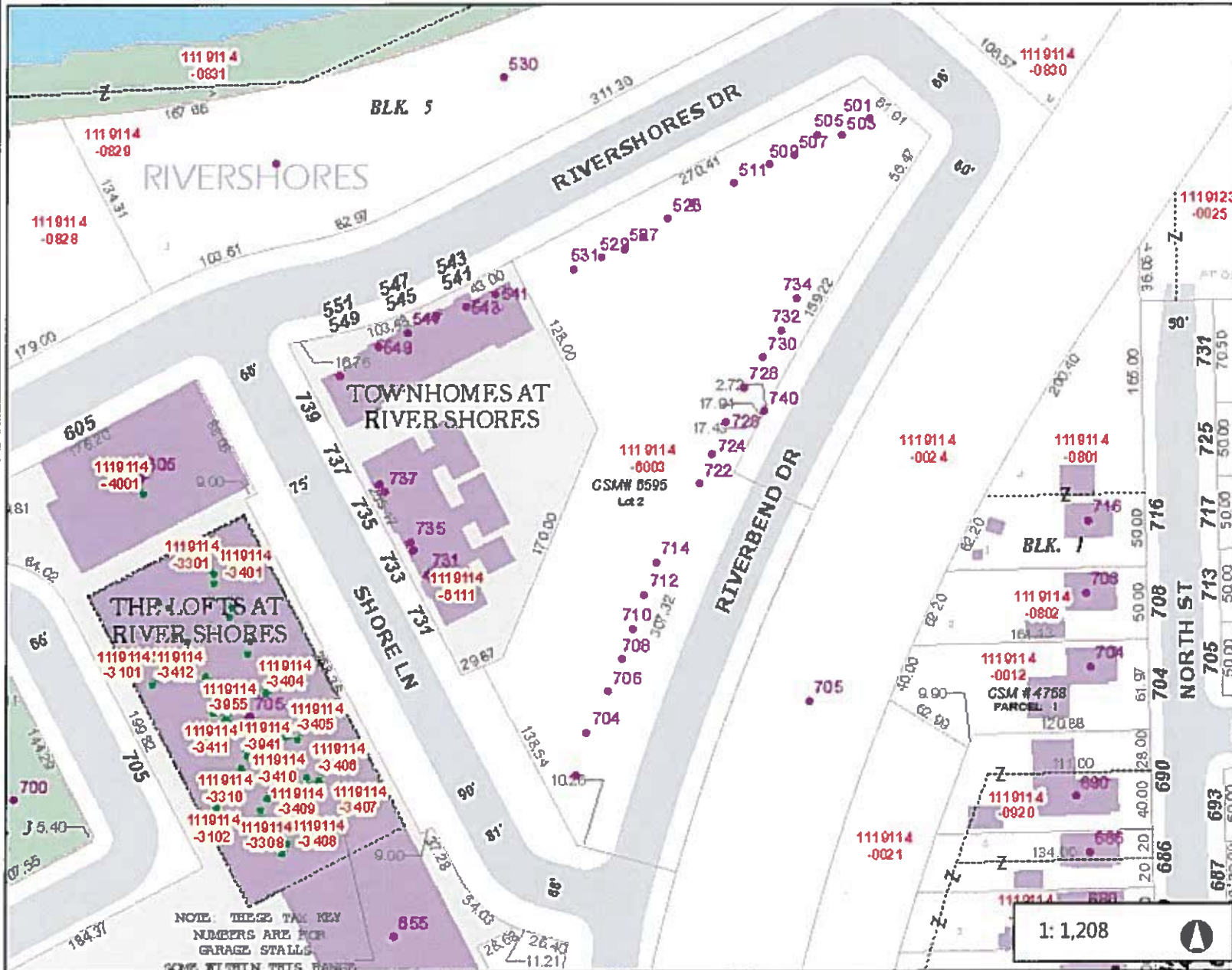
2016 City of West Bend GIS Tax ID Maps (two 8.5 X 11 pages)

2010 Survey (four 11 X 17 pages)



City of West Bend, Wisconsin

The information and depictions herein are for informational purposes and City of West Bend specifically disclaims accuracy in this reproduction and specifically admonishes and advises that if specific and precise accuracy is required, the same should be determined by procurement of certified maps, surveys, plats, Flood Insurance Studies, or other official means. The City of West Bend will not be responsible for any damages which result from third party use of the information and depictions herein or for use which ignores this warning.



Legend

- Address Point
- Condo Units
- Property Lines
- Buildings
- Tax Parcels
 - Primary Tax Parcel
 - Condominium Tax Parcel
- Private Right-of-Way
- Street Names
- Park Land
- + Railroad
- Pavement
- [] WB City Limit Line
- Lakes and Ponds
- Rivers
- Creeks

Notes

201.3 0 100.66 201.3 Feet

NAD27_Wisconsin_South
© Latitude Geographics Group Ltd.

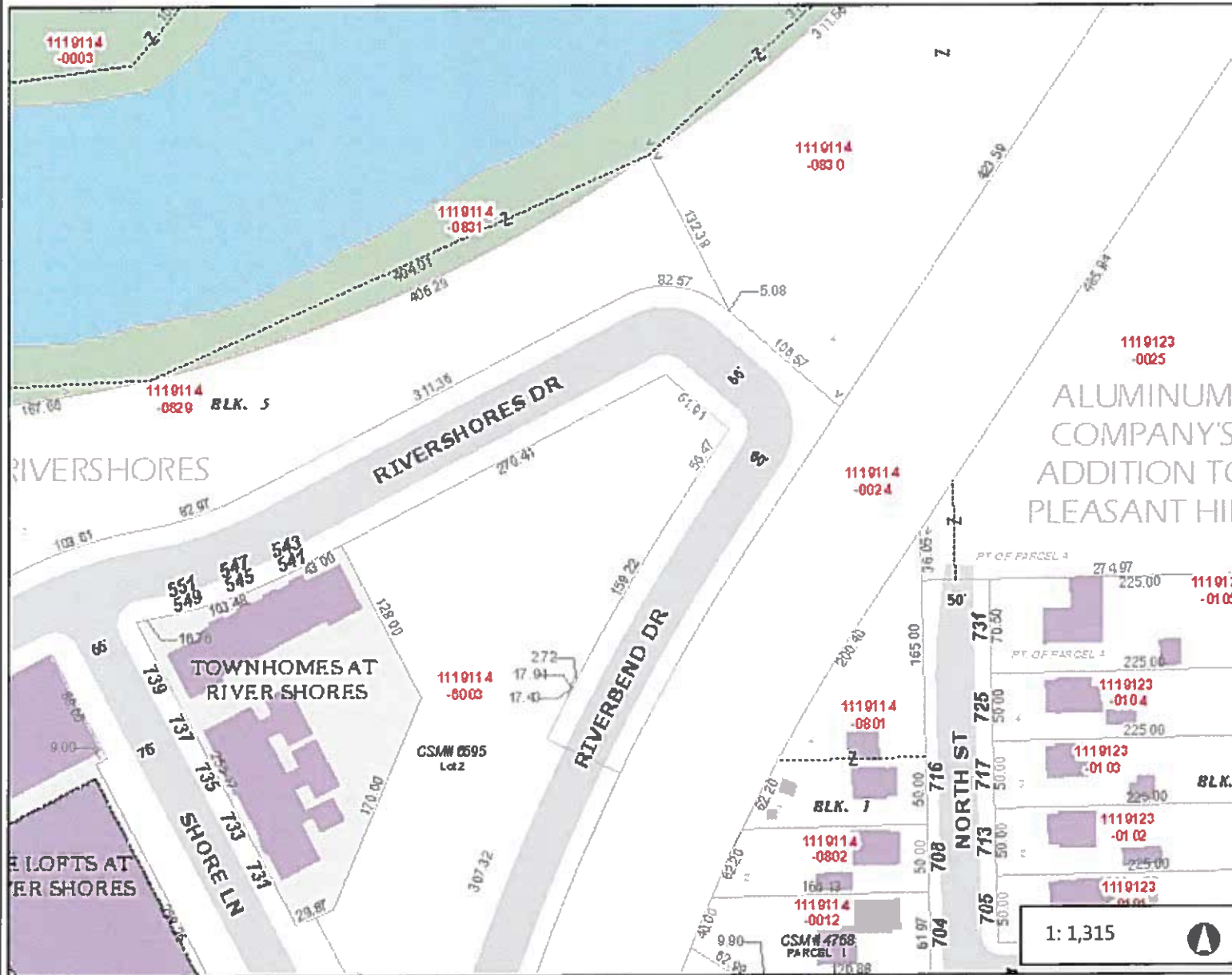
Not to be used for permit issuance. Not to be used as a substitute for survey accurate information.

THIS MAP IS NOT TO BE USED FOR NAVIGATION



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Legend

- Property Lines
- Buildings
- Tax Parcels
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Notes

219.2 0 109.59 219.2 Feet

Not to be used for permit issuance. Not to be used as a substitute for survey accurate information.

NAD27_Wisconsin_South
© Latitude Geographics Group Ltd.

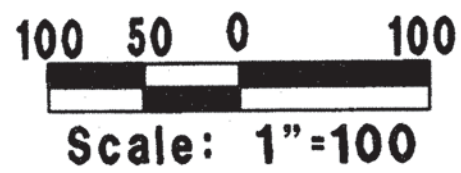
THIS MAP IS NOT TO BE USED FOR NAVIGATION

RiverShores

A Division of Certified Survey Map No. 5713 lying in the Northeast 1/4 and Southeast 1/4 of the Southeast 1/4 of Section 11 and the Northwest 1/4 of the Southwest 1/4 of Section 12, Town 11 North, Range 19 East in the City of West Bend, County of Washington, State of Wisconsin. Containing approximately 1,023.476 +/- sq. ft (23.5 +/- acres) to the Ordinary High Water Mark.



BEARINGS ARE REFERENCED TO THE SOUTH LINE OF THE SOUTHEAST 1/4, OF SECTION 11, T 11 N, R 19 E, AS N 89°57'15" W.
HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATE GROUND SYSTEM, SOUTH ZONE, NAD 1983.
ALL LINEAR MEASUREMENTS HAVE BEEN MADE TO THE 0.01 OF A FOOT.
VERTICAL DATUM IS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
CONVERSION FACTOR FROM GRID TO GROUND IS 0.99988442.



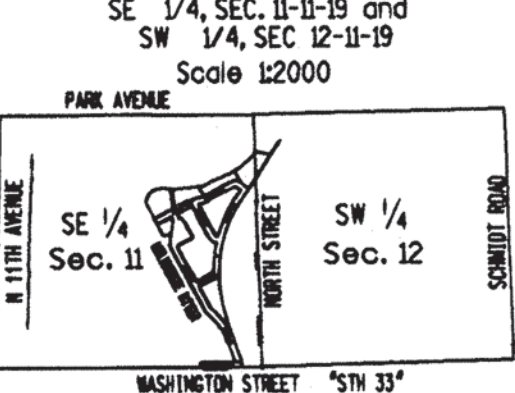
PLATTABLE LANDS

ORDINARY HIGH WATER MARK ON APRIL 26, 2004

There are no objections to this plat with respect to s. 236.15, 236.16, 236.20 and 236.21 (1) and (2), Wis. Stat., as provided by s. 236.17, Wis. Stat.
Certified *William J. Sullivan* 2004
Department of Administration

PLATTABLE LANDS

Location Sketch



AIRPORT HEIGHT RESTRICTIONS:

CITY OF WEST BEND AIRPORT HEIGHT LIMITATIONS RESTRICTION: ELEVATION 1019 FEET IN SECTION 12, ELEVATION 1045 FEET IN SECTION 11

DEDICATIONS:

OUTLOT DEDICATIONS: BLOCK 3 OUTLOT 1, BLOCK 4 OUTLOT 1 AND BLOCK 5 OUTLOT 1 ARE DEDICATED TO THE CITY OF WEST BEND FOR PUBLIC PURPOSES.

NOTES:

"ALL LOTS AND BLOCKS ARE HEREBY RESTRICTED SO THAT NO OWNER, POSSESSOR, USER, LICENSEE, OR OTHER PERSON MAY HAVE ANY RIGHT OF DIRECT VEHICULAR INGRESS FROM OR EGRESS TO ANY HIGHWAY LYING WITHIN THE RIGHT-OF-WAY OF 5TH ST OR WASHINGTON STREET; IT IS EXPRESSLY INTENDED THAT THIS RESTRICTION CONSTITUTE A RESTRICTION FOR THE BENEFIT OF THE PUBLIC AS PROVIDED IN S. 236.203, WISCONSIN STATUTES AND SHALL BE ENFORCEABLE BY THE DEPARTMENT."

"HIGHWAY SETBACKS: THIS RESTRICTION IS FOR THE BENEFIT OF THE PUBLIC AS PROVIDED IN SECTION 236.203, WISCONSIN STATUTES, AND SHALL BE ENFORCEABLE BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION."

"NO STRUCTURE OR IMPROVEMENT OF ANY KIND IS PERMITTED WITHIN THE VISION CORNERS. NO VEGETATION WITHIN THE VISION CORNER MAY EXCEED 30 INCHES IN HEIGHT."

THE TERMS OF ALL EASEMENTS SHOWN ON THIS PLAT ARE FURTHER DESCRIBED IN DEVELOPERS AGREEMENT.

LEGEND

• 1 1/4" X 18" REBAR WEIGHING 4.30 LBS/FT TO BE PLACED AT BLOCK CORNERS, LOT CORNERS, P.C.'S, P.C.'S AND P.C.'S IN SEPT 2005

NO ACCESS

DTCW: DEDICATED TO THE CITY OF WEST BEND

CENTERLINE OF STREETS

MEANDER LINE

LOT, OUTLOT & BLOCK BOUNDARIES

BUILDING LINES

OUTSIDE OF PLAT:

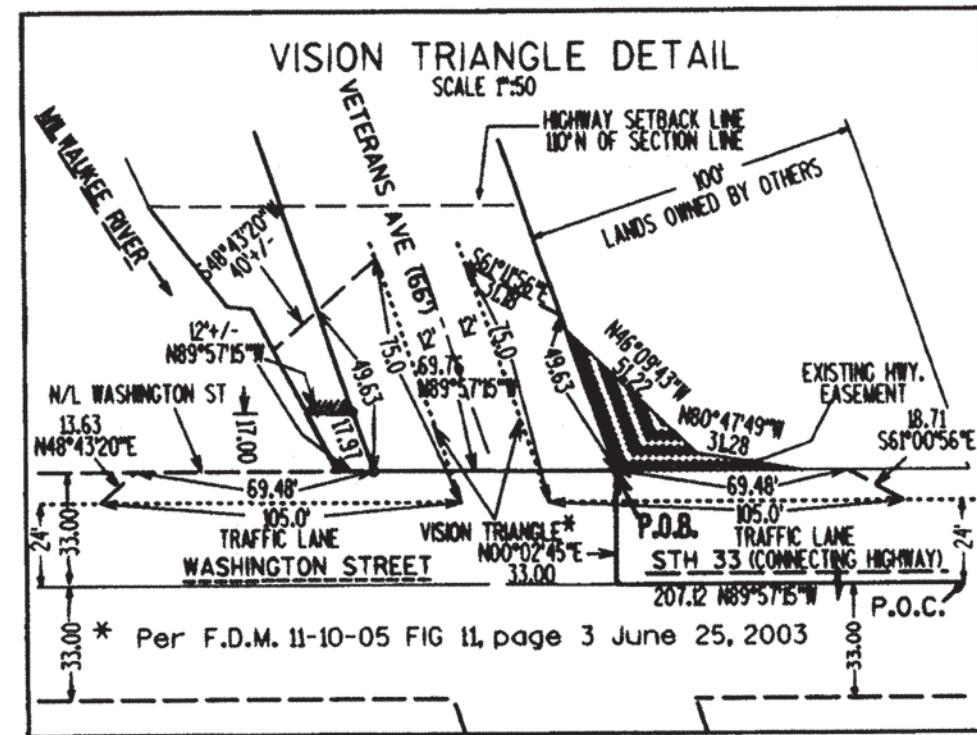
SECTION LINES

ROW & LOT BOUNDARIES

DISTANCES SHOWN ON PLAT FOR CURVES ARE THE ARC LENGTHS

LOCATION	NO.	CURVE TABLE					
		RADIUS	ARC LENGTH	CENTRAL ANGLE	CHORD LENGTH	CHORD BEARING	PT TANGENT
BLK 4 OUTLOT 1	C1	717.00	393.03	31°24'28"	388.13	N84°33'55"W	N85°06'06"W
BLOCK 4 OUTLOT 1	C2	783.00	429.21	31°24'28"	423.86	N84°33'55"W	N85°06'06"W
BLK 4 OUTLOT 1	C3	333.00	38.41	6°36'32"	38.39	N46°57'50"W	N43°39'54"W
BLOCK 4 LOT 1	C4	267.00	21.99	4°43'06"	21.98	N41°54'33"W	N45°53'00"W
BLOCK 4 LOT 1	C5	67.00	42.86	36°44'09"	42.23	S09°28'32"E	S08°56'37"W
BLOCK 2 LOT 1	C6	59.00	64.02	62°02'25"	60.93	N68°33'21"W	N89°38'34"W
BLOCK 2 LOT 1	C7	133.00	36.60	6°48'08"	36.49	N89°54'38"W	N2°14'42"E
BLOCK 5 LOT 1	C8	128.08	158.91	88°58'53"	179.51	N28°14'43"E	N6°14'43"E
BLOCK 5 LOT 2	C9	557.07	101.80	10°28'12"	101.65	N89°52'19"E	N80°20'52"E
BLOCK 5 LOT 2	C10	171.41	167.66	8°22'02"	167.52	N89°52'19"E	N1°28'32"E
BLOCK 5 LOT 3	C11	333.00	103.61	11°49'35"	103.59	N11°17'31"E	N62°22'49"E
BLOCK 6 LOT 1	C12	267.00	16.76	3°35'48"	16.75	N18°24'32"E	N60°12'22"E
BLOCK 6 LOT 1	C13	267.00	82.91	11°48'09"	82.64	S17°05'55"W	S62°14'08"W
BLOCK 6 LOT 1	C14	333.00	103.48	11°48'09"	103.07	N17°05'55"E	N62°14'08"E
BLOCK 6 LOT 1	C15	107.00	406.29	27°04'42"	404.01	N65°50'39"E	N55°09'48"E
BLOCK 6 LOT 1	C16	1000.00	313.56	17°59'33"	310.30	N47°36'47"E	N38°44'05"E
BLOCK 6 LOT 1	C17	69.00	82.51	68°33'53"	77.73	S83°05'53"E	S62°24'00"E
BLOCK 6 (OR 1A) (OR 1B)	C18	1542.69	483.97	17°58'28"	481.99	S24°28'21"W	S33°25'44"W
BLOCK 6 LOT 1	C19	1542.69	159.22	5°54'48"	159.15	S30°28'21"W	S27°30'56"W
BLOCK 6 OUTLOT 1	C20	1542.69	17.43	0°38'50"	17.43	S27°09'41"W	S26°52'06"W
BLOCK 6 LOT 1	C21	1542.69	307.32	12°45'01"	306.81	S27°09'41"W	S26°52'06"W
DMR ROW	C22	1482.69	875.01	33°48'41"	862.36	S8°31'55"E	S33°25'44"W
BLOCK 6 LOT 1	C23	15.00	10.74	41°09'02"	10.43	N89°28'12"W	N15°07'43"W
BLOCK 2 (OR 1A) (OR 1B)	C24	79.00	65.24	47°09'02"	63.40	S58°28'09"E	S27°48'41"E
BLOCK 2 OUTLOT 1	C25	79.00	54.03	39°12'22"	52.99	S47°24'22"E	S27°48'41"E
BLOCK 2 OUTLOT 1	C26	79.00	11.21	08°07'40"	11.20	S71°03'51"E	S67°00'02"E
BLOCK 2 OUTLOT 1	C27	1542.69	96.92	3°35'59"	96.91	S10°00'09"W	S09°24'00"W
BLOCK 2 OUTLOT 1	C28	1542.69	86.40	0°18'43.5"	86.40	S09°13'32.5"W	S09°24'00"W
BLOCK 2 OUTLOT 1	C29	1542.69	88.52	3°11'16"	88.51	S10°00'09"W	S09°24'00"W
BLOCK 2 OUTLOT 1	C30	1542.69	167.43	6°12'26"	167.05	S04°09'41"W	S07°28'44"W
BLOCK 2 OUTLOT 1	C31	1542.69	166.38	6°12'26"	166.30	S04°09'41"W	S07°28'44"W
BLOCK 2 LOT 1	C32	1542.69	0.75	0°01'40"	0.75	S07°25'54"W	S07°28'44"W
BLOCK 1 LOT 1	C33	1482.69	478.07	18°28'26"	476.00	S09°37'36.5"E	S00°23'04"E
DMR ROW	C34	1482.69	1306.81	52°17'13"	1306.81	S07°10'06.5"W	S33°25'44"W

* NON TANGENT



08-13-04
Revised 09-28-04
Revised 10-04-04
William J. Sullivan
WILLIAM J. SULLIVAN R.L.S. No. 594 - State of Wisconsin

South Line Section 11
N 89°57'15" W 2640.20 WASHINGTON STREET (5TH 33) CONNECTING-HIGHWAY

SW COR. OF SE 1/4, SEC. 11, T. 11 N., R. 19 E.
BRASS CAP IN CONC. MON.
N 525.33110
E 2,480.79099
ELEV. 932.82
GROUND COORDINATES

M T G
Making The Grade, Inc.
N48 W1470 HAMPTON AVE
MENOMONEE FALLS, WI 53051
PHONE (262)781-1686
FAX (262)781-2388
EMAIL MAKTHEGRADE@SBCGLOBAL.NET

SHEET 10F 4

Map Book 11 Page 29

DOC# 1070447

RiverShores

A division of Certified Survey Map No. 5713 lying in the Northeast 1/4 and Southeast 1/4 of the Southeast 1/4 of Section 11 and the Northwest 1/4 of the Southwest 1/4 of Section 12, Town 11 North, Range 19 East in the City of West Bend, County of Washington, State of Wisconsin. Containing approximately 1,023,476 +/- sq. ft (23.5 +/- acres) to the Ordinary High Water Mark

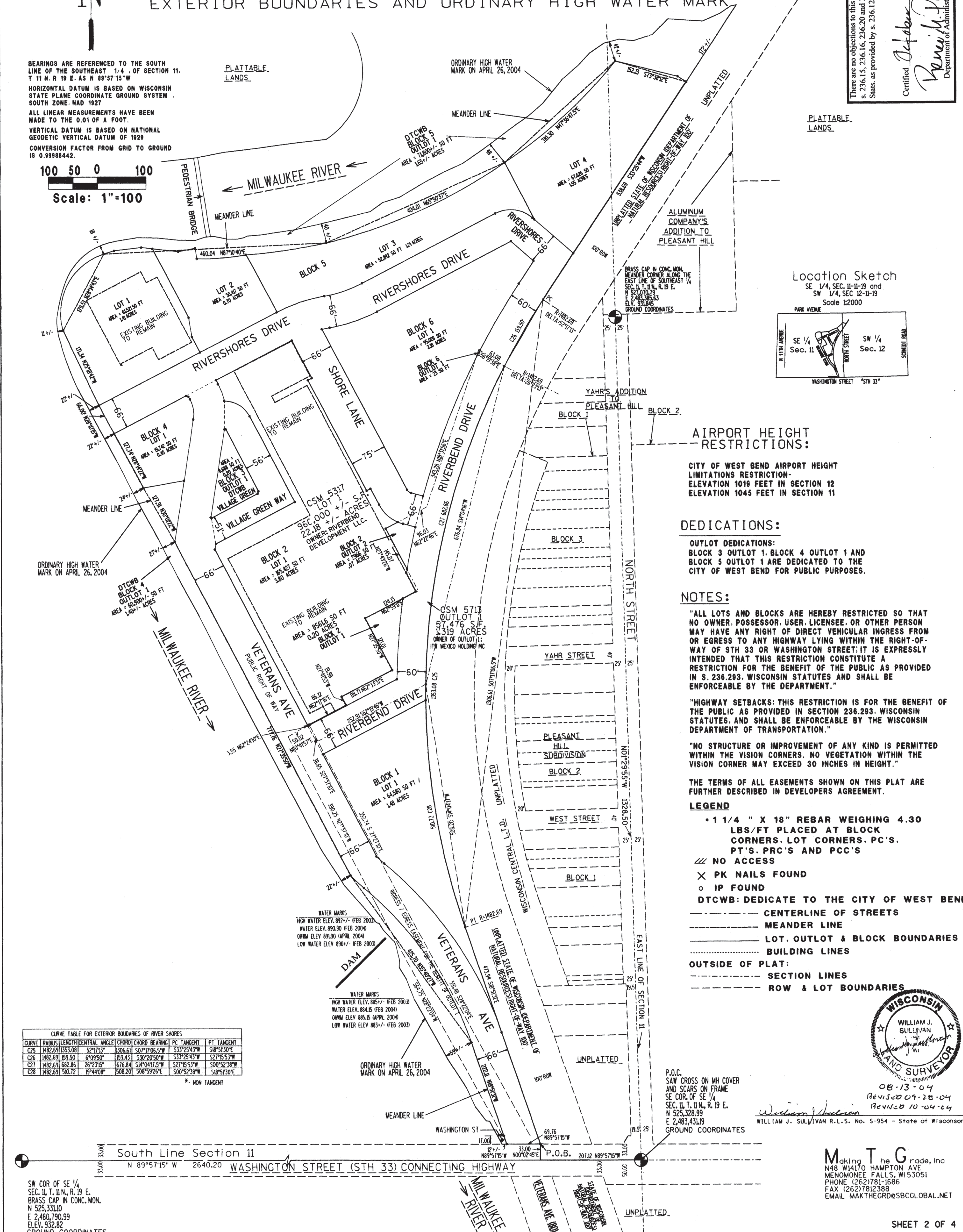
EXTERIOR BOUNDARIES AND ORDINARY HIGH WATER MARK



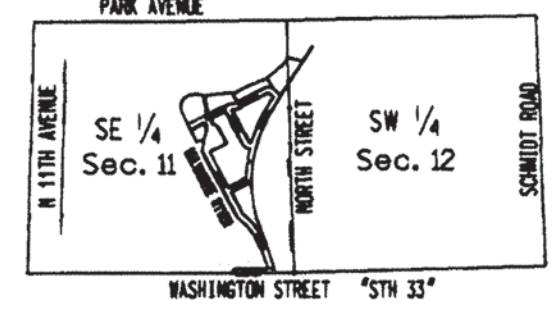
BEARINGS ARE REFERENCED TO THE SOUTH LINE OF THE SOUTHEAST 1/4 OF SECTION 11. T 11 N. R 19 E. AS N 89°57'15"W
 HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATE GROUND SYSTEM, SOUTH ZONE, NAD 1927
 ALL LINEAR MEASUREMENTS HAVE BEEN MADE TO THE 0.01 OF A FOOT.
 VERTICAL DATUM IS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929
 CONVERSION FACTOR FROM GRID TO GROUND IS 0.99988442.

100 50 0 100
 Scale: 1"=100'

There are no objections to this plan with respect to s. 236.15, 236.16, 236.20 and 236.21 (1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.
 Certified *William J. Sullivan* 2009
 Department of Administration



Location Sketch
 SE 1/4, SEC. 11-R. 19 E. and SW 1/4, SEC. 12-R. 19 E.
 Scale 1:2000



AIRPORT HEIGHT RESTRICTIONS:
 CITY OF WEST BEND AIRPORT HEIGHT LIMITATIONS RESTRICTION:
 ELEVATION 1019 FEET IN SECTION 12
 ELEVATION 1045 FEET IN SECTION 11

DEDICATIONS:
 OUTLOT DEDICATIONS:
 BLOCK 3 OUTLOT 1, BLOCK 4 OUTLOT 1 AND BLOCK 5 OUTLOT 1 ARE DEDICATED TO THE CITY OF WEST BEND FOR PUBLIC PURPOSES.

NOTES:
 "ALL LOTS AND BLOCKS ARE HEREBY RESTRICTED SO THAT NO OWNER, POSSESSOR, USER, LICENSEE, OR OTHER PERSON MAY HAVE ANY RIGHT OF DIRECT VEHICULAR INGRESS FROM OR EGRESS TO ANY HIGHWAY LYING WITHIN THE RIGHT-OF-WAY OF 5TH 33 OR WASHINGTON STREET; IT IS EXPRESSLY INTENDED THAT THIS RESTRICTION CONSTITUTE A RESTRICTION FOR THE BENEFIT OF THE PUBLIC AS PROVIDED IN S. 236.293, WISCONSIN STATUTES AND SHALL BE ENFORCEABLE BY THE DEPARTMENT."
 "HIGHWAY SETBACKS: THIS RESTRICTION IS FOR THE BENEFIT OF THE PUBLIC AS PROVIDED IN SECTION 236.293, WISCONSIN STATUTES, AND SHALL BE ENFORCEABLE BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION."
 "NO STRUCTURE OR IMPROVEMENT OF ANY KIND IS PERMITTED WITHIN THE VISION CORNERS. NO VEGETATION WITHIN THE VISION CORNER MAY EXCEED 30 INCHES IN HEIGHT."
 THE TERMS OF ALL EASEMENTS SHOWN ON THIS PLAT ARE FURTHER DESCRIBED IN DEVELOPERS AGREEMENT.

- LEGEND**
- 1 1/4 " X 18" REBAR WEIGHING 4.30 LBS/FT PLACED AT BLOCK CORNERS, LOT CORNERS, PC'S, PT'S, PRC'S AND PCC'S
 - /// NO ACCESS
 - X PK NAILS FOUND
 - o IP FOUND
 - DTCWB: DEDICATE TO THE CITY OF WEST BEND
 - CENTERLINE OF STREETS
 - - - MEANDER LINE
 - LOT, OUTLOT & BLOCK BOUNDARIES
 - BUILDING LINES
 - OUTSIDE OF PLAT:
 - - - SECTION LINES
 - - - ROW & LOT BOUNDARIES

CURVE TABLE FOR EXTERIOR BOUNDARIES OF RIVER SHORES

CURVE I	RADIUS	LENGTH	CENTRAL ANGLE	CHORD	CHORD BEARING	P.C. TANGENT	P.T. TANGENT
C25	1482.651	153.08	52°17'13"	1306.61	S07°17'06.5"W	S33°25'43"W	S68°51'30"E
C26	1482.651	159.50	67°09'50"	1351.43	S30°20'50"W	S33°25'43"W	S27°05'57"W
C27	1482.651	162.86	82°23'35"	1376.84	S14°04'11.5"W	S27°05'57"W	S00°52'38"W
C28	1482.651	166.12	97°40'08"	1398.20	S00°52'38"E	S00°52'38"E	S18°21'30"E

* - NON TANGENT

WISCONSIN
 WILLIAM J. SULLIVAN
 LAND SURVEYOR
 08-13-04
 Revised 09-28-04
 Revised 10-04-04
 WILLIAM J. SULLIVAN R.L.S. No. S-954 - State of Wisconsin

SW COR OF SE 1/4, SEC. 11, T. 11 N., R. 19 E. BRASS CAP IN CONC. MON. N 525.33110 E 2,480,790.99 ELEV. 932.82 GROUND COORDINATES
 South Line Section 11 N 89°57'15" W 2640.20 WASHINGTON STREET (5TH 33) CONNECTING HIGHWAY
 P.O.B. 201.12 N89°57'15" W 33.00
 P.C. SAW CROSS ON WH COVER AND SCARS ON FRAME SEC. COR. OF SE 1/4 SEC. 11, T. 11 N., R. 19 E. N 525.328.99 E 2,483,431.19 GROUND COORDINATES
 MAKING THE GRADE, INC. N48 W14170 HAMPTON AVE. MENOMONEE FALLS, WI 53051 PHONE (262)781-1686 FAX (262)7812388 EMAIL MAKTHGRD@SBCGLOBAL.NET
 SHEET 2 OF 4

Map Book 44 Page 30

DOC# 1070447

RiverShores

A division of Certified Survey Map No. 5713 lying in the Northeast 1/4 and Southeast 1/4 of the Southeast 1/4 of Section 11 and the Northwest 1/4 of the Southwest 1/4 of Section 12, Town 11 North, Range 19 East in the City of West Bend, County of Washington, State of Wisconsin. Containing approximately 1,023,476 +/- sq. ft (23.5 +/- acres) to the Ordinary High Water Mark.

EASEMENT DESCRIPTIONS
THE TERMS OF ALL EASEMENTS SHOWN ON THIS PLAT ARE FURTHER DESCRIBED IN DEVELOPERS AGREEMENT



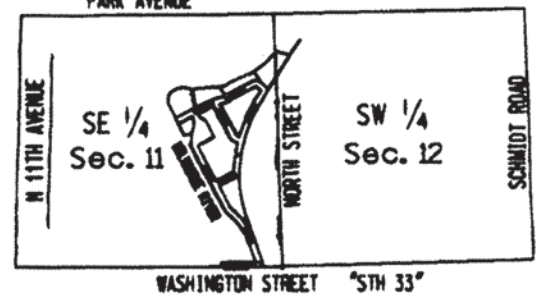
BEARINGS ARE REFERENCED TO THE SOUTH LINE OF THE SOUTHEAST 1/4 OF SECTION 11, T. 11 N. R. 19 E. AS N 89°57'15" W
HORIZONTAL DATUM IS BASED ON WISCONSIN STATE PLANE COORDINATE GROUND SYSTEM, SOUTH ZONE, NAD 1927
ALL LINEAR MEASUREMENTS HAVE BEEN MADE TO THE 0.01 OF A FOOT.
VERTICAL DATUM IS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONVERSION FACTOR FROM GRID TO GROUND IS 0.99988442.

PLATTABLE LANDS

100 50 0 100
Scale: 1"=100'

There are no objections to this plan with respect to s. 236.15, 236.16, 236.20 and 236.21 (1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.
Certified October 4th 2004
William J. Sullivan
Department of Administration

Location Sketch
SE 1/4 Sec. 11 and SW 1/4 Sec. 12
Scale 1:2000



AIRPORT HEIGHT RESTRICTIONS:
CITY OF WEST BEND AIRPORT HEIGHT LIMITATIONS RESTRICTION- ELEVATION 1019 FEET IN SECTION 12 ELEVATION 1045 FEET IN SECTION 11

DEDICATIONS:
OUTLOT DEDICATIONS:
BLOCK 3 OUTLOT 1, BLOCK 4 OUTLOT 1 AND BLOCK 5 OUTLOT 1 ARE DEDICATED TO THE CITY OF WEST BEND FOR PUBLIC PURPOSES.

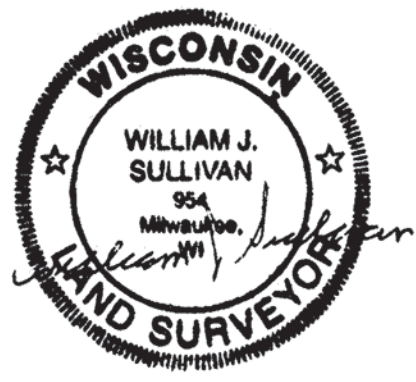
NOTES:
"ALL LOTS AND BLOCKS ARE HEREBY RESTRICTED SO THAT NO OWNER, POSSESSOR, USER, LICENSEE, OR OTHER PERSON MAY HAVE ANY RIGHT OF DIRECT VEHICULAR INGRESS FROM OR EGRESS TO ANY HIGHWAY LYING WITHIN THE RIGHT-OF-WAY OF 8TH 33 OR WASHINGTON STREET. IT IS EXPRESSLY INTENDED THAT THIS RESTRICTION CONSTITUTE A RESTRICTION FOR THE BENEFIT OF THE PUBLIC AS PROVIDED IN S. 236.293, WISCONSIN STATUTES AND SHALL BE ENFORCEABLE BY THE DEPARTMENT."
"HIGHWAY SETBACKS: THIS RESTRICTION IS FOR THE BENEFIT OF THE PUBLIC AS PROVIDED IN SECTION 238.293, WISCONSIN STATUTES, AND SHALL BE ENFORCEABLE BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION."
"NO STRUCTURE OR IMPROVEMENT OF ANY KIND IS PERMITTED WITHIN THE VISION CORNERS. NO VEGETATION WITHIN THE VISION CORNER MAY EXCEED 30 INCHES IN HEIGHT."
THE TERMS OF ALL EASEMENTS SHOWN ON THIS PLAT ARE FURTHER DESCRIBED IN DEVELOPERS AGREEMENT.

LEGEND
• 1 1/4" X 18" REBAR WEIGHING 4.30 LBS/FT TO BE PLACED AT BLOCK CORNERS, LOT CORNERS, P.C.'S, P.T.'S, P.R.C.'S AND P.C.C.'S IN SEPT 2005
// NO ACCESS
DTCWB: DEDICATED TO THE CITY OF WEST BEND
— CENTERLINE OF STREETS
- - - MEANDER LINE
- - - LOT, OUTLOT & BLOCK BOUNDARIES
- - - BUILDING LINES
OUTSIDE OF PLAT:
- - - SECTION LINES
- - - ROW & LOT BOUNDARIES

CURVE TABLE									
LOCATION	NO.	RADIUS	ARC LENGTH	CENTRAL ANGLE	CHORD LENGTH	CHORD BEARING	P.C. TANGENT	P.T. TANGENT	* - NON TANGENT
BLOCK 5 LOT 1	C8	828.08	198.91	88°58'52"	179.51	N82°44'43"W	N82°44'43"W	N72°44'00"E	
BLOCK 5 LOT 1	C9	50.00	18.54	90°00'00"	70.71	S17°24'09"W	S62°24'09"W	S21°55'37"E	
BLOCK 5 LOT 2	C30	71.00	29.44	99°32'24"	25.90	S40°58'08"W	N89°58'08"W	S28°42'00"E	
BLOCK 5 LOT 3	C31	874.41	71.04	3°28'30"	71.03	N83°25'55"E	N83°25'55"E	N82°00'40"E	
BLOCK 5 LOT 3	C32	333.00	66.46	11°29'00"	66.35	S68°09'33"W	S73°48'57"W	S62°29'34"W	
BLOCK 5 LOT 3	C33	107.01	66.29	3°29'52"	66.29	N57°02'45"E	N58°40'47"E	N55°19'48"E	
BLOCK LOT 3	C34	69.00	82.49	68°29'42"	77.66	N83°16'47"W	N89°05'56"W	S62°29'22"W	

SW COR. OF SE 1/4, SEC. 11, T. 11 N., R. 19 E.
BRASS CAP IN CONC. MON.
N 525,331.00
E 2,480,790.99
ELEV. 932.82
GROUND COORDINATES

P.O.C. SAW CROSS ON MH COVER AND SCARS ON FRAME SE COR. OF SE 1/4, SEC. 11, T. 11 N., R. 19 E. N 525,328.99 E 2,483,431.19 GROUND COORDINATES



08-13-04
REVISED 09-25-04
REVISED 10-04-04
William J. Sullivan
WILLIAM J. SULLIVAN R.L.S. No. 5-954 - State of Wisconsin

Making The Grade, Inc.
N48 W1470 HAMPTON AVE.
MEMONONEE FALLS, WI 53051
PHONE (262)781-1686
FAX (262)781-2388
EMAIL MAKTHEGRADE@SBCGLOBAL.NET

SHEET 3 OF 4

Map Book 44 Page 31

DCC# 1070447

Recorded NOV. 23, 2004 AT 02:25PM
BARBARA A. BARRINGER
REGISTER OF RECORDS
WASHINGTON COUNTY, WI
Fee Amount: 150.00

RiverShores

A division of Certified Survey Map No. 5713 lying in the Northeast 1/4 and Southeast 1/4 of the Southeast 1/4 of Section 11 and the Northwest 1/4 of the Southwest 1/4 of Section 12, Town 11 North, Range 19 East, City of West Bend, County of Washington, State of Wisconsin. Containing approximately 1,023,476 +/- sq. ft / 23.5 +/- acres to the ordinary high water mark.

SURVEYOR'S CERTIFICATE:

STATE OF WISCONSIN }
COUNTY OF MILWAUKEE } SS

I, WILLIAM J. SULLIVAN, Registered Land Surveyor, hereby certify:

That I have surveyed, divided and mapped Certified Survey Map No. 5713 lying in the Northeast 1/4 and the Southeast 1/4 of the Southeast 1/4 of Section 11 and in the Northwest 1/4 of the Southwest 1/4 of Section 12, Town 11 North, Range 19 East, City of West Bend, County of Washington, State of Wisconsin.

That I have made such survey, land-division and plat by the direction of Illinois Tool Works Mexico Holding, Inc. and Riverbend Development LLC., Owners of said land, containing 23.5 +/- acres and described on the plat of RiverShores, Exterior Boundary and Ordinary High Water Mark map (sheet 2 of 4) as follows:

COMMENCING at the Southeast corner of the Southeast 1/4 of said Section 11:
thence North 89° 57' 15" West along the South line of said Southeast 1/4 Section 207.12 feet;
thence North 00° 02' 45" East 33.00 feet to the North line of Washington Street and Point of Beginning;
thence North 89° 57' 15" West along said North line 69.76 feet to the meander line along the left bank of the Milwaukee River;
thence North 18° 51' 31" West along said meander line 222.11 feet;
thence North 35° 40' 27" West along said meander line 425.70 feet;
thence North 27° 35' 50" West along said meander line 777.76 feet;
thence North 30° 01' 22" West along said meander line 127.91 feet;
thence North 28° 14' 22" West along said meander line 127.74 feet;
thence North 28° 10' 15" West along said meander line 66.00 feet;
thence North 25° 18' 42" West along said meander line 171.34 feet;
thence North 28° 14' 43" East along said meander line 179.51 feet;
thence North 87° 10' 40" East along said meander line 460.04 feet;
thence North 65° 50' 37" East along said meander line 404.01 feet;
thence North 47° 36' 47.5" East along said meander line 310.30 feet;
thence South 73° 38' 12" East along said meander line 152.13 feet to its terminus and the Westerly line of the State of Wisconsin (Department of Natural Resources) right-of-way;
thence South 33° 25' 44" West along said Westerly line 538.69 feet to the beginning of a tangent curve concave to the Southeast, having a radius of 1482.69 feet, a central angle of 52° 17' 13" and whose chord bears South 07° 17' 06.5" West, 1306.61 feet;
thence Southerly along said Westerly line and arc of said curve 1353.08 feet to the end of a tangent curve;
thence South 18° 51' 31" East along said Westerly line 473.94 feet to the Point of Beginning together with those lands lying between the above described meander line and the Ordinary High Water Mark along the East bank of the Milwaukee River. Total area is 23.5 +/- acres.

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

That I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and the subdivision regulations of Chapter 18 of the Municipal Code of the City of West Bend, in surveying, dividing and mapping the same.

Dated this 13 day of August, 2004, William J. Sullivan RLS No. 954
Revised this 27 day of September, 2004
Revised 10-04-04

OWNER CERTIFICATE OF DEDICATION

ITW MEXICO HOLDINGS, INC. a Delaware corporation, as owner of a portion of the land described in this plat, does hereby certify that said corporation, has caused such portion of the land described on this plat to be surveyed, divided, mapped and dedicated, as represented on this plat.

ITW MEXICO HOLDINGS, INC. does further certify that this plat is required by S. 236.10 or S.236.12 of the Wisconsin Statutes, to be submitted to the following for approval or objection:

City of West Bend
Wisconsin Department of Administration
Wisconsin Department of Transportation
Washington County Planning, Environmental and Parks Committee.

ITW MEXICO HOLDING INC.

By: Allan C. Sutherland
Name: Allan C. SUTHERLAND
Title: VICE PRESIDENT

State of Illinois }
County of Cook } SS

Personally came before me this 17th day of September, 2004, Allan C. Sutherland, in his capacity as the Vice Pres. of ITW Mexico Holdings, Inc., to me known to be the person who execute the foregoing certificate in the capacity shown above, and acknowledged the same.



Jill Hansen
Notary Public
My Commission Expires 4-11-07 . ILLINOIS
Jill Hansen

OWNER CERTIFICATE OF DEDICATION

"Riverbend Development, LLC, being a limited liability company duly organized and existing under and by the virtue of the laws of the State of Wisconsin, as owner, does hereby certify that said limited liability company has caused the land described on this plat to be surveyed, divided, mapped and dedicated, as represented on this plat.

Riverbend Development, LLC does further certify that this plat is required by S. 236.10 or S.236.12 of the Wisconsin Statutes, to be submitted to the following for approval or objection:

City of West Bend
Wisconsin Department of Administration
Wisconsin Department of Transportation
Washington County Planning -Environmental and Parks Committee"

RIVERBEND DEVELOPMENT, LLC
By: EG Riverbend, LLC, Member
By: Endeavour Group Investments, LLC, Member

By: Timothy J. Dixon, Member

By: Michael Slavish, Manager
Name: Michael Slavish, Manager

State of Wisconsin }
Washington County } SS

"Personally came before me this day 28 of September, 2004, Timothy J. Dixon, in his capacity as a member of Endeavour Group Investments, LLC, which is the sole member of EG Riverbend, LLC, which is one of two members of Riverbend Development, LLC, known to me to be the person who executed the foregoing certificate in the capacity shown above, and acknowledged the same."

James E. Johnson
Notary Public
My Commission Expires 10/11/06
Milwaukee, Wisconsin

State of Wisconsin }
Washington County } SS

"Personally came before me this day 28 of September, 2004, Michael Slavish, in his capacity as a manager of Hendricks West Bend Investments, LLC, which is one of two members of Riverbend Development, LLC, known to me to be the person who executed the foregoing certificate in the capacity shown above, and acknowledged the same."

James E. Johnson
Notary Public
My Commission Expires 10/11/06
Milwaukee, Wisconsin

CONSENT OF MORTGAGEE

I, Geoffrey R. Naught, a representative of M&I Bank, mortgagee of the above described land, do hereby consent to the surveying, dividing, mapping and dedication of the land described on this plat, and I do hereby consent to the above certificate of Riverbend Development, LLC, owner.

WITNESS the hand and seal of M&I Marshall & Slaley Bank mortgagee, this 1st day of October, 2004.

In the presence of:
Geoffrey R. Naught
Mortgagee
Geoffrey Naught
Vice President

State of Wisconsin }
Washington County } SS

"Personally came before me this day 1st of October, 2004, the above named Geoffrey R. Naught, known to me to be the person who executed the foregoing instrument and acknowledged the same."



Leslie S. Albrecht
Notary Public
My Commission Expires 11-8-106
West Bend, Wisconsin
Leslie Albrecht

CITY OF WEST BEND CITY PLAN COMMISSION

This plat is hereby approved by the West Bend City Plan Commission as being in conformance with the City's Subdivision Ordinance this 20th day of July, 2004.

Michael R. Miller Michael R. Miller, Mayor
Amy Reuteman Barbara A. Barringer, City Clerk
Amy Reuteman, Deputy

CITY OF WEST BEND COMMON COUNCIL APPROVAL

This plat is hereby approved by the West Bend Common Council as being in conformance with the City's Subdivision Ordinance. The West Bend Common Council also hereby approves and accepts all dedications shown thereon. Adopted by Resolution No. 56, 2004 - 2005 Council this 8th day of November, 2004.

Michael R. Miller Michael R. Miller, Mayor
Amy Reuteman Barbara A. Barringer, City Clerk
Amy Reuteman, Deputy

CERTIFICATE OF CITY TREASURER

I, Suzanne M. Jarvis, being the duly appointed qualified and acting City Treasurer of the City of West Bend, do hereby certify that in accordance with the records in my office, there are no unpaid taxes or unpaid special assessments as of 15th Nov on any of the land included on the plat of RiverShores.

Suzanne M. Jarvis
Suzanne M. Jarvis, City Treasurer
Date 11-15-2004

CERTIFICATE OF COUNTY TREASURER

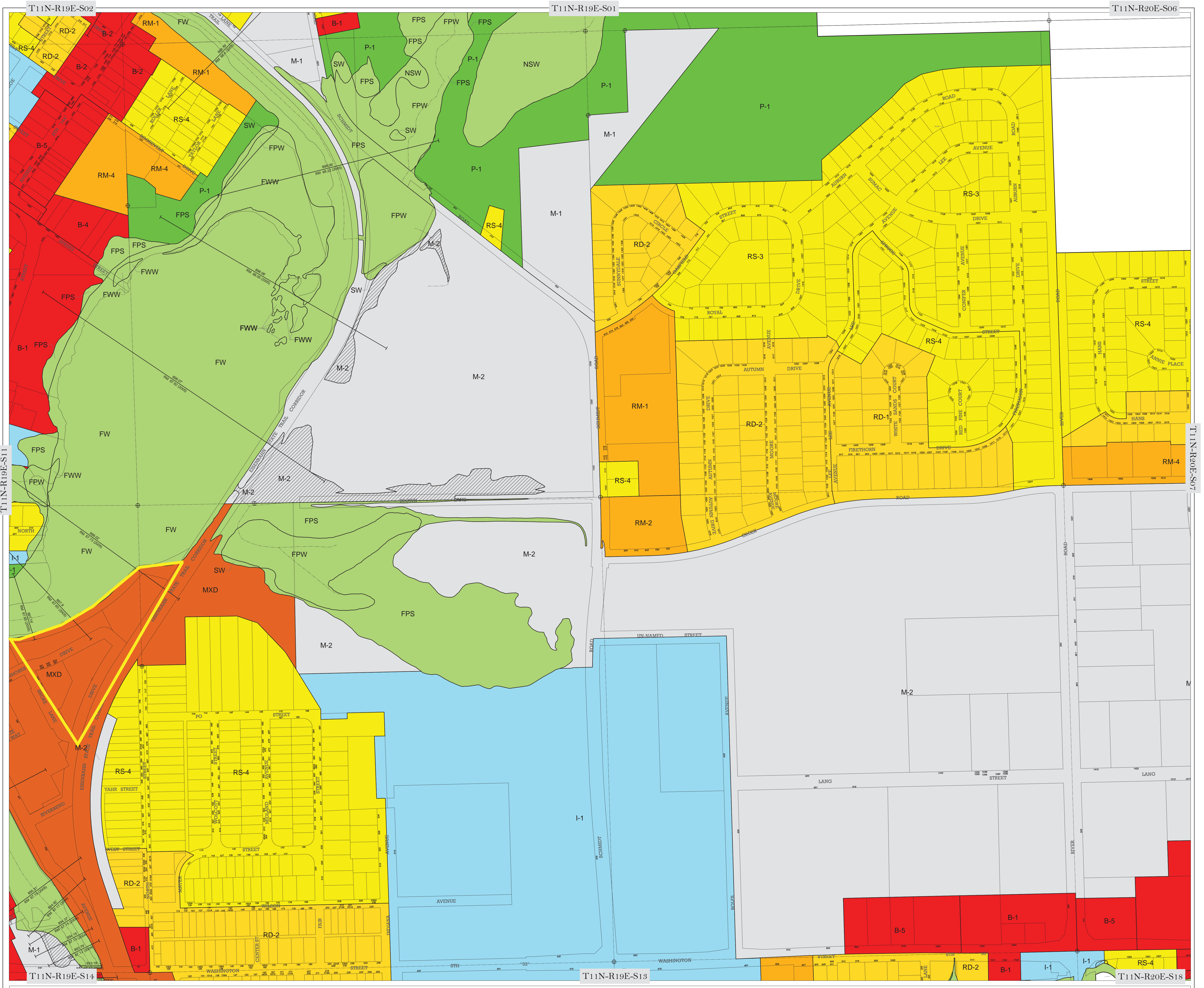
I, Janice Gettelman, being the duly appointed qualified and acting County Treasurer of the County of Washington, do hereby certify that in accordance with the records in my office, there are no unpaid taxes or unpaid special assessments as of 10-23-2004 on any of the land included on the plat of RiverShores, as to 2003 taxes and prior years.

Janice Gettelman / Gayle Reik
Janice Gettelman, County Treasurer
Date 11-23-04
GAYLE REIK
DEPUTY TREASURER

There are no objections to this plat with respect to s. 236.15, 236.16, 236.20 and 236.21 (1) and (2), Wis. Stats. as provided by s. 236.12, Wis. Stats.
Certified October 4th, 2004
Barbara A. Barringer
Department of Administration

Making The Grade, Inc.
N48 WHITTO HAMPTON AVE
MENDOTA FALLS, WI 53051
PHONE: (262)781-1586
FAX: (262)781-2388
EMAIL: MAKINGTHEGRADE@GMAIL.COM

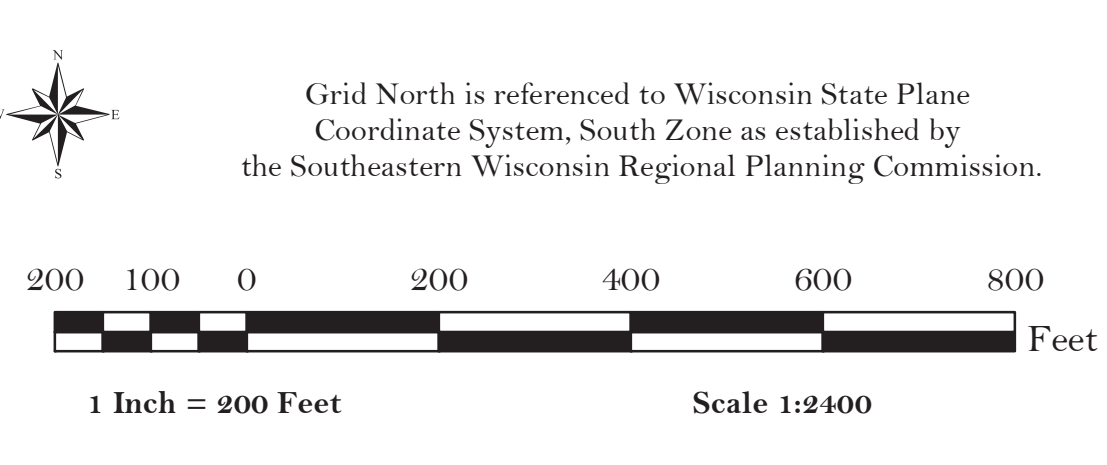
F.3 Verification Zoning



Zoning Map of T11N-R19E-S12

City of West Bend

Washington County, Wisconsin



- | | | | |
|---|--|--|--|
| <ul style="list-style-type: none"> Residential Single-Family Districts RS-1 Single-Family Residential RS-2 Single-Family Residential RS-3 Single-Family Residential RS-4 Single-Family Residential Residential Two-Family Districts RD-1 Two-Family Residential RD-2 Two-Family Residential Residential Multi-Family Districts RM-1 Multi-Family Residential RM-2 Multi-Family Residential RM-3 Multi-Family Residential RM-4 Multi-Family Residential RM-5 Multi-Family Residential | <ul style="list-style-type: none"> Mixed Residential Zoning (See Department of Community Development for details) MXD Mixed-Use Development Dist. Business Districts B-1 Community Business B-2 Central Business B-3 Neighborhood Office & Service B-4 General Business & Warehousing B-5 Neighborhood Office & Service B-6 Office Park B-7 Intensive Commercial & Distribution Public & Quasi-Public Institutional Dist. I-1 Institutional & Public Service | <ul style="list-style-type: none"> Manufacturing & Industrial Districts M-1 Light Industrial M-2 Heavy Industrial M-3 Planned Business Park Park & Recreation Districts P-1 Park, Recreation, & Open Space Floodland & Conservancy Districts FW Floodway FPW Floodway-Wetland FPS Floodplain-Storage SW Shoreland Wetland NSW Non-Shoreland Wetland Temporary Zoning District (See Dept. of Comm. Dev. for details) | <ul style="list-style-type: none"> Planned Unit Development Overlay Dist. Floodplain Fringe Overlay District PLSS Corner / Monument Water Feature Boundary Quarter-Section Lines Parcel Boundary Zoning District Boundary Floodplain elevation in feet above National Geodetic Vertical Datum (NGVD-1929) River Mile — Distance in miles above river mouth or confluence |
|---|--|--|--|

The district boundaries shown on this map are reflective of ordinances approved by the City of West Bend Common Council and are defined by the Zoning Code, Chapter 17 of the Municipal Code of the City of West Bend. Such boundaries are construed to follow: Corporate Limits, U.S. Public Land Survey Lines, Lot Property Lines, Centerlines of Right-of-Ways or Easements, or such lines extended.

Where district boundaries do not follow lines of record, boundaries have been input in accordance with the description given within the ordinance.

Wetland data shown on the final Wisconsin Wetland Inventory Maps for the City of West Bend prepared by the Wisconsin Department of Natural Resources and dated September 3, 1985 were used in preparation of this map.

The precise locations of Wetland Limits which serve as Zoning District Boundaries are subject to field verification. 11/16/17

Flood Hazard Data contained in the Flood Insurance Study, City of West Bend, Washington County, prepared by the Federal Emergency Management Agency (FEMA) and dated July 16, 1997, were used in the preparation of this map. Property Line information was provided by the City of West Bend and the Washington County Real Property Listers Office.

Horizontal Datum based on the Wisconsin State Plane Coordinate System, South Zone, North American Datum, 1927.

Data is current as of January 1, 2015

Amendment Date: October 16, 2005
Ordinance # 2271
Only Sections 1, 2, 11, 12

Certification:
I, the undersigned, Mayor of the City of West Bend, Washington County, Wisconsin, do hereby certify that this "Official Zoning Map" was adopted and approved as part of the "Zoning Ordinance, City of West Bend, Wisconsin", on January 28, 1991, and is available in the office of the City Clerk, Wisconsin. Changes thereafter shall not become effective until entered on this certified copy.

Michael D. Miller
MAYOR
DATE: January 23, 1991

Barbara A. Janning
CITY CLERK
DATE: January 19, 1991

City of West Bend
1115 South Main Street
West Bend, Wisconsin 53095
(920) 335-5122
gis@cityofwestbend.wi.us

Compiled and Created by:
City of West Bend
1115 South Main Street
West Bend, Wisconsin 53095
(920) 335-5122
gis@cityofwestbend.wi.us

Map # T11N-R19E-S12

F.4 Signed Statement

BRRTS No. 02-67-558358

Responsible Party (RP)

Illinois Tool Works (ITW), Inc.

155 Harlem Avenue

Glenview, IL 60025

I believe that the attached legal descriptions accurately describes the correct contaminated properties.



Ken Brown for ITW, Inc.

Date: October 11, 2016

G. Notifications to Owners of Affected Properties

BRRTS No. 02-67-558358

Four complete form 4400-286s (Riverbend Development (2) and City of West Bend (2)) follow this cover sheet, including accompanying proof of delivery.

Table G rows A, B, and C, are "SPO" and all documents are contained in Attachment F.

For Table G row D, the City-owned property parcel along the Milwaukee River, included documents are:

Deed furnished in July 2016 by the Washington County Clerk

The certified survey map, verification of zoning, and signed statement for Table G row D are included in Attachment F.



AFFECTED
A
PROPERTY

SOURCE
PROPERTY

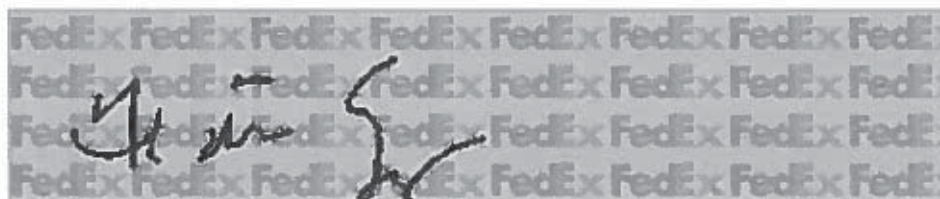
May 25, 2017

Dear Customer:

The following is the proof-of-delivery for tracking number **779171598424**.

Delivery Information:

Status:	Delivered	Delivered to:	Receptionist/Front Desk
Signed for by:	H.GUNYON	Delivery location:	525 3RD ST BELOIT, WI 53511
Service type:	FedEx 2Day	Delivery date:	May 24, 2017 11:36
Special Handling:	Deliver Weekday		



Shipping Information:

Tracking number:	779171598424	Ship date:	May 22, 2017
		Weight:	0.5 lbs/0.2 kg

Recipient:
Scott Henricks
Riverbend Development, LLC
525 Third Street, Suite 300
BELOIT, WI 53511 US

Shipper:
Dan Morgan
Tetra Tech
175 N CORPORATE DRIVE
STE. 100
BROOKFIELD, WI 53045 US
117-4170009 17

Reference

Thank you for choosing FedEx.

Section A: Deeded Property Notification: Residual Contamination and/or Continuing Obligations**KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS**

525 Third Street, Suite 300
Beloit, WI, 53511

Dear Mr. Henricks:

I am providing this letter to inform you of the location and extent of contamination remaining on your property, and of certain long-term responsibilities (continuing obligations) for which you may become responsible.

I have investigated a release of:

trichloroethylene at Area 1 (northeast vacant corner)

on 400 Washington Street, West Bend, WI, 53095 that has shown that contamination remains on this source property.

I have responded to the release and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

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

Please review the enclosed legal description of your property, and notify Daniel Morgan at 175 N Corporate Drive, Suite 100, Brookfield, WI, 53045 within the next 30 days if the legal description is incorrect.

The DNR will not review my closure request for at least 30 days after the date of receipt of this letter. As an affected property owner, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information that is relevant to this closure request, or if you want to waive the 30 day comment period, you should mail that information to the DNR contact: 141 NW Barstow Street, Room 180, Waukesha, WI, 53188, or at David.Volkert@wisconsin.gov.

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

The responses included

remediation of soil by excavation and landfill disposal and remediation of groundwater by chemical oxidation.

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

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

Contract for responsibility for continuing obligation:

Before I request closure, I will need to inform the DNR as to whom will be responsible for the continuing obligation/s on your property.

The property owner will be responsible for notifying the responsible party if any site soils will be removed from the site. Any soils removed from the site will require proper handling and disposal. The property owner will be responsible for notifying the responsible party if any buildings will be constructed on Area 1 to allow the vapor intrusion pathway to be addressed.

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

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

Remaining Contamination:***Soil Contamination:***

Soil contamination remains at :
Soils across Area 1

The remaining contaminants include:

Trichloroethylene

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

Trichloroethylene above the ground water protection residual contaminant level will degrade via natural attenuation.

Groundwater Contamination:

Groundwater contamination originated at the property located at 400 Washington Street, West Bend, WI, 53095.

The levels of
Trichloroethylene

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

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

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

Vapor Intrusion:

Remaining contamination in soil and/or groundwater at this site is contributing to the intrusion of vapors at your property, or to the potential for vapor intrusion. Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building. The following DNR fact sheet (RR 892, "Vapor Intrusion: What to Expect if Vapor Intrusion from Soil and Groundwater Contamination Exist on My Property") has been included with this notification to help explain vapor intrusion and the use of vapor mitigation systems. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/files/PDF/pubs/rr/RR892.pdf>

At your property at: 400 Washington Street, West Bend, WI, 53095
the residual soil and/or groundwater contamination may cause vapor intrusion of
trichloroethylene levels that
are above vapor risk action levels, beneath the foundation on your property.

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

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

Residual Soil Contamination:

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

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

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

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

Filling and Sealing Monitoring Wells:

A monitoring well or wells remain on your property. I was unable to locate these monitoring well(s) to properly fill and seal them because they were paved over, covered or removed during site development activities. When located, the remaining wells need to be filled and sealed in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well filling and sealing needs to be provided to the DNR on form 3300-005, at

<http://dnr.wi.gov/files/pdf/forms/3300/3300-005.pdf>. A map, Figure B2B , is attached, which shows the location of well # MW-1B .

Vapor: Future Actions to Address Vapor Intrusion:

While vapor intrusion does not currently exist, if a building is constructed on this property, or reconstructed, or if use of a building is changed to a residential-type use, vapor intrusion may become an issue. If closure is approved, notification of the DNR will be required before construction of a building or changing the use of an existing building to residential occupancy. The use of vapor control technologies or an assessment of the potential for vapor intrusion will be required at that time.

Maintenance and Audits of Continuing Obligations:

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

GIS Registry and Well Construction Requirements:

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

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

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A
PROPERTY

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PROPERTY

**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (9/15)

Page 4 of 4

Site Closure:

If the DNR grants closure, you will receive a letter which defines the specific continuing obligations on your property. The status of the site (open or closed) may also be checked by searching BRRTS on the Web. You may view or download a copy of the closure letter (sent to the responsible party) from BRRTS on the Web. You may also request a copy of the closure letter from the **responsible party** or by writing to the DNR contact, at David Volkert, David.Volkert@wisconsin.gov, (262) 574-2166. The final closure letter will contain a description of the continuing obligation, any prohibitions on activities and will include any applicable maintenance plan.

If you have any questions regarding this notification, I can be reached at: (262) 792-1282
dan.morgan@tetrattech.com

Daniel L. Morgan

Date Signed

3/17/2017

Signature of responsible party/environmental consultant for the responsible party

Attachments

Contact Information

Legal Description for each Parcel:

Maps:

Filling & sealing - Well Location Map

A map, Figure B2B

Date 01/26/2017

Factsheets:

RR 819, Continuing Obligations for Environmental Protection

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

RR 892, Vapor Intrusion: What to Expect if Vapor Intrusion from Soil and Groundwater Contamination Exist on My Property

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**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (9/15)

C. I. Page

The affected property is:

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

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

Contact Information

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

Responsible Party Name Illinios Tool Works, Inc.

Contact Person Last Name Brown	First Ken	MI	Phone Number (include area code) (224) 661-7784		
Address 155 Harlem Avenue		City Glenview	State IL	ZIP Code 60025	
E-mail kbrown@itw.com					

Name of Party Receiving Notification:

Business Name, if applicable: Riverbend Development, LLC

Title Mr.	Last Name Henricks	First Scott	MI	Phone Number (include area code) (608) 466-4151	
Address 525 Third Street, Suite 300		City Beloit	State WI	ZIP Code 53511	

Site Name and Source Property Information:

Site (Activity) Name Former West Bend Company Facility

Address 400 Washington Street		City West Bend	State WI	ZIP Code 53095
DNR ID # (BRRTS#) 02-67-558358		(DATCP) ID #		

Contacts for Questions:

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

Environmental Consultant: Tetra Tech, Inc.

Contact Person Last Name Morgan	First Daniel	MI L	Phone Number (include area code) (262) 792-1282		
Address 175 N Corporate Drive, Suite 100		City Brookfield	State WI	ZIP Code 53045	
E-mail dan.morgan@tetrattech.com					

Department Contact:

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

Department of: Natural Resources (DNR)

Address 141 NW Barstow Street, Room 180		City Waukesha	State WI	ZIP Code 53188	
Contact Person Last Name Volkert	First David	MI	Phone Number (include area code) (262) 574-2166		
E-mail (Firstname Lastname@wisconsin.gov) David.Volkert@wisconsin.gov					

AFFECTED
A
PROPERTY

SOURCE
PROPERTY

July 12, 2016

BRRTS # 02-67-558358

Attached legal description of property at 400 Washington Street (Former West Bend Company site address), West Bend, Wisconsin

Area 1

Current Address: 4150 Rivershores Drive

Parcel ID # 291 11191146003

Section 11, Township 11, Range 19

Legal Description:

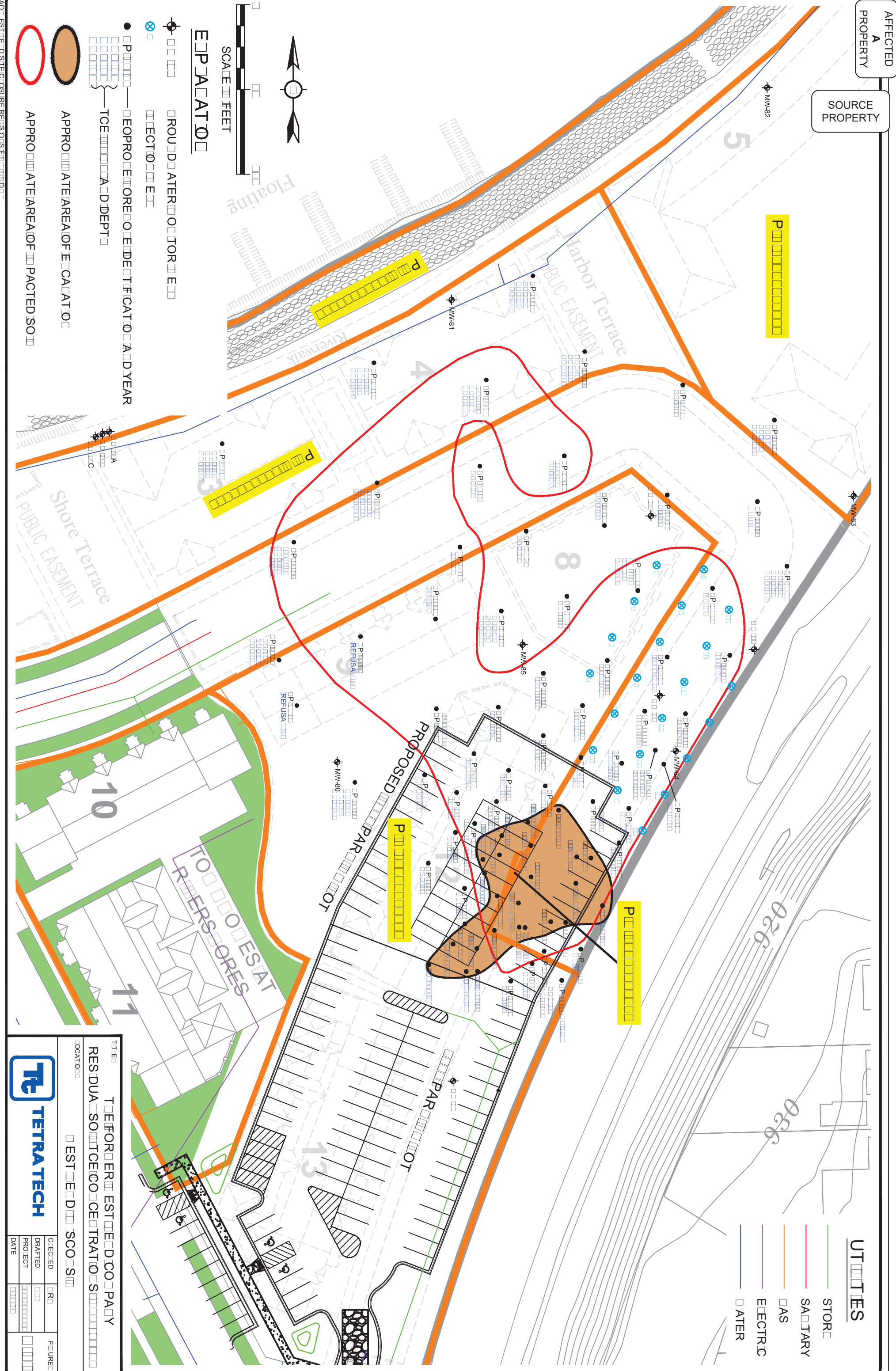
Lot 2 CSM #6595 and that part of the vacated row as described in DOC #1373543

AFFECTED PROPERTY

SOURCE PROPERTY

UTILITIES

- STORAGE
- SANITARY
- GAS
- ELECTRIC
- WATER



SCALE FEET

LEGEND

- PROPOSED WATER
- PROPOSED ELECTRIC
- PROPOSED GAS
- PROPOSED SANITARY
- PROPOSED STORAGE
- PROPOSED WATER
- PROPOSED ELECTRIC
- PROPOSED GAS
- PROPOSED SANITARY
- PROPOSED STORAGE
- PROPOSED WATER
- PROPOSED ELECTRIC
- PROPOSED GAS
- PROPOSED SANITARY
- PROPOSED STORAGE

TITLE

TETRA TECH

RESIDUAL SERVICE CONTRACTORS

ESTIMATED COSTS

DATE

PROJECT

DATE

AFFECTED
A
PROPERTY

SOURCE
PROPERTY

BY DLM DATE 9.23.16

PROJECT ITW AREA 1

SHEET NO. 1 OF 1

CHKD. BY _____ DATE _____

PROJ. NO. _____

7016 0910 0001 7922 3734

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
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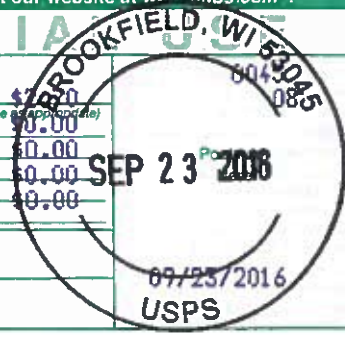
For delivery information, visit our website at www.usps.com®.

BELOIT, WI 53511

Certified Mail Fee	\$3.30
Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.15
Total Postage and Fees	\$7.15

Sent To RIVER BEND DEVELOPMENT
 Street and Apt. No., or PO Box No. 525 THIRD STREET, SUITE 300
 City, State, ZIP+4® BELOIT, WI 53511

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



Section A: Deeded Property Notification: Residual Contamination and/or Continuing Obligations**KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS**

525 Third Street, Suite 300
Beloit, WI, 53511

Dear Mr. Hendricks:

I am providing this letter to inform you of the location and extent of contamination remaining on your property, and of certain long-term responsibilities (continuing obligations) for which you may become responsible.

I have investigated a release of:

trichloroethylene at Area 1 (northeast vacant corner)

on 400 Washington Street, West Bend, WI, 53095 that has shown that contamination remains on this source property. I have responded to the release and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

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

Please review the enclosed legal description of your property, and notify Daniel Morgan at 175 N Corporate Drive, Suite 100, Brookfield, WI, 53045 within the next 30 days if the legal description is incorrect.

The DNR will not review my closure request for at least 30 days after the date of receipt of this letter. As an affected property owner, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information that is relevant to this closure request, or if you want to waive the 30 day comment period, you should mail that information to the DNR contact: 141 NW Barstow Street, Room 180, Waukesha, WI, 53188, or at David.Volkert@wisconsin.gov.

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

The responses included

remediation of soil by excavation and landfill disposal and remediation of groundwater by chemical oxidation.

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

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

Contract for responsibility for continuing obligation:

Before I request closure, I will need to inform the DNR as to whom will be responsible for the continuing obligation/s on your property.

The property owner will be responsible for notifying the responsible party if any site soils will be removed from the site. Any soils removed from the site will require proper handling and disposal. The property owner will be responsible for notifying the responsible party if any buildings will be constructed on Area 1 to allow the vapor intrusion pathway to be addressed.

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

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

Remaining Contamination:**Soil Contamination:**

Soil contamination remains at :
Soils across Area 1

The remaining contaminants include:
Trichloroethylene

at levels which exceed the soil standards found in ch. NR 720, Wis. Adm. Code. The following steps have been taken to address any exposure to the remaining soil contamination.
Trichloroethylene above the ground water protection residual contaminant level will degrade via natural attenuation.

Groundwater Contamination:

Groundwater contamination originated at the property located at 400 Washington Street, West Bend, WI, 53095.

The levels of
Trichloroethylene

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

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

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

Vapor Intrusion:

Remaining contamination in soil and/or groundwater at this site is contributing to the intrusion of vapors at your property, or to the potential for vapor intrusion. Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building. The following DNR fact sheet (RR 892, "Vapor Intrusion: What to Expect if Vapor Intrusion from Soil and Groundwater Contamination Exist on My Property") has been included with this notification to help explain vapor intrusion and the use of vapor mitigation systems. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/files/PDF/pubs/rr/RR892.pdf>

At your property at: 400 Washington Street, West Bend, WI, 53095
the residual soil and/or groundwater contamination may cause vapor intrusion of
trichloroethylene levels that
are above vapor risk action levels, beneath the foundation on your property.

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

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

Residual Soil Contamination:

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

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

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

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

Vapor: Future Actions to Address Vapor Intrusion:

While vapor intrusion does not currently exist, if a building is constructed on this property, or reconstructed, or if use of a building is changed to a residential-type use, vapor intrusion may become an issue. If closure is approved, notification of the DNR will be required before construction of a building or changing the use of an existing building to residential occupancy. The use of vapor control technologies or an assessment of the potential for vapor intrusion will be required at that time.

Maintenance and Audits of Continuing Obligations:

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

GIS Registry and Well Construction Requirements:

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

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

Site Closure:

If the DNR grants closure, you will receive a letter which defines the specific continuing obligations on your property. The status of the site (open or closed) may also be checked by searching BRRTS on the Web. You may view or download a copy of the closure letter (sent to the responsible party) from BRRTS on the Web. You may also request a copy of the closure letter from the responsible party or by writing to the DNR contact, at David Volkert, David.Volkert@wisconsin.gov, (262) 574-2166. The final closure letter will contain a description of the continuing obligation, any prohibitions on activities and will include any applicable maintenance plan.

If you have any questions regarding this notification, I can be reached at: (262) 792-1282
dan.morgan.noel@tetrattech.com

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A
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**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (9/15)

Page 4 of 4

Daniel L. Morgan

Date Signed

9-19-16

Signature of responsible party/environmental consultant for the responsible party

Attachments

Contact Information

Legal Description for each Parcel:

Factsheets:

RR 819, Continuing Obligations for Environmental Protection

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

RR 892, Vapor Intrusion: What to Expect if Vapor Intrusion from Soil and Groundwater Contamination Exist on My Property

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PROPERTY

**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (9/15)

C. I. Page

The affected property is:

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

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

Contact Information

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

Responsible Party Name **Illinois Tool Works, Inc.**

Contact Person Last Name Brown	First Ken	MI	Phone Number (include area code) (224) 661-7784
Address 155 Harlem Avenue	City Glenview	State IL	ZIP Code 60025
E-mail kbrown@itw.com			

Name of Party Receiving Notification:

Business Name, if applicable: **Riverbend Development, LLC**

Title Mr.	Last Name Hendricks	First Scott	MI	Phone Number (include area code) (608) 466-4151
Address 525 Third Street, Suite 300	City Beloit	State WI	ZIP Code 53511	

Site Name and Source Property Information:

Site (Activity) Name **Former West Bend Company Facility**

Address 400 Washington Street	City West Bend	State WI	ZIP Code 53095
DNR ID # (BRRTS#) 02-67-558358	(DATCP) ID #		

Contacts for Questions:

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

Environmental Consultant: Tetra Tech, Inc.

Contact Person Last Name Morgan	First Daniel	MI L	Phone Number (include area code) (262) 792-1282
Address 175 N Corporate Drive, Suite 100	City Brookfield	State WI	ZIP Code 53045
E-mail dan.morgan@tetrattech.com			

Department Contact:

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

Department of: **Natural Resources (DNR)**

Address 141 NW Barstow Street, Room 180	City Waukesha	State WI	ZIP Code 53188
Contact Person Last Name Volkert	First David	MI	Phone Number (include area code) (262) 574-2166
E-mail (Firstname.Lastname@wisconsin.gov) David.Volkert@wisconsin.gov			

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A
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September 21, 2016

BRRTS # 02-67-558358

Attached legal description of property at 400 Washington Street (Former West Bend Company site address), West Bend, Wisconsin

Area 1 (For WDNR reference)

Current Address: 4150 Rivershores Drive

Parcel ID # 291 11191146003

Section 11, Township 11, Range 19

Legal Description:

Lot 2 CSM #6595 and that part of the vacated row as described in DOC #1373543

Current Address: Rivershores Drive

Parcel ID # 291 11191140830

Section 11, Township 11, Range 19

Legal Description:

Rivershores Block 5, Lot 4

Current Address: Rivershores Drive

Parcel ID # 291 11191140829

Section 11, Township 11, Range 19

Legal Description:

Rivershores Block 5, Lot 3

BY DLM DATE 9.23.16 PROJECT ITW AREA 1
CHKD. BY _____ DATE _____

SHEET NO. 1 OF 1
PROJ. NO. _____

7016 0910 0001 7922 3727

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WEST BEND, WI 53095

Certified Mail Fee	\$3.30
Extra Services & Fees (check box, add fee cost)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$2.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00
Postage	\$1.15
Total Postage and Fees	\$7.15

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Street and Apt. No., or PO Box No. **1115 SOUTH MAIN STREET**
City, State, ZIP+4® **WEST BEND WI 53095**

Postmark Here
SEP 23 2016
09/23/2016

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

1115 South Main Street
West Bend, WI, 53095

Dear City Engineer:

I am providing this letter to inform you of the location and extent of contamination remaining on your property, and of certain long-term responsibilities (continuing obligations) for which you may become responsible.

I have investigated a release of:

trichloroethylene at Area 1 (northeast vacant corner) Property PIN 1119.114.0831, north of River Shores DR along river on 400 Washington Street, West Bend, WI, 53095 that has shown that contamination has migrated onto your property. I have responded to the release and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

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

Please review the enclosed legal description of your property, and notify Daniel Morgan at 175 N Corporate Drive, Suite 100, Brookfield, WI, 53045 within the next 30 days if the legal description is incorrect.

The DNR will not review my closure request for at least 30 days after the date of receipt of this letter. As an affected property owner, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information that is relevant to this closure request, or if you want to waive the 30 day comment period, you should mail that information to the DNR contact: 141 NW Barstow Street, Room 180, Waukesha, WI, 53188, or at David.Volkert@wisconsin.gov.

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

The responses included
remediation of groundwater by chemical oxidation.

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

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

Contract for responsibility for continuing obligation:

Before I request closure, I will need to inform the DNR as to whom will be responsible for the continuing obligation/s on your property.

The property owner will be responsible for notifying the responsible party if any buildings will be constructed on Area 1 - PIN 1119.114.0831 to allow the vapor intrusion pathway to be addressed.

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

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

Groundwater Contamination:

Groundwater contamination originated at the property located at 400 Washington Street, West Bend, WI, 53095.

The levels of
Trichloroethylene

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

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

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

Vapor Intrusion:

Remaining contamination in soil and/or groundwater at this site is contributing to the intrusion of vapors at your property, or to the potential for vapor intrusion. Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building. The following DNR fact sheet (RR 892, "Vapor Intrusion: What to Expect if Vapor Intrusion from Soil and Groundwater Contamination Exist on My Property") has been included with this notification to help explain vapor intrusion and the use of vapor mitigation systems. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/files/PDF/pubs/rr/RR892.pdf>

At your property at: 400 Washington Street, West Bend, WI, 53095
the levels of trichloroethylene
are above vapor risk action levels, beneath the foundation on your property.

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

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

Vapor: Future Actions to Address Vapor Intrusion:

While vapor intrusion does not currently exist, if a building is constructed on this property, or reconstructed, or if use of a building is changed to a residential-type use, vapor intrusion may become an issue. If closure is approved, notification of the DNR will be required before construction of a building or changing the use of an existing building to residential occupancy. The use of vapor control technologies or an assessment of the potential for vapor intrusion will be required at that time.

Maintenance and Audits of Continuing Obligations:

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

GIS Registry and Well Construction Requirements:

If this site is closed, all properties within the site boundaries where contamination remains, or where a continuing obligation is applied, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at <http://dnr.wi.gov/topic/Brownfields/clean.html>. Inclusion on this database provides public notice of remaining

contamination and of any continuing obligations. Documents can be viewed on this database, and include final closure letters, site maps and any applicable maintenance plans. The location of the site may also be viewed on the Remediation and Redevelopment Sites Map (RR Sites Map), on the "GIS Registry" layer, at the same internet address listed above.

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

Site Closure:

If the DNR grants closure, you will receive a letter which defines the specific continuing obligations on your property. The status of the site (open or closed) may also be checked by searching BRRTS on the Web. You may view or download a copy of the closure letter (sent to the responsible party) from BRRTS on the Web. You may also request a copy of the closure letter from the **responsible party** or by writing to the DNR contact, at David Volkert, David.Volkert@wisconsin.gov, (262) 574-2166. The final closure letter will contain a description of the continuing obligation, any prohibitions on activities and will include any applicable maintenance plan.

If you have any questions regarding this notification, I can be reached at: (262) 792-1282
dan.morgan@tetrattech.com

Daniel L. Morgan

Date Signed 9-19-16

Signature of responsible party/environmental consultant for the responsible party

Attachments

Contact Information

Legal Description for each Parcel:

Factsheets:

RR 819, Continuing Obligations for Environmental Protection

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

RR 892, Vapor Intrusion: What to Expect if Vapor Intrusion from Soil and Groundwater Contamination Exist on My Property

The affected property is:

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

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

Contact Information

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

Responsible Party Name **Illinois Tool Works, Inc.**

Contact Person Last Name Brown	First Ken	MI	Phone Number (include area code) (224) 661-7784	
Address 155 Harlem Avenue		City Glenview	State IL	ZIP Code 60025
E-mail kbrown@itw.com				

Name of Party Receiving Notification:

Business Name, if applicable: **City of West Bend**

Title City Engineer	Last Name City Engineer	First	MI	Phone Number (include area code) (262) 335-5130	
Address 1115 South Main Street		City West Bend	State WI	ZIP Code 53095	

Site Name and Source Property Information:

Site (Activity) Name **Former West Bend Company Facility**

Address 400 Washington Street		City West Bend	State WI	ZIP Code 53095
DNR ID # (BRRTS#) 02-67-257332		(DATCP) ID #		

Contacts for Questions:

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

Environmental Consultant: Tetra Tech, Inc.

Contact Person Last Name Morgan	First Daniel	MI L	Phone Number (include area code) (262) 792-1282	
Address 175 N Corporate Drive, Suite 100		City Brookfield	State WI	ZIP Code 53045
E-mail dan.morgan@tetrattech.com				

Department Contact:

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

Department of: **Natural Resources (DNR)**

Address 141 NW Barstow Street, Room 180		City Waukesha	State WI	ZIP Code 53188
Contact Person Last Name Volkert	First David	MI	Phone Number (include area code) (262) 574-2166	
E-mail (Firstname.Lastname@wisconsin.gov) David.Volkert@wisconsin.gov				

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September 19, 2016

BRRTS # 02-67-558358

Attached legal description of property at 400 Washington Street (Former West Bend Company site address), West Bend, Wisconsin

Area 1 City Property along Milwaukee River north of Rivershores Drive

Current Address: Rivershores Drive

Parcel ID # 291 11191140831 and Silverbrook Drive Right-of-Way

Section 11, Township 11, Range 19

Legal Description:

Rivershores Block 5, Out Lot 1

DOC#: 1073857



Recorded
DEC. 29, 2004 AT 12:00PM
SHARON A. MARTIN
REGISTER OF DEEDS
WASHINGTON COUNTY, WI
Fee Amount: \$13.00
Transfer Fee: \$1451.40

QUIT CLAIM DEED

Document Number

Document Title

This Deed, made between Riverbend Development LLC, a Wisconsin limited liability company, Grantor, and The Point at River Shores, LLC, a Wisconsin limited liability company, Grantee.

Grantor quit claims to Grantee the following described real estate in Washington County, State of Wisconsin (the "Property"):

Lot 1, Block 5, River Shores, a division of Certified Survey Map 5713 lying in the Northeast 1/4 and Southeast 1/4 of the Southeast 1/4 of Section 11 and the Northwest 1/4 of the Southwest 1/4 of Section 12, Town 11 North, Range 19 East, in the City of West Bend, Washington County, State of Wisconsin.

Together with all appurtenant rights, title and interests.

Dated this 28th day of December, 2004

RIVERBEND DEVELOPMENT, LLC
By: Hendricks West Bend Investments, LLC, Member

By: 
Michael Slavish, Manager

By: EG Riverbend, LLC, Member
By: Endeavour Group Investments, LLC, Member

By: 
Timothy J. Dixon, Member

[NOTARIES ON FOLLOWING PAGE]

Recording Area

Name and Return Address:

Jill Klees
Michael Best & Friedrich LLP
100 East Wisconsin Avenue
Suite 3300
Milwaukee, WI 53202

13.2

PN:

Part of 1119-114-0004

TRANSFER
\$ 1,451.40
FEE

STATE OF WISCONSIN)
) SS
COUNTY OF MILWAUKEE)

On this 28th day of December, 2004, personally came before me Timothy J. Dixon in his capacity as a member of Endeavour Group Investments, LLC, member of EG Riverbend, LLC, member of Riverbend Development, LLC, and the person who executed the foregoing instrument on behalf of said limited liability company and acknowledged the same.

[Notarial Seal]

Timothy J. Dixon
Notary Public, State of Wisconsin
My Commission: Expires 11/04/07

STATE OF WISCONSIN)
) SS
COUNTY OF Rock MILWAUKEE)
December

On this 27th day of May, 2004, personally came before me Michael Slavish as the manager of Hendricks West Bend Investments, LLC, member of Riverbend Development LLC, and the person who executed the foregoing instrument on behalf of said limited liability company and acknowledged the same.

[Notarial Seal]

Kristy A. Cummings
Notary Public, State of Wisconsin
My Commission: Expires 1-23-05

This instrument was drafted by:
Hal Karas, Esq.
Michael Best & Friedrich LLP
100 East Wisconsin, Suite 3300
Milwaukee, WI 53202

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USPS TRACKING#



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

9590 9402 2497 6306 5855 28

United States
Postal Service


• Sender: Please print your name, address, and ZIP+4® in this box•

TETRA TECH
ATTN: D. MORGAN
175 N. CORPORATE DRIVE
SUITE 100
BROOKFIELD, WI 53045



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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">■ Complete items 1, 2, and 3.■ Print your name and address on the reverse so that we can return the card to you.■ Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature X <i>Jean Kilbourn</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: CITY CLERK 1115 SOUTH MAIN STREET WEST BEND, WI 53095  9590 9402 2497 6306 5855 28	B. Received by (Printed Name) <i>Jean Kilbourn</i>	C. Date of Delivery <i>3/20/17</i>
2. Article Number (Transfer from service label)	D. Is delivery address different from item 1? <input type="checkbox"/> Yes if YES, enter delivery address below: <input type="checkbox"/> No 3. Service Type <input checked="" type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation	

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**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (9/15)

Section B: ROW Notification: Residual Contamination and/or Continuing Obligations - Non-DOT ROWs

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

1115 South Main Street
West Bend, WI, 53095

Dear City Clerk:

I am providing this notification to inform you of the location and extent of contamination remaining in a right-of-way for which you are responsible, and of certain long-term responsibilities (continuing obligations) for which city of West Bend may become responsible. I investigated a release of: trichloroethylene in soil and groundwater in the northern portion of the Former West Bend Company site (Riverbend Drive right-of-way and Rivershores Drive right-of-way: see attached figure) on 400 Washington Street, West Bend, WI, 53095 that has shown that contamination has migrated into the right-of-way for which city of West Bend is responsible. I have responded to the release, and will be requesting that the Department of Natural Resources (DNR) grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken. However, continuing obligations may be imposed as a condition of closure approval.

You have 30 days to comment on the proposed closure request:

The DNR will not review my closure request for at least 30 days after the date of this letter. As an affected right-of-way holder, you have a right to contact the DNR to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the DNR that is relevant to this closure request, you should mail that information to the DNR contact: 141 NW Barstow Street, Room 180, Waukesha, WI, 53188, or at David.Volkert@wisconsin.gov.

Residual Contamination:

Groundwater Contamination:

Groundwater contamination originated at the property located at: 400 Washington Street, West Bend, WI, 53095 . Contaminated groundwater has migrated onto your property at: Riverbend Drive right-of-way and Rivershores Drive right-of-way

The levels of

trichloroethylene

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

Soil Contamination:

Soil contamination remains at:

Riverbend Drive right-of-way and Rivershores Drive right-of-way

The remaining contaminants include :

trichloroethylene

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

Soil sampling has indicated trichloroethylene levels in soils within the Riverbend Drive right-of-way and

Rivershores Drive right-of-way are below the WDNR direct contact screening level and do not pose a direct contact human health hazard.

If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If you or any other person plan to conduct utility or building construction for which dewatering will be necessary, you or that person must contact the DNR's Water Quality Program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at <http://dnr.wi.gov/topic/wastewater/GeneralPermits.html>.

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**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (9/15)

Page 2 of -4

Vapor Intrusion:

Remaining contamination in soil and/or groundwater at this site may contribute to the potential for vapor intrusion. Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building. The following fact sheet (RR 892, RR 892, "Vapor Intrusion: What to Expect if Vapor Intrusion from Soil and Groundwater Contamination Exist on My Property") has been included with this notification to help explain vapor intrusion and the use of vapor mitigation systems. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/files/PDF/pubs/r/RR892.pdf>

Continuing Obligations on the Right-of-Way (ROW): As part of the response actions, I am proposing that the following continuing obligations be used at the affected ROW. If my closure request is approved, you will be responsible for the following continuing obligations:

Residual Soil Contamination:

If soil is excavated from the areas with residual contamination, the right-of-way holder at the time of excavation will be responsible for the following:

- determine if contamination is present,
 - determine whether the material would be considered solid or hazardous waste,
 - ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.
- Contaminated soil may be managed in-place, in accordance with s. NR 718, Wis. Adm. Code, with prior Department approval.

The right-of-way holder needs to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans from ingestion, inhalation or dermal contact.

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

GIS Registry and Well Construction Requirements:

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

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

If you have any questions regarding this notification, I can be reached at: (262) 792-1282
dan.morgan@tetrattech.com

<i>Signature of responsible party/environmental consultant for the responsible party</i>	Date Signed
Daniel L. Morgan	3-17-2017

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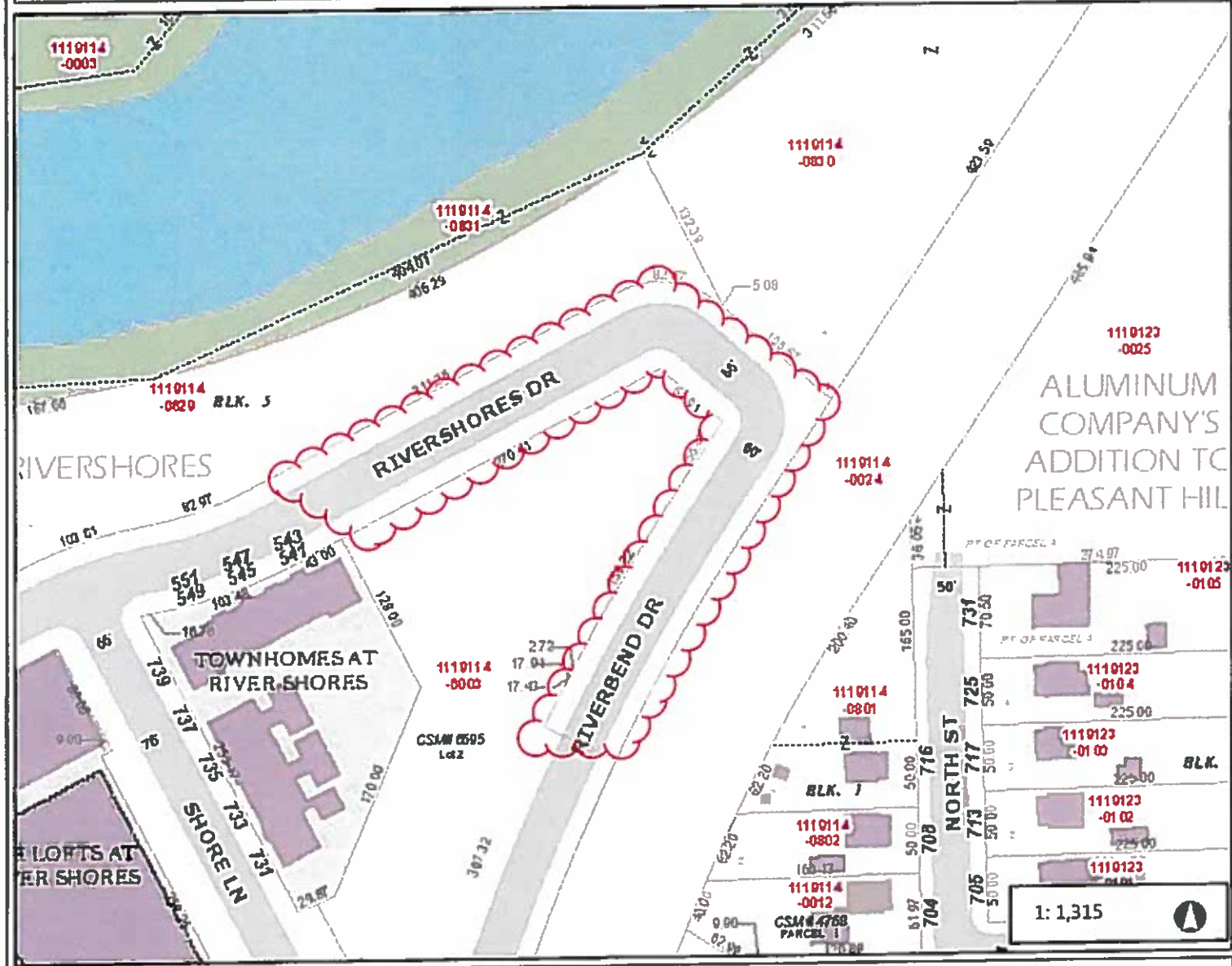
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City of West Bend, Wisconsin

The information and depictions herein are for informational purposes and City of West Bend specifically disclaims accuracy in this reproduction and specifically admonishes and advises that if specific and precise accuracy is required, the same should be determined by procurement of certified maps, surveys, plats, Flood Insurance Studies, or other official means. The City of West Bend will not be responsible for any damages which result from third party use of the information and depictions herein or for use which ignores this warning.

- Legend**
- Property Lines
 - Buildings
 - Tax Parcels
 - Primary Tax Parcel
 - Condominium Tax Parcel
 - Private Right-of-Way
 - Street Names
 - Park Land
 - Railroad
 - Pavement
 - WB City Limit Line
 - Lakes and Ponds
 - Rivers
 - Creeks



1: 1,315

Notes

Not to be used for permit issuance. Not to be used as a substitute for survey accurate information.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

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**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (9/15)

Page 3 of -4

Attachments

Contact Information

Legal Description for each Parcel:

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**Notification of Continuing Obligations
and Residual Contamination**

Form 4400-286 (9/15)

C. I. Page

The affected property is:

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

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

Contact Information

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

Responsible Party Name Illinois Tool Works, Inc.

Contact Person Last Name Brown	First Ken	MI	Phone Number (include area code) (224) 661-7784	
Address 155 Harlem Avenue		City Glenview	State IL	ZIP Code 60025
E-mail <u>kbrown@itw.com</u>				

Name of Party Receiving Notification:

Business Name, if applicable: City of West Bend - City Clerk

Title City Clerk	Last Name	First	MI	Phone Number (include area code) (262) 335-5100	
Address 1115 South Main Street		City West Bend	State WI	ZIP Code 53095	

Site Name and Source Property Information:

Site (Activity) Name Former West Bend Company Facility

Address 400 Washington Street		City West Bend	State WI	ZIP Code 53095
DNR ID # (BRRTS#) 02-67-558358		(DATCP) ID #		

Contacts for Questions:

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

Environmental Consultant: Tetra Tech, Inc.

Contact Person Last Name Morgan	First Daniel	MI L	Phone Number (include area code) (262) 792-1282	
Address 175 N Corporate Drive, Suite 100		City Brookfield	State WI	ZIP Code 53045
E-mail <u>dan.morgan@tetrattech.com</u>				

Department Contact:

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

Department of: Natural Resources (DNR)

Address 141 NW Barstow Street, Room 180		City Waukesha	State WI	ZIP Code 53188
Contact Person Last Name Volkert	First David	MI	Phone Number (include area code) (262) 574-2166	
E-mail (Firstname.Lastname@wisconsin.gov) <u>David.Volkert@wisconsin.gov</u>				

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Page 4 of 4

January 17, 2017

BRRTS # 02-67-558358

Attachment – Legal Description

Legal descriptions for the Riverbend Drive right-of-way and the Rivershores Drive right-of-way are not available.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Waukesha Service Center
141 NW Barstow Street
Waukesha WI 53188

Scott Walker, Governor
Kurt A. Thiede, Interim Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



September 13, 2017

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Mr. Max Marechal, City Engineer
City of West Bend
1115 South Main Street
West Bend, WI 53095

SUBJECT: Continuing Obligations and Property Owner Requirements for Rivershores Block 5, Outlot 1; Parcel Identification Number: 11191140831
Final Case Closure for Former West Bend Company Area 1, West Bend, WI
DNR BRRTS Activity # 02-67-558358, FID# 267004650

Dear Mr. Marechal:

The purpose of this letter is to notify you that certain continuing obligations apply to the property described as Rivershores Block 5, Outlot 1 (referred to in this letter as the "Property") due to contamination remaining on the Property. The Property is adjacent to the Milwaukee River and is situated between the river and Rivershores Drive. The Parcel Identification Number for the Property is 11191140831. The continuing obligations are part of the cleanup and case closure approved for the above referenced case, located at the former West Bend Co. (Area 1). The case is referenced by the location of the source property, i.e. the property where the original discharge occurred, prior to contamination migrating to the Property. The continuing obligations that apply to the Property are stated as conditions in the attached closure approval letter, and are consistent with s. 292.12, Wis. Stats., and ch. NR 700, Wis. Adm. Code, rule series. They are meant to limit exposure to any remaining environmental contamination at the Property. These continuing obligations will also apply to future owners of the Property, until the conditions no longer exist at the Property.

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

The Department of Natural Resources ("DNR") reviewed and approved the case closure request regarding the trichloroethylene ("TCE") contamination in groundwater at this site, based on the information submitted by Tetra Tech, on behalf of Illinois Toolworks, Inc. As required by state law, you received notification about the requested closure from the person conducting the cleanup on September 26, 2016. The notification was addressed to the City Engineer. No further investigation or cleanup is required at this time. However, the closure decision is conditioned on the long-term compliance with certain continuing obligations, as described below.

Continuing Obligations Applicable to Your Property

A number of continuing obligations are described in the attached case closure letter to Mr. Ken Brown with Illinois Tool Works, Inc. and to Mr. Scott Hendricks with Riverbend Development, LLC, dated September 13, 2017. However, only the following continuing obligations apply to your Property.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Remaining contamination could result in vapor intrusion if future construction activities occur. Future construction includes expansion or partial removal of current buildings as well as construction of new buildings. Vapor control technologies will be required for occupied buildings, unless the property owner assesses the potential for vapor intrusion, and the DNR agrees that vapor control technologies are not needed.

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the **attached map** [Area1 Post-Treatment TCE Concentrations (March 2016), Figure B.3.b, January 26, 2017]. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

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

Future Concern: Chlorinated volatile organic compounds (VOCs) specifically TCE remain in soil and/or groundwater at the locations, as shown on the **attached map** [Area1 Post-Treatment TCE Concentrations (March 2016), Figure B.3.b, January 26, 2017], at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. Therefore, before a building is constructed and/or an existing building is modified, the property owner must notify the DNR at least 45 days before the change. Vapor control technologies are required for construction of occupied buildings unless the property owner assesses the vapor pathway and DNR agrees that vapor control technologies are not needed.

GIS Registry – Well Construction Approval Needed

Because of the residual groundwater contamination and the continuing obligations, this site, which includes your Property, will be listed on the Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web, at <http://dnr.wi.gov/topic/Brownfields/wrrd.html>. If you intend to construct or reconstruct a well on the Property, you will need to get DNR approval in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. A well driller can help with this form. This form can be obtained online at: <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>. If at some time, all these continuing obligations are fulfilled, and the remaining contamination is either removed or meets applicable standards, you may request the removal of the Property from the GIS Registry.

Property Owner Responsibilities

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

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

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

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

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

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

You and any subsequent property owners are responsible for notifying the DNR at least 45 days before making a change to a continuing obligation, and obtaining approval, before making any changes to the Property that would affect the obligations applied to the Property. Send all written notifications in accordance with the above requirements to:

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

The DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" helps explain a property owner's responsibility for continuing obligations on their property. This fact sheet should have

been sent to you when you received a notification letter before the closure request was submitted to the DNR. You may obtain a copy at <http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf>.

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

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

The DNR appreciates your efforts. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Dave Volkert by phone at (262) 574-2166 or by e-mail at david.volkert@wisconsin.gov.

Sincerely,



Pam Mylotta
Southeast Region Team Supervisor
Bureau for Remediation & Redevelopment

Attachments:

- West Bend Area1 – Final Case Closure Letter dated September 13, 2017
- Area1 Post-Treatment TCE Concentrations (March 2016), Figure B.3.b, January 26, 2017
- Residual Soil TCE Concentrations (2010-2012), Figure B.2.b, January 26, 2017

cc: Dan Morgan, Tetra Tech
Ken Brown, Illinois Tool Works, Inc.
Scott Hendricks, Riverbend Development, LLC
DNR SER File

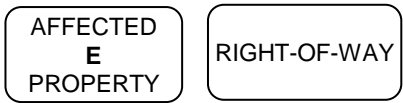
State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Waukesha Service Center
141 NW Barstow Street
Waukesha WI 53188

Scott Walker, Governor
Kurt A. Thiede, Interim Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay – 711



September 13, 2017

Ms. Stephanie Justmann, City Clerk
City of West Bend
1115 South Main Street
West Bend, WI 53095



SUBJECT: Notice of Closure Approval with Continuing Obligations for Rights-of-Way Holders for at the Northeast End of Rivershores Drive and Riverbend Drive
Final Case Closure for Former West Bend Company Area 1, West Bend, WI
DNR BRRTS Activity # 02-67-558358, FID# 267004650

Dear Ms. Justmann:

The Department of Natural Resources (“DNR”) recently approved the completion of environmental work done at the former West Bend Company Area 1 site. A copy of the case closure letter is attached. This letter describes how that approval applies to the right-of-way (ROW) at the northeast end of Rivershores Drive and Riverbend Drive. As the right-of-way holder, you are responsible for complying with these continuing obligations for any work you conduct in the right-of-way.

State law directs parties responsible for environmental contamination to take actions to restore the environment and minimize harmful effects. The law allows some contamination to remain in soil and groundwater if it does not pose a threat to public health, safety, welfare or to the environment.

On March 20, 2017, you received information from Tetra Tech, Inc. about the trichloroethylene (“TCE”) contamination in the ROW from the former West Bend Company (Area 1), located at 400 Washington Street (former address), and about the continuing obligations. Continuing obligations are meant to limit exposure to any remaining contamination. The notification from Tetra Tech was addressed to the City Clerk. A copy of the plat map identifying the ROW areas of Rivershores Drive and Riverbend Drive that was included with the notification is attached.

Applicable Continuing Obligations

The continuing obligations that apply to this right-of-way are described below, and are consistent with Wis. Stat. § 292.12, and Wis. Admin. § NR 700 series.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- Remaining contamination could result in vapor intrusion if future construction activities occur. Future construction includes expansion or partial removal of current buildings as well as construction of new buildings. Vapor control technologies will be required for occupied buildings, unless the property owner assesses the potential for vapor intrusion, and the DNR agrees that vapor control technologies are not needed.

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the **attached map** [Area1 Post-Treatment TCE Concentrations (March 2016), Figure B.3.b, January 26, 2017]. Affected property owners and right-of-way holders were notified of the presence of groundwater contamination.

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

Soil contamination remains in the locations as indicated on the **attached map** [Residual Soil TCE Concentrations (2010-2012), Figure B.2.b, January 26, 2017]. If soil in the specific locations described above is excavated in the future, the property owner or right-of-way holder at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner or right-of-way holder at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

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

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

Future Concern: Chlorinated volatile organic compounds (VOCs) specifically TCE remain in soil and/or groundwater at the locations, as shown on the **attached maps** [Residual Soil TCE Concentrations (2010-2012), Figure B.2.b, January 26, 2017, and Area1 Post-Treatment TCE Concentrations (March 2016), Figure B.3.b, January 26, 2017], at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. Therefore, before a building is constructed and/or an existing building is modified, the property owner must notify the DNR at least 45 days before the change. Vapor control technologies are required for construction of occupied buildings unless the property owner assesses the vapor pathway and DNR agrees that vapor control technologies are not needed.

Send all written notifications in accordance with these requirements to:

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

Additional Information

Additional information about this case is available at the DNR's Bureau for Remediation and Redevelopment Tracking System ("BRRTS") on the Web at <http://dnr.wi.gov/botw/SetUpBasicSearchForm.do>. Enter 02-67-558358 in the **Activity Number** field in the initial screen, then click on **Search**. Scroll down and click on the **GIS Registry Packet** link for

information about the completion of the environmental work. The site may also be seen on the map view, RR Sites Map. RR Sites Map can be found at <http://dnr.wi.gov/topic/Brownfields/wrrd.html>.

Please contact Dave Volkert, the DNR Project Manager, by phone at (262) 574-2166 or by e-mail at david.volkert@wisconsin.gov with any questions or concerns.

Sincerely,



Pam Mylotta
Southeast Region Team Supervisor
Bureau for Remediation & Redevelopment

Attachments:

- West Bend Area1 – Final Case Closure Letter dated September 13, 2017
- Area1 Post-Treatment TCE Concentrations (March 2016), Figure B.3.b, January 26, 2017
- Residual Soil TCE Concentrations (2010-2012), Figure B.2.b, January 26, 2017
- Plat Map Included with March 20, 2017 Notification

cc: Dan Morgan, Tetra Tech
Ken Brown, Illinois Tool Works, Inc.
Scott Hendricks, Riverbend Development, LLC
DNR SER File

