State of Wisconsin
Department of Natural Resources
P.O. Box 7921, Madison, WI 53707-7921

GIS REGISTRY (Cover Sheet)

Form 4400-280 (R 7/12)

Source Property Information

CLOSURE DATE: Dec 14, 2012

BRRTS #: **02-71-549204** (No Dashes)

FID #:

ACTIVITY NAME: JELD-WEN REC C-5 (BLDG 14 HYDRAULIC LIFT)

DATCP #:

PROPERTY ADDRESS: 228 W 6TH AVE

PECFA#:

MUNICIPALITY: CITY OF OSHKOSH

PARCEL ID #: 90900010000

***WTM COORDINATES:**

X: **636486** Y: **394333**

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

WTM COORDINATES REPRESENT:

- (●) Approximate Center Of Contaminant Source
- ( ) Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

[X] Groundwater Contamination > ES *(236)*

- [ ] Contamination in ROW
- [ ] Off-Source Contamination

*(**note:** for list of off-source properties see "Impacted Off-Source Property" form)*

[X] Soil Contamination > *RCL or **SSRCL *(232)*

- [ ] Contamination in ROW
- [ ] Off-Source Contamination

*(**note:** for list of off-source properties see "Impacted Off-Source Property" form)*

Continuing Obligations:

- [ ] N/A (*Not Applicable*)
- [ ] Soil: maintain industrial zoning *(220)*

*(**note:** soil contamination concentrations between non-industrial and industrial levels)*

- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [X] Cover or Barrier *(222)*

*(**note:** maintenance plan for groundwater or direct contact)*

- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

*(**note:** local government unit or economic development corporation was directed to take a response action)*

***Note:** Comments will not print out.*

Monitoring Wells:

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

( ) Yes (●) No ( ) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

PLEASE ASSEMBLE IN THIS ORDER

GIS Registry Checklist

Form 4400-245 (R 8/11)

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-71-549204 *(No Dashes)* PARCEL ID #: 90900010000

ACTIVITY NAME: JELD-WEN REC C5 (BLDG 14 HYDRAULIC LIFT) WTM COORDINATES: X: 636486 Y: 394333

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [x] **Closure Letter**
- [x] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [ ] **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- [x] **Conditional Closure Letter**
- [x] **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- [x] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  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.*
- [x] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: **Title:**
- [x] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- [x] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: 2 **Title: Site Location Map**
- [x] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 3 **Title: Property Map Showing Approximate Boundaries of REC Investigation Areas**
- [x] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 4 **Title: REC C1-C5, C19 Soil Contamination Contour**

BRRTS #: 02-71-549204 ACTIVITY NAME: JELD-WEN REC C5 (BLDG 14 HYDRAULIC LIFT)

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: 11a **Title: REC C1-C5, C19 Geologic Cross Section Location Map**

Figure #: 11b,11c **Title: REC C1-C5, C19 Geologic Cross Section**

☐ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: **Title:**

☐ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: **Title:**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: 1-2 **Title: Summary of Soil Analytical Results - REC C1-C5, C19**

☒ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: 11-12 **Title: Summary of Groundwater Analytical Results - REC C1-C5, C19**

☐ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☐ **Not Applicable**

☒ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: 3 **Title: Property Map Showing Approximate Boundaries of REC Investigation Areas**

☒ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-71-549204 ACTIVITY NAME: JELD-WEN REC C5 (BLDG 14 HYDRAULIC LIFT)

NOTIFICATIONS

Source Property

☒ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☒ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #: **Title:**

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Jean Romback-Bartels, Regional Director

Oshkosh Service Center
625 E. CTY Y, Suite 700
Oshkosh, Wisconsin 54901-9731
Telephone 920-424-3050
FAX 920-424-4404
TTY Access via relay - 711

December 14, 2012

Dwayne Arino
JELD-WEN, Inc.
407 Harbor Isles Blvd.
P.O. Box 1540
Klamath Falls, OR 97601

VPLE #06-71-427400

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Jeld-Wen Central Parcel, 228 West 6th Avenue, Oshkosh, WI

WDNR BRRTS Activities

03-71-000254: C1 Former UST	**02-71-548979: C-2 West of Bldg. 14**	**02 -71-549204: C5 Bldg. 14 Hydraulic lift**
02-71-548928: W4 Burn Barrel	**03-71-548924: W1 Former gas station**	**02 -71-549208: C6 NE side of Bldg. 16**
02-71-269596: C15 PCP UST	**02-71-549220: C17 N of Bldg. 19**	**02-71-549221: C18 Former railroad**

Dear Mr. Arino:

The Department of Natural Resources (DNR) considers the Jeld-Wen Central Parcel VPLE and the associated recognized environmental conditions (RECs) closed, with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners 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 the attached maintenance plan to anyone who purchases this property from you. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The Northeast Region (NER) Closure Committee reviewed the request for closure on August 30, 2012. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. A conditional closure letter was issued by the DNR on September 4, 2012, and documentation was received on October 30, 2012 and the conditions in that letter are complete.

A brief summary of the individual RECs for the Jeld Wen Central Parcel VPLE is as follows:

- REC W1 – Former Gas Station, BRRTS #03-71-548924 → Petroleum-related soil contamination remains in the area. Existing cap (gravel/vegetation) maintenance is required. [this REC was originally within the Western Parcel VPLE, but boundaries of the parcels were recently changed].
- REC W4 – Burn Barrel, BRRTS #02-71-548928 → Petroleum-related soil contamination remains. Existing cap (gravel/vegetation) maintenance is required. [this REC was originally within the Western Parcel VPLE, but boundaries of the parcels were recently changed].

- REC C1 – Former UST Area, BRRTS #03-71-000254 → This area is the location of petroleum underground storage tanks that were removed in 1989. The original site was closed out in 1992; however, petroleum contaminated soil and groundwater remain in the area. Existing cap (gravel and asphalt) maintenance is required. Monitoring well MW-105 was lost during demolition work.
- REC C2 – West of Building 14, BRRTS #02-71-548979 → This area may have been a historic spill. Soils were impacted with petroleum, arsenic, and lead. Existing cap (gravel and asphalt) maintenance is required.
- REC C5 – Building 14 Hydraulic Lift, BRRTS #02-71-549204 → Petroleum-related contaminated soil remains in the area. Vinyl chloride was also detected in groundwater at monitoring well MW-101, which was lost during demolition. Existing cap (gravel and asphalt) maintenance is required.
- REC C6 – Northeast side of Building 16, BRRTS #02-71-549208 → Petroleum-related contaminated soil remains in shallow soil. Existing cap (pavement, gravel, and grass) maintenance is required.
- REC C7 – North side of Building 50, BRRTS #09-71-549209 → Minimal detection of benzo(a) pyrene - No Action Required.
- REC C8 – West side of Building 2, BRRTS #09-71-549213 → Phase II detected some petroleum in the soil, but further investigation did not detect any; therefore, No Action Required.
- REC C12 – South side of Building K, BRRTS #09-71-549214 → This area was used for forklift maintenance on a concrete pad area. No Action Required.
- REC C13 – Building L, BRRTS #09-71-549217 → Formaldehyde glue was used in an area inside the building. Based on documentation of use and containment the area was defined as No Action Required.
- REC C15 – PCP UST, BRRTS #02-71-269596 → The former pentachlorophenol underground storage tank and piping system had various leaks and/or spills in this area. Soil and groundwater contamination remains in the area Lost monitoring Well MW6 along the east parcel line is associated with this REC. Existing cap (building, gravel and pavement) maintenance is required.
- REC C17 – North of Building 19, BRRTS #02-71-549220 → This area has some remaining petroleum contaminated soil. Existing cap (pavement) maintenance is required.
- REC C18 – former Railroad, BRRTS #02-71-549221 → Arsenic was detected above the site specific soil standard in this area. Existing cap (asphalt) maintenance is required.

Continuing Obligations

The continuing obligations for the Jeld-Wen Central Parcel VPLE are summarized below. Further details on actions required are found in the section Closure Conditions.

1 – Groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards.
2 – Residual soil contamination exists that must be properly managed should it be excavated or removed.
3 – One or more monitoring wells were not located and must be properly filled and sealed if found.
4 – Pavement, asphalt, gravel, or a building barrier must be maintained over contaminated soil and the DNR must approve any changes to this barrier.
5 – Varying thicknesses of fill are present across much of the riverfront in the City of Oshkosh. Proper handling and disposal may be necessary during redevelopment of the property.

GIS Registry

The Jeld-Wen Central Parcel VPLE will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual

contamination and of any continuing obligations. This letter and the information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry in a PDF attachment. To review the site on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/topic/Brownfields/clean.html. All site information is also on file at the Oshkosh DNR office, at 625 E. County Road Y, Suite 700, Oshkosh, Wisconsin.

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. 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.

Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change in order to determine if further action is needed to maintain the protectiveness of the remedy employed. A map of the cap locations is attached as part of the Cap Maintenance Plan (attached). The following activities are prohibited on any portion of the Jeld-Wen Central Parcel VPLE where pavement, gravel, asphalt, soil or a building foundation are acting as the required cap unless prior written approval has been obtained from the DNR:

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

Closure Conditions

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

1 – Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present on the The Jeld-Wen Central Parcel VPLE as shown on the **attached map (Figure 18)**. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

2 – Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains in areas as indicated on the **attached map Figures 4-10**. If soil in the areas described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

3 – Monitoring Wells that could not be Properly Filled and Sealed (ch. NR 141, Wis. Adm. Code)
Monitoring wells MW-101 and MW-105 located in the area of former Building 14, and Monitoring well MW-6 along the east parcel line as shown on the attached map Figure 3, could not be properly filled and sealed because they were missing due to removal during building demolition. Your consultant made a reasonable effort to locate the wells and to determine whether they were properly filled and sealed, but was unsuccessful. You may be held liable for any problems associated with the monitoring wells if they create a conduit for contaminants to enter groundwater. If any of the groundwater monitoring wells are found, the then current owner of the property on which the well is located is required to 1) notify the DNR, 2) properly fill and seal the wells, and 3) submit the required documentation to the DNR.

4 – Cover or Barrier (s. 292.12 (2) (a), Wis. Stats.)
The pavement, building or other impervious cover that exists in the location identified in the attached maintenance plan must be maintained in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation.

The **attached maintenance plan and inspection log** are to be kept up-to-date and on-site (if possible). Submit the inspection log to the DNR only upon request.

Any future redevelopment of this property must take into account consideration of the presence of potential waste materials and may require the issuance of an exemption from the DNR to build on a historic fill site prior to the start of any construction. Please refer to the following Building on Abandoned Landfill Guidance for further information. They can be found on the internet at:
http://dnr.wi.gov/files/pdf/pubs/rr/rr685.pdf
http://dnr.wi.gov/files/pdf/pubs/rr/rr684.pdf
http://dnr.wi.gov/files/pdf/pubs/rr/rr683.pdf

Dewatering Permits

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

Based on the concentrations of contaminants remaining in groundwater at this location, it appears likely that dewatering activities would require a permit from the Watershed Management Program. If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for a discharge permit. Additional information regarding discharge permits is available at http://dnr.wi.gov/topic/water.html

DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, is included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at http://dnr.wi.gov/files/pdf/pubs/rr/rr819.pdf.

Please send written notifications in accordance with the above requirements to the attention of Kathy Sylvester at: Oshkosh DNR Office, 625 E. County Road Y, Suite 700, Oshkosh, WI 54901.

The DNR appreciates your efforts to restore the environment at this site. The Certificate of Completion is currently being drafted by DNR staff for supervisory approval. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Kathy Sylvester at (920) 424-0399.

Sincerely,

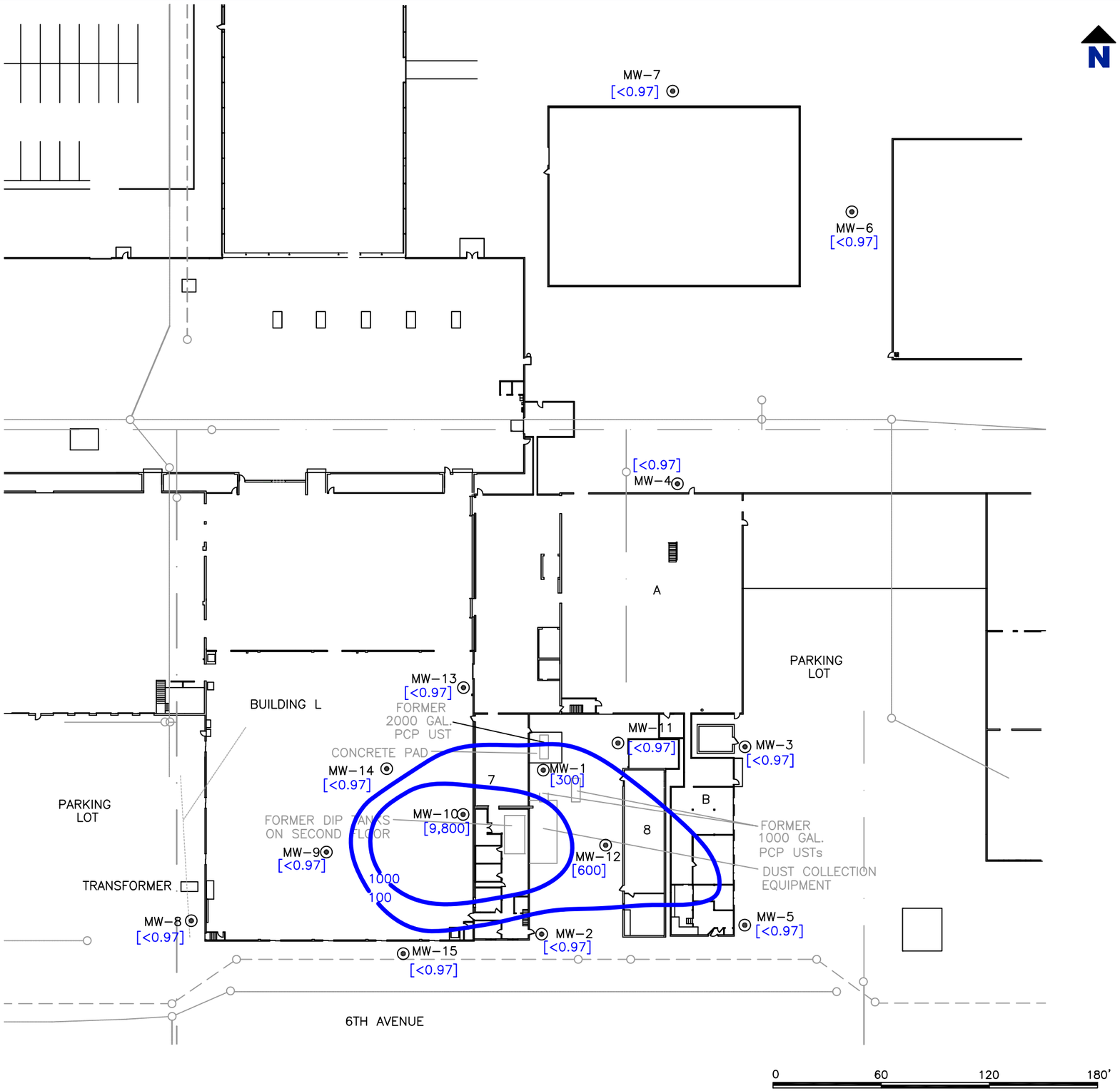
Roxanne N. Chronert

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

Attachments (all maps and plans prepared by SLR and dated September 2012):

- Figure 18: remaining groundwater contamination map
- Figures 4-10: remaining soil contamination maps
- Figure 3: missing monitoring well location map
- Cap Maintenance Plan including the extent of cap map
- Publication RR 819

cc: Kathy Sylvester – OSH
Megan Coracci – SLR International (via email)
Bill Fagan – Jeld-Wen (via email)



NOTES

BUILDING STATUS AS OF 2005

LEGEND

MW-110	MONITORING WELL LOCATION
	PCP CONCENTRATION CONTOUR, 09/07
[<0.97]	PCP CONCENTRATIONS IN GROUNDWATER, 09/07 ALL VALUES IN MICROGRAMS/LITER
[NS]	NOT SAMPLED

FORMER MORGAN MANUFACTURING FACILITY
523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing

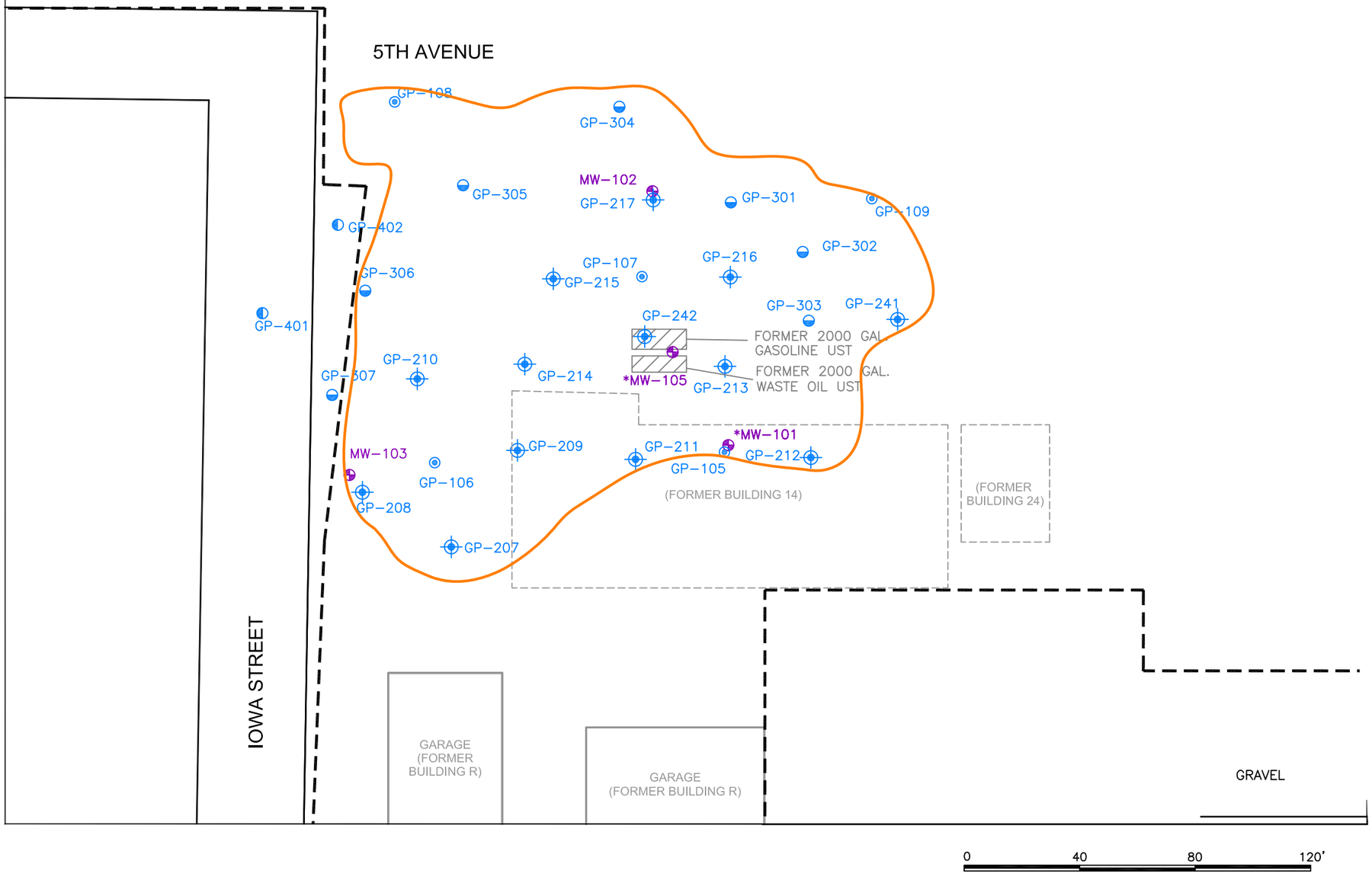
GROUNDWATER ISOCONCENTRATION MAP

ATTACHMENT 9

Date	September 24, 2012	Scale	AS SHOWN	Fig. No. 18
File Name	PCP UST Closure H Series	Project No.	108.0228.00043	

SLR

Last Saved: September 24, 2012 9:11:34 AM by nbrennan Drawing path: N:\Portland\Figures\JELD-WEN\Jeld-WEN Morgan\PCP UST Addendum #2\PCP UST Closure H Series.dwg



NOTES

BUILDING STATUS AS OF 2005

* MONITORING WELLS MW-101 AND MW-105 WERE DESTROYED DURING DEMOLITION OF BUILDINGS IN 2009

LEGEND

	FORMER BUILDING LOCATION
	PROPERTY BOUNDARY
MW-108	MONITORING WELL LOCATION
GP-116	2003 GEOPROBE BORING LOCATION
GP-219	2004 GEOPROBE BORING LOCATION
GP-315	2005 GEOPROBE BORING LOCATION
GP-421	2006 GEOPROBE BORING LOCATION
	AREA OF IMPACTED SURFACE SOILS (ABOVE FOUR FEET BGS)

FORMER MORGAN MANUFACTURING FACILITY
523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing REC C1-C5, C19 SOIL CONTAMINATION CONTOUR

ATTACHMENT 7

Date June 20, 2012	Scale AS SHOWN	Fig. No. 4
File Name C1-5,C19 CLOSURE-3	Project No. 108.0228.00039	

SLR

N

0 40 80 120'

NOTES

BUILDING STATUS AS OF 2005

LEGEND

	FORMER BUILDING LOCATION
	FORMER RAILROAD TRACKS
	PROPERTY BOUNDARY
MW-108	MONITORING WELL LOCATION
GP-116	2003 GEOPROBE BORING LOCATION
GP-219	2004 GEOPROBE BORING LOCATION
GP-315	2005 GEOPROBE BORING LOCATION
GP-421	2006 GEOPROBE BORING LOCATION
	AREA OF IMPACTED SURFACE SOILS (ABOVE FOUR FEET BGS)

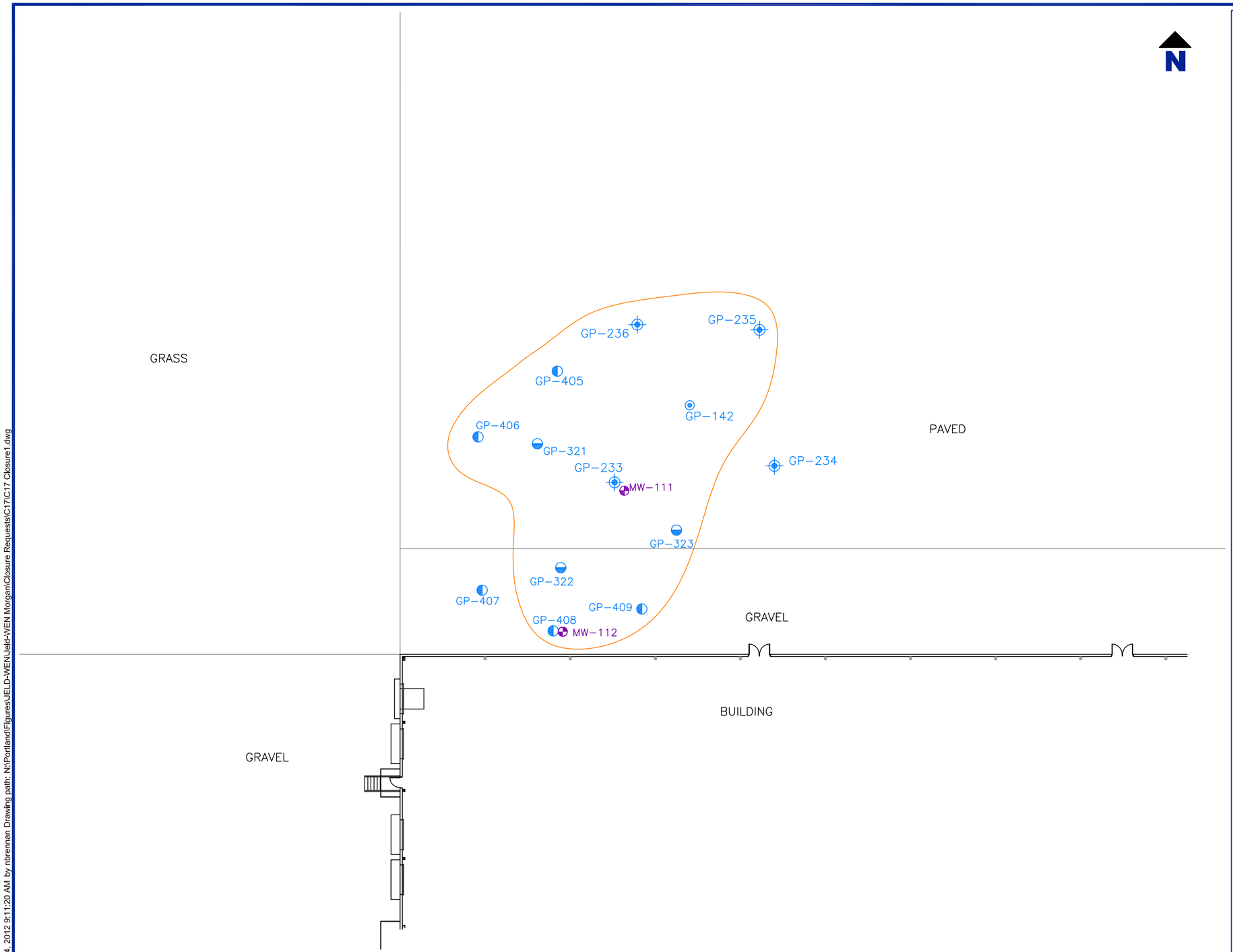
FORMER MORGAN MANUFACTURING FACILITY
523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing
REC C6 SOIL CONTAMINATION CONTOUR

ATTACHMENT 7

Date	June 18, 2012	Scale	AS SHOWN	Fig. No.	5
File Name	REC C6 Closure - -3	Project No.	108.0228.00039		

SLR



THIS DRAWING IS FOR CONCEPTUAL PURPOSES ONLY. ACTUAL LOCATIONS MAY VARY AND NOT ALL STRUCTURES ARE SHOWN.

NOTES

LEGEND

MW-111	MONITORING WELL LOCATION
GP-110	2003 GEOPROBE BORING LOCATION
GP-235	2004 GEOPROBE BORING LOCATION
GP-323	2005 GEOPROBE BORING LOCATION
GP-405	2006 GEOPROBE BORING LOCATION
	AREA OF IMPACTED SURFACE SOILS (<4FT BGS) ABOVE NON-INDUSTRIAL DIRECT CONTACT RCL

0 30 60 90'

FORMER MORGAN MANUFACTURING FACILITY
228 WEST 6TH AVENUE
OSHKOSH, WISONSIN

Drawing REC C-17 SOIL CONTAMINATION CONTOUR MAP

ATTACHMENT 7

Date	September 24, 2012	Scale	AS SHOWN	Fig. No.
File Name	C17 Closure1-3	Project No.	108.00228.00039	6

SLR

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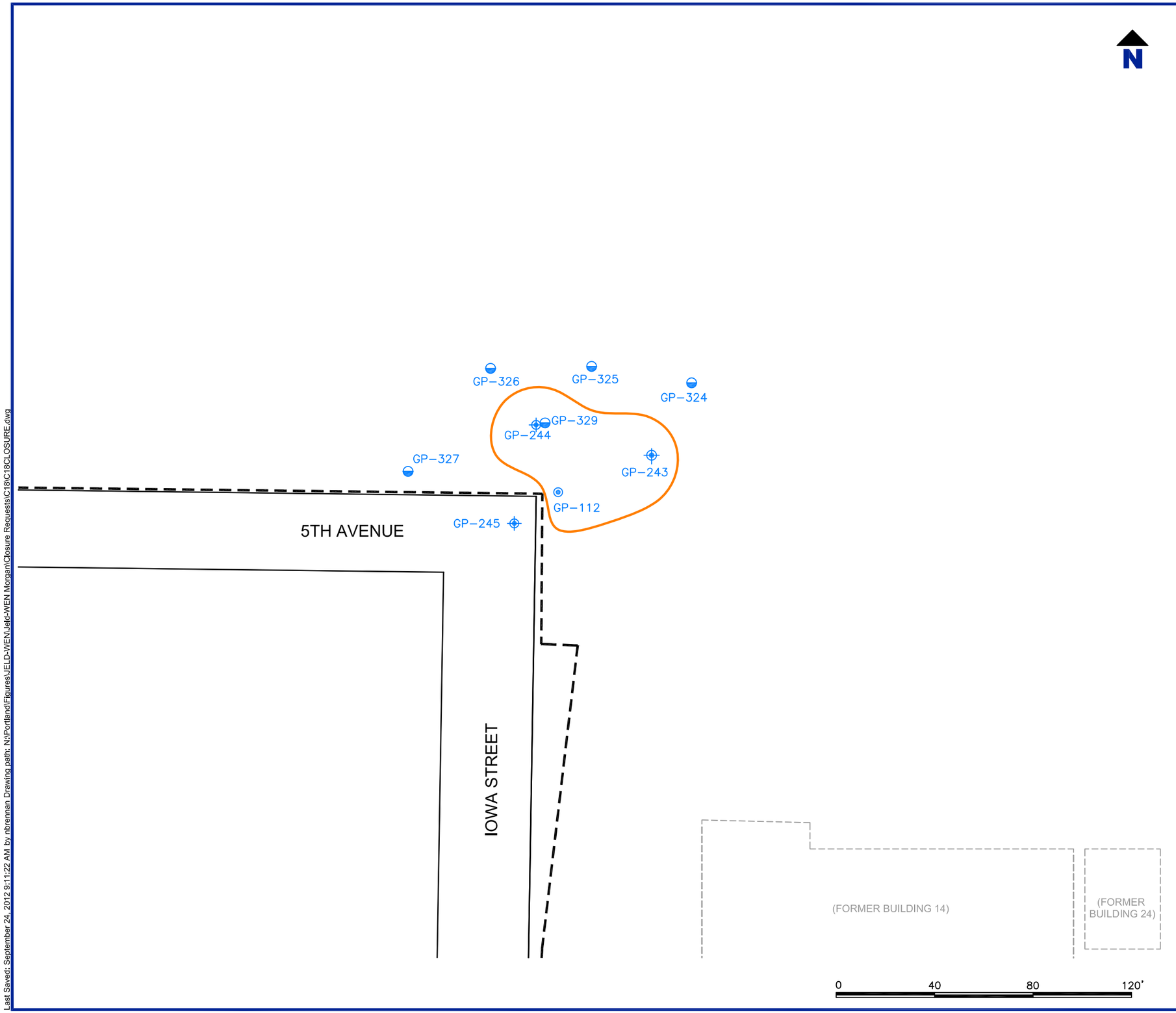

NOTES

BUILDING STATUS AS OF 2005

* MONITORING WELLS MW-101 AND MW-105 WERE DESTROYED DURING DEMOLITION OF BUILDINGS IN 2009

LEGEND

	FORMER BUILDING LOCATION
	PROPERTY BOUNDARY
GP-116	2003 GEOPROBE BORING LOCATION
GP-219	2004 GEOPROBE BORING LOCATION
GP-324	2005 GEOPROBE BORING LOCATION
	AREA OF IMPACTED SURFACE SOILS (ABOVE FOUR FEET BGS)

FORMER MORGAN MANUFACTURING FACILITY
523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing
REC C18 SOIL CONTAMINATION CONTOUR

ATTACHMENT 7

Date	August 16, 2012	Scale	AS SHOWN	Fig. No.	7
File Name	C18CLOSURE	Project No.	108.0228.00039		

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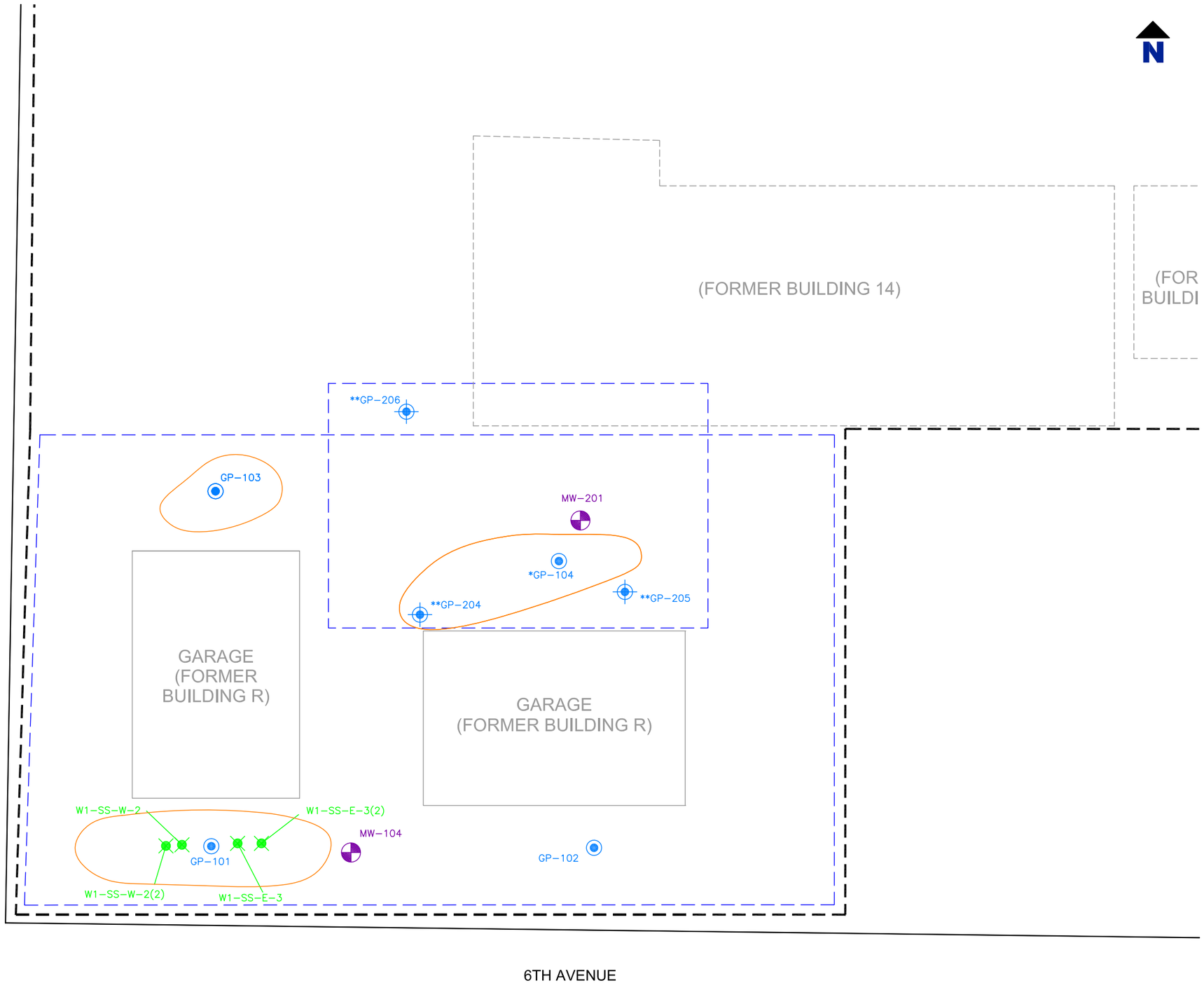

NOTES

BUILDING STATUS AS OF 2005

*GP-104 INVESTIGATED AS REC W4 (BRRTS #02-71-548928)

**BORINGS INSTALLED TO EVALUATE REC W4, AND DISCUSSED IN BRRTS CLOSURE REQUEST FOR REC W4 (BRRTS #02-71=548928)

LEGEND

	FORMER BUILDING LOCATION
	FORMER RAILROAD TRACKS
	PROPERTY BOUNDARY
GP-135	2003 GEOPROBE BORING LOCATION
GP-237	2004 GEOPROBE BORING LOCATION
GP-331	2005 GEOPROBE BORING LOCATION
24	PAH CONCENTRATION IN µg/kg
NA	NOT ANALYZED
(500)	NUMBER IN () FOLLOWING COMPOUND IS WDNR ENFORCEMENT STANDARD (ES)
26,000	PAH CONCENTRATIONS EXCEEDING APPLICABLE WDNR RCL
MW-201	MONITORING WELL LOCATION
	2011 CONFIRMATION SAMPLE LOCATION
	AREA OF IMPACTED SURFACE SOIL (ABOVE FOUR FEET BGS)

FORMER MORGAN MANUFACTURING FACILITY
523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing REC W1 SOIL CONTAMINATION CONTOUR MAP

ATTACHMENT 7

Date	September 24, 2012	Scale	AS SHOWN	Fig. No. 8
File Name	REC W1_W4 Closure-3	Project No.	108.0228.00039	

SLR

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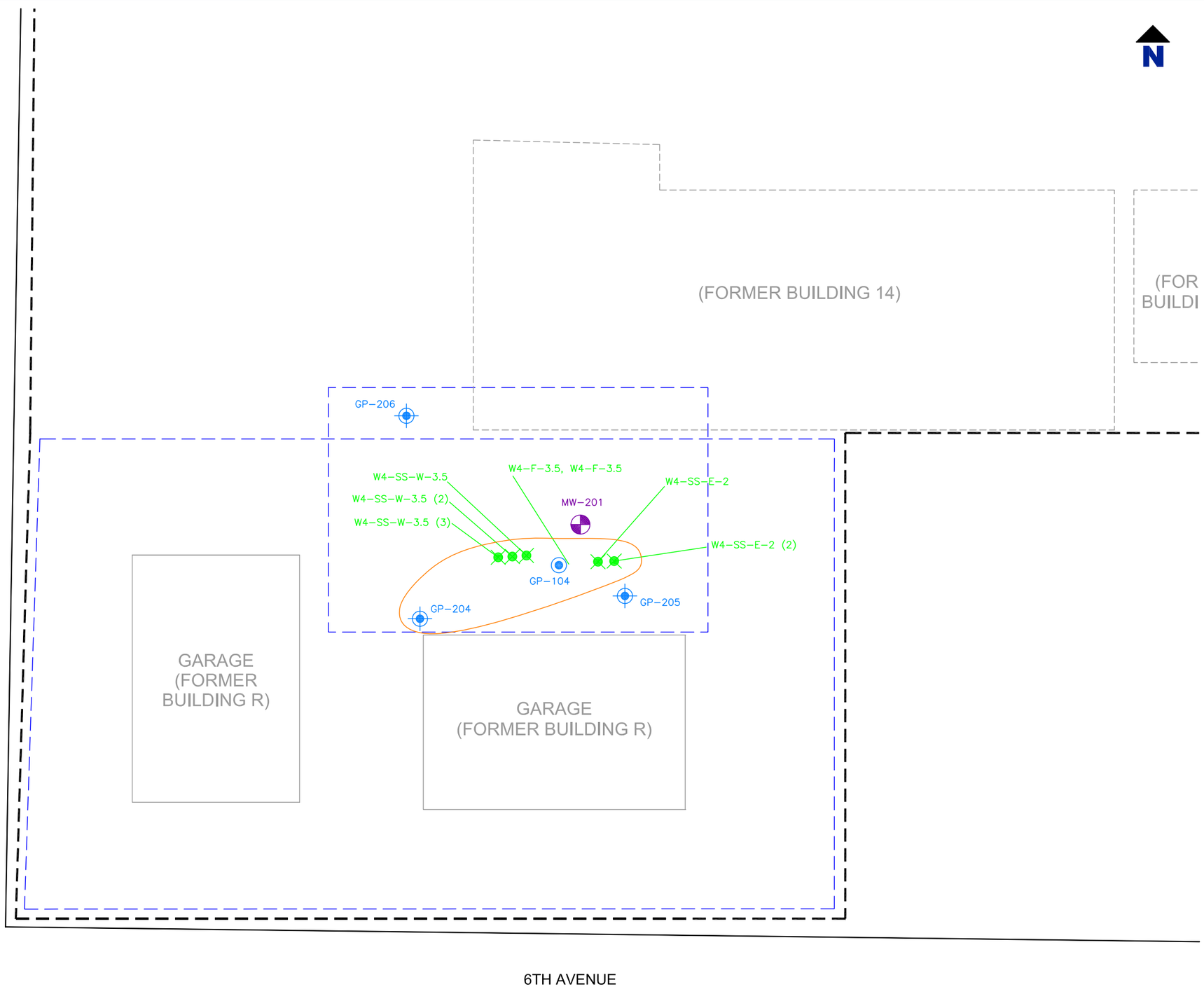

NOTES

BUILDING STATUS AS OF 2005

LEGEND

	FORMER BUILDING LOCATION
	PROPERTY BOUNDARY
GP-135	2003 GEOPROBE BORING LOCATION
GP-237	2004 GEOPROBE BORING LOCATION
GP-331	2005 GEOPROBE BORING LOCATION
MW-201	MONITORING WELL LOCATION
	2011 CONFIRMATION SAMPLE LOCATION
24	PAH CONCENTRATION IN µg/kg
NA	NOT ANALYZED
(500)	NUMBER IN () FOLLOWING COMPOUND IS WDNR ENFORCEMENT STANDARD (ES)
	AREA OF IMPACTED SURFACE SOIL (ABOVE FOUR FEET BGS)

FORMER MORGAN MANUFACTURING FACILITY
523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing REC W4 SOIL CONTAMINATION CONTOUR MAP

ATTACHMENT 7

Date	September 24, 2012	Scale	AS SHOWN	Fig. No.	9
File Name	REC W1_W4 Closure-3	Project No.	108.0228.00039		

SLR

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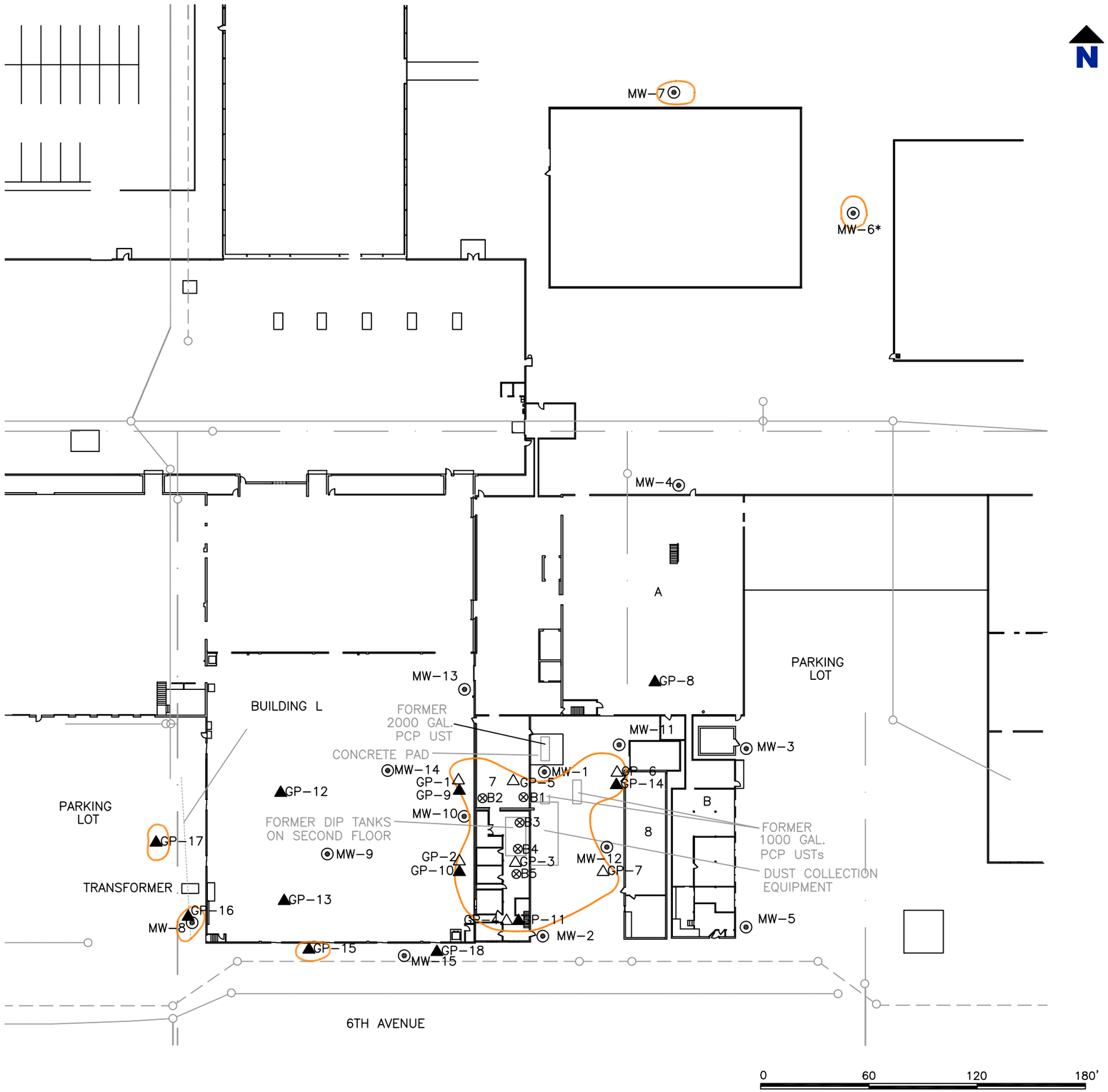

NOTES

BUILDING STATUS AS OF 2005

*MW-6 "LOST" FROM ACCESS ROAD RESURFACING ACTIVITIES

LEGEND

MW-110 ⊙	MONITORING WELL LOCATION
△	2001 GEOPROBE BORING LOCATION
▲	2002 GEOPROBE BORING LOCATION
⊗	FOOTING EXCAVATION LOCATION
	AREA OF IMPACTED SOIL ABOVE APPLICABLE RCLS

FORMER MORGAN MANUFACTURING FACILITY
523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing

REC C15 SOIL CONTAMINATION CONTOUR

ATTACHMENT 7

Date	October 9, 2012	Scale	AS SHOWN	Fig. No. 10
File Name	PCP UST Closure H Series	Project No.	108.0228.00043	

SLR

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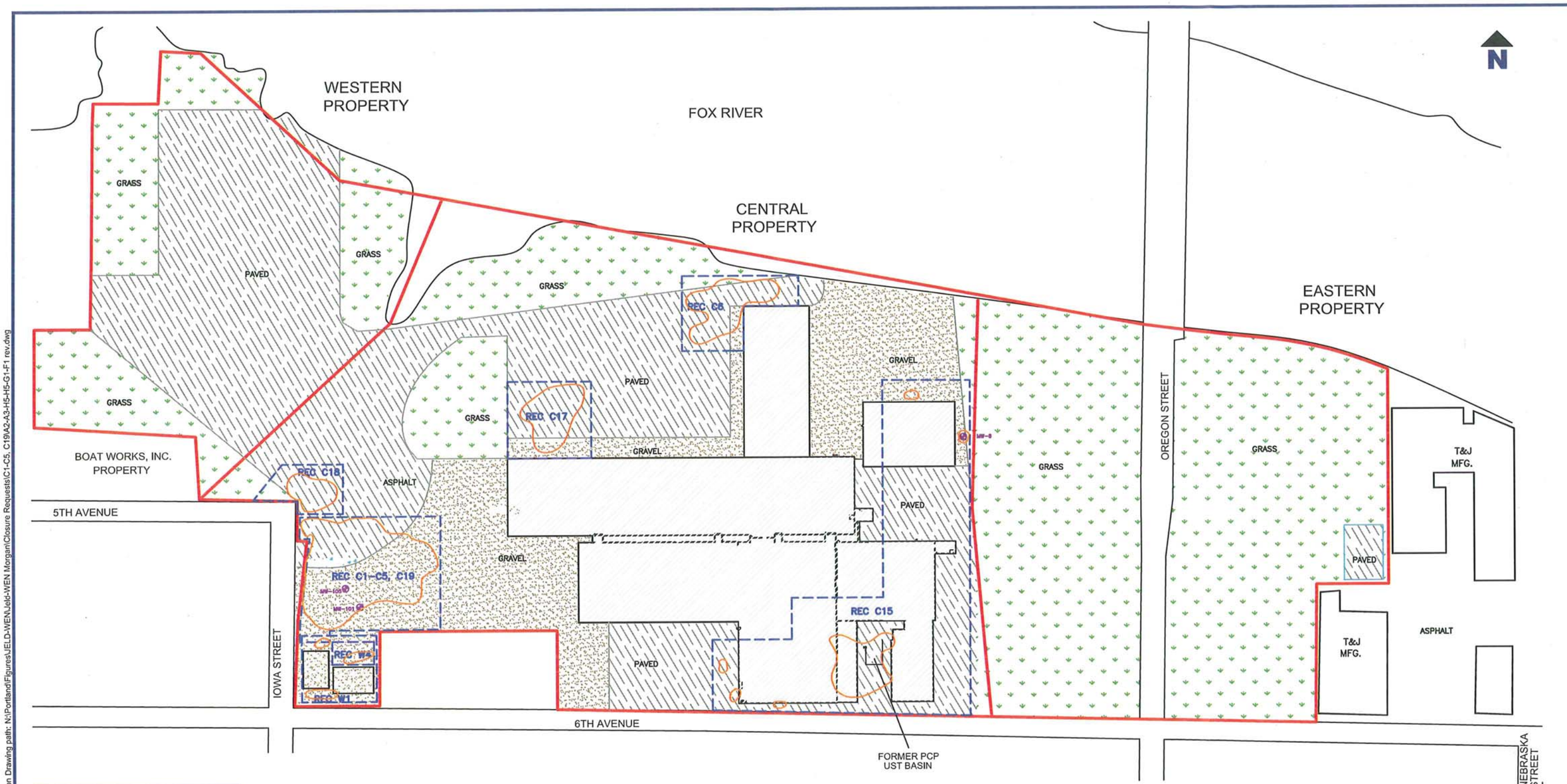

LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE BOUNDARIES OF REC INVESTIGATION AREA
- SITE BUILDING
- CAP AREA
- MW-101 MONITORING WELLS "LOST" DURING BUILDING DEMOLITION ACTIVITIES AND ROAD RESURFACING

SLR

NOTES

BUILDING STATUS AS OF NOVEMBER 2003.
PROPERTY AREA BOUNDARIES ARE APPROXIMATE

0 150' 300' 450'

FORMER MORGAN MANUFACTURING FACILITY
228 WEST 6TH AVENUE AND 523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing
PROPERTY MAP SHOWING APPROXIMATE BOUNDARIES OF REC INVESTIGATION AREAS

ATTACHMENT 6

Date	September 5, 2012	Scale	AS SHOWN	Fig. No.
File Name	A2-A3-H5-H5-G1-F1 rev	Project No.	108.00228.00039	3

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global environmental solutions

JELD-WEN Former Morgan Manufacturing
228 West 6th Avenue
Oshkosh, WI 54903

CAP MAINTENANCE PLAN
Central Property

September 2012

CAP MAINTENANCE PLAN
Central Property

Prepared for:

JELD-WEN FORMER MORGAN MANUFACTURING
228 West 6th Avenue
Oshkosh, WI 54903

This document has been prepared by SLR International Corporation. The material and data in this report were prepared under the supervision and direction of the undersigned.

Megan Coracci
Senior Scientist

R. Scott Miller
Principal Engineer

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1. Introduction **1**

1.1 Description of Contamination 1
1.2 Description of the Cap to be maintained 1
1.3 Cover and Building Barrier Purpose 1
1.4 Annual Inspection 1
1.5 Maintenance Activities 2
1.6 Prohibition of Activities and Notification of WDNR Prior to Actions Affecting a Cover or Cap 2
1.7 Amendment or Withdrawal of Maintenance Plan 2

FIGURES

Figure 1 Site Surface Cover

APPENDICES

Appendix A Inspection and Maintenance Log
Appendix B BRRTS Specific CAP Forms

SUMMARY

Property Located at:
Central Property
JELD-WEN Former Morgan Door
228 West 6th Avenue
Oshkosh, WI 54903

WDNR BRRTS #03-71-000254 (REC C1), 02-71-548979 (REC C2), 02-71-549204 (REC C5), 02-71-549208 (REC C6), 02-71-549220 (REC C17), 02-71-549221 (REC C18) and 02-71-269596 (REC C15), 03-71-548924 (REC W1), 02-71-548928 (REC W4)

Contact Information

Site Owner and Operator: JELD-WEN, inc.
P.O. Box 1329
Klamath Falls, OR 97601
(541) 883-3373

Signature: _____

Property Owner: JELD-WEN, inc.
P.O. Box 1329
Klamath Falls, OR 97601
(541) 883-3373

Signature: _____

Consultant: SLR International Corp
1800 Blankenship Road, Suite 400 West Linn, Oregon 97068
503-723-4423

WDNR: Kathy Sylvester
625 E County Road Y, Suite 700 Oshkosh, Wisconsin 54901
920-424-0399

1. INTRODUCTION

This document is the Maintenance Plan for the various asphalt, concrete and gravel cover/barrier/caps at the JELD-WEN Former Morgan Manufacturing Central Property, prepared in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing caps occupying the areas over the contaminated on-site soil shown on attached Figure 1.

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

- The case file in the Wisconsin Department of Natural Resources (WDNR) Oshkosh regional office
- BRRTS on the Web: http://botw.dnr.state.wi.us/botw/SetUpBasicSearchForm.do
- GIS Registry PDF file for further information on the nature and extent of contamination: http://dnrmaps.wisconsin.gov/imf/imfApplyTheme.jsp?index=1; and
- The DNR project manager for Winnebago County.

1.1 DESCRIPTION OF CONTAMINATION

A description of the area-specific contamination is included on the BRRTS Specific Cap Forms included in Appendix B.

1.2 DESCRIPTION OF THE CAP TO BE MAINTAINED

A description of the area specific cover/barrier/cap is included on the BRRTS Specific Cap Forms included in Appendix B.

1.3 COVER AND BUILDING BARRIER PURPOSE

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

1.4 ANNUAL INSPECTION

The cover/barrier/caps will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause additional risk of direct exposure or infiltration into underlying soils. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and

other factors. Any area where soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Appendix A, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and sent to the WDNR only upon request, unless otherwise directed by the Department.

1.5 MAINTENANCE ACTIVITIES

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling operations, replacing gravel or grass, or they can include larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment (PPE). The owner must also sample any soil that is excavated from the site or review previous sampling results prior to disposal to ensure proper handling of the impacted soil. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event that any of the cover/barrier/caps overlying the contaminated soil are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

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

1.6 PROHIBITION OF ACTIVITIES AND NOTIFICATION OF WDNR PRIOR TO ACTIONS AFFECTING A COVER OR CAP

The following activities are prohibited on any portion of the property where pavement, a building foundation, soil cover, engineered cap or other barrier is required as shown on the attached maps, unless prior written approval has been obtained from the WDNR: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

1.7 AMENDMENT OR WITHDRAWAL OF MAINTENANCE PLAN

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

FIGURE 1

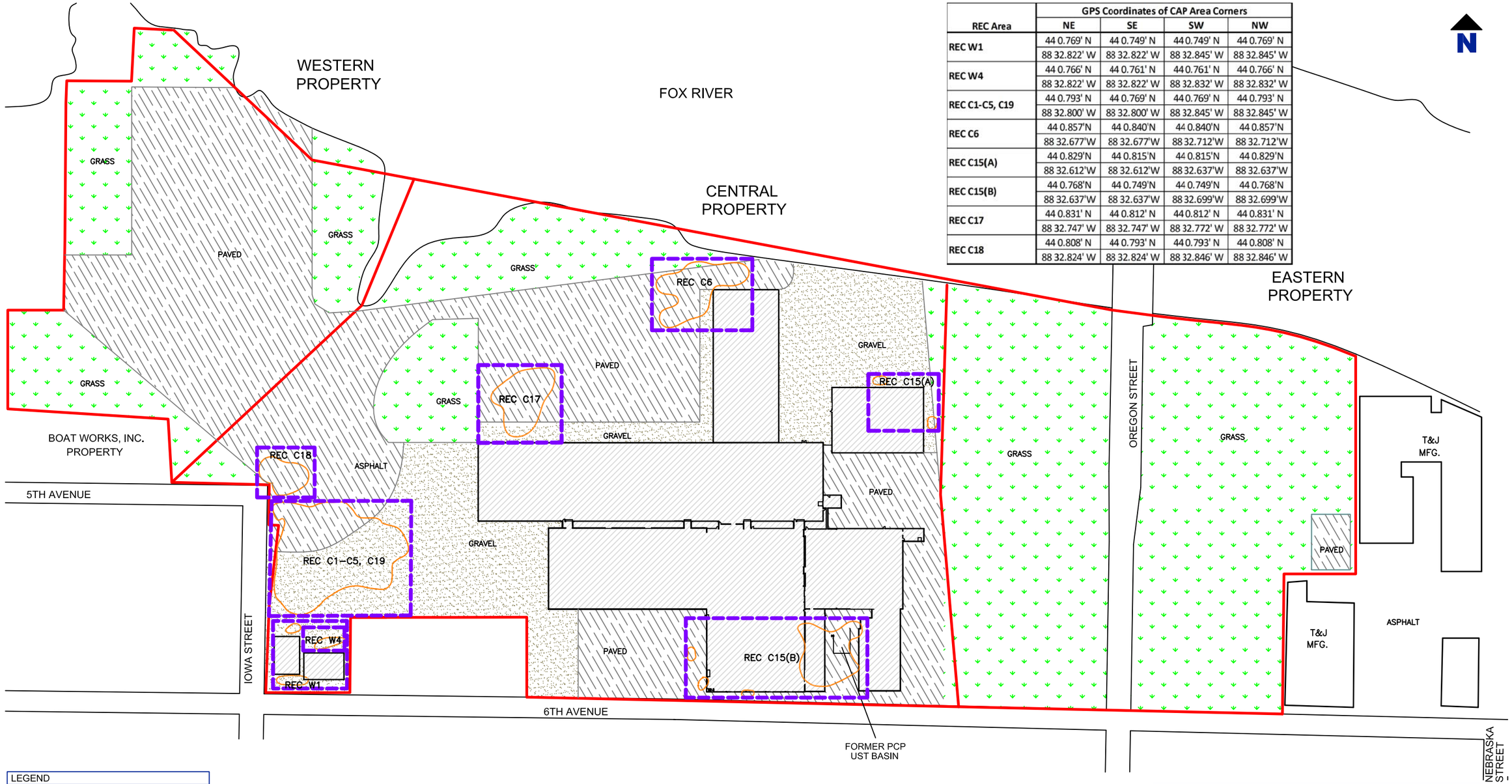
SITE SURFACE COVER

CAP MAINTENANCE PLAN
Central Property

JELD-WEN FORMER MORGAN MANUFACTURING
228 West 6th Avenue
Oshkosh, WI 54903

September 2012

REC Area	GPS Coordinates of CAP Area Corners			
	NE	SE	SW	NW
REC W1	44 0.769' N	44 0.749' N	44 0.749' N	44 0.769' N
	88 32.822' W	88 32.822' W	88 32.845' W	88 32.845' W
REC W4	44 0.766' N	44 0.761' N	44 0.761' N	44 0.766' N
	88 32.822' W	88 32.822' W	88 32.832' W	88 32.832' W
REC C1-C5, C19	44 0.793' N	44 0.769' N	44 0.769' N	44 0.793' N
	88 32.800' W	88 32.800' W	88 32.845' W	88 32.845' W
REC C6	44 0.857'N	44 0.840'N	44 0.840'N	44 0.857'N
	88 32.677'W	88 32.677'W	88 32.712'W	88 32.712'W
REC C15(A)	44 0.829'N	44 0.815'N	44 0.815'N	44 0.829'N
	88 32.612'W	88 32.612'W	88 32.637'W	88 32.637'W
REC C15(B)	44 0.768'N	44 0.749'N	44 0.749'N	44 0.768'N
	88 32.637'W	88 32.637'W	88 32.699'W	88 32.699'W
REC C17	44 0.831' N	44 0.812' N	44 0.812' N	44 0.831' N
	88 32.747' W	88 32.747' W	88 32.772' W	88 32.772' W
REC C18	44 0.808' N	44 0.793' N	44 0.793' N	44 0.808' N
	88 32.824' W	88 32.824' W	88 32.846' W	88 32.846' W



LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE BOUNDARIES OF CAP AREAS
- SITE BUILDING
- SOIL CONTAMINATION CONTOUR

SLR

NOTES

BUILDING STATUS AS OF NOVEMBER 2003.
PROPERTY AREA BOUNDARIES ARE APPROXIMATE

0 150' 300' 450'

FORMER MORGAN MANUFACTURING FACILITY
228 WEST 6TH AVENUE AND 523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing

SITE SURFACE COVER

FIGURE 1 - CAP MAINTENANCE PLAN FOR CENTRAL PROPERTY

Date	September 5, 2012	Scale	AS SHOWN
File Name	A2-A3-H5-H5-G1-F1 rev	Project No.	108.00228.00039

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APPENDIX A

INSPECTION AND MAINTENANCE LOG

CAP MAINTENANCE PLAN
Central Property

JELD-WEN FORMER MORGAN MANUFACTURING
228 West 6th Avenue
Oshkosh, WI 54903

September 2012

Cap Inspection and Maintenance Log

INSPECTION DATE	INSPECTOR	CONDITION OF CAP	RECOMMENDATIONS	HAS RECOMMENDED MAINTENANCE FROM PREVIOUS INSPECTION BEEN IMPLEMENTED?

APPENDIX B

BRRTS SPECIFIC CAP FORMS

CAP MAINTENANCE PLAN
Central Property

JELD-WEN FORMER MORGAN MANUFACTURING
228 West 6th Avenue
Oshkosh, WI 54903

September 2012

BRRTS Specific Cap Form

WDNR BRRTS# :	03-71-000254, 02-71-548979, 02-71-549204
Location/Area Name:	REC C1-C5, C19
Description of Contamination:	
REC C1-5, C19 is associated with PAH, VOC, lead, arsenic, and DRO impacts in near-surface soil generally located along the west boundary of the Central Property. Soil with elevated concentrations is located at a depth of 1 to 12 feet below ground surface. Groundwater is not impacted by PAHs, VOCs, or metals at concentrations above WDNR Enforcement Standards. The extent of impacted soil and the relation to the surface capping is identified on the attached Figure 1.	
Description of the Cap to be maintained:	
The cap consists of compacted gravel and asphalt surface cover. The cap extends over the area of impact. Figure 1, Site Surface Cover shows the extent of the PAH, VOC, lead, arsenic, and DRO impacts and the surface cap.	
List Attached Figures	
Figure 1: Site Surface Cover	
GPS Coordinates of REC C1-C5, C19	
Northeast corner: 44° 0.793’ N; 88° 32.800’ W Southeast corner: 44° 0.769’ N; 88° 32.800’ W Southwest corner: 44° 0.769’ N; 88° 32.845’ W Northwest corner: 44° 0.793’ N; 88° 32.845’ W	

BRRTS Specific Cap Form

WDNR BRRTS# :	02-71-549208
Location/Area Name:	REC C6
Description of Contamination:	
REC C6 is associated with the detection of PAH contamination identified north of Building 16. Soil with elevated PAH compounds is located at a depth of 0 to 12 feet below ground surface. Groundwater is not impacted by PAHs at concentrations above WDNR Enforcement Standards.	
Description of the Cap to be maintained:	
The cap consists of an asphalt layer underlain by asphalt base and the existing grass surface adjacent to the parking area. The surface capping extends over the area of PAH impacts in the area of REC C6. Figure 1, Site Surface Cover, shows the extent of the PAH impacts and the surface capping.	
List Attached Figures	
Figure 1: Site Surface Cover	
GPS Coordinates of REC C6	
Northeast corner: 44° 0.857’ N; 88° 32.677’ W Southeast corner: 44° 0.840’ N; 88° 32.677’ W Southwest corner: 44° 0.840’ N; 88° 32.712’ W Northwest corner: 44° 0.857’ N; 88° 32.712’ W	

BRRTS Specific Cap Form

WDNR BRRTS# :	02-71-269596
Location/Area Name:	REC C15 - PCP UST
Description of Contamination:	
REC C15 - PCP UST is associated with PAH, PCP and dioxin/furan impacts in near-surface soil generally located in the east and southeast portions of the Central Property. Soil with elevated concentrations is generally located at depths between 2 to 8 feet below ground surface. Groundwater is impacted by PCP and VOCs at concentrations above WDNR Enforcement Standards in monitoring wells MW-1, MW-10 and MW-12. The extent of impacted soil and the relation to the surface capping is identified on the attached Figure 1.	
Description of the Cap to be maintained:	
The cap consists of compacted gravel, asphalt and existing building foundation surface covers. The cap extends over the area of impact. Figure 1, Site Surface Cover shows the extent of the impacts and the surface cap.	
List Attached Figures	
Figure 1: Site Surface Cover	
GPS Coordinates of REC C15 A	
Northeast corner: 44° 0.829’ N; 88° 32.612’ W Southeast corner: 44° 0.815’ N; 88° 32.612’ W Southwest corner: 44° 0.815’ N; 88° 32.637’ W Northwest corner: 44° 0.829’ N; 88° 32.637’ W	
GPS Coordinates of REC C15 B	
Northeast corner: 44° 0.768’ N; 88° 32.637’ W Southeast corner: 44° 0.749’ N; 88° 32.637’ W Southwest corner: 44° 0.749’ N; 88° 32.699’ W Northwest corner: 44° 0.768’ N; 88° 32.699’ W	

BRRTS Specific Cap Form

WDNR BRRTS# :	02-71-549220
Location/Area Name:	REC C17
Description of Contamination:	
REC C17 is associated with PAH and DRO impacts in near-surface soil generally located north of the western end of Building 19. Soil with elevated PAH and DRO compounds is located at a depth of 0 to 12 feet below ground surface. Groundwater is not impacted by PAHs or DRO at concentrations above WDNR Enforcement Standards.	
Description of the Cap to be maintained:	
The surface capping consists of an asphalt layer underlain by asphalt base and the existing gravel surface covering next to Building 19. The surface capping extends over the area of PAH and DRO impacts in the area of REC C17. The extent of PAH and DRO impacted soil and the relation to the surface capping is identified on the attached Figure 1.	
List Attached Figures	
Figure 1: Site Surface Cover	
GPS Coordinates of REC C17	
Northeast corner: 44° 0.831’ N; 88° 32.747’ W Southeast corner: 44° 0.812’ N; 88° 32.747’ W Southwest corner: 44° 0.812’ N; 88° 32.772’ W Northwest corner: 44° 0.831’ N; 88° 32.772’ W	

BRRTS Specific Cap Form

WDNR BRRTS# :	02-71-549221
Location/Area Name:	REC C18
Description of Contamination:	
REC C18 is associated with elevated arsenic concentrations in soil identified adjacent to the northwest of the intersection of 5th Avenue and Iowa Street. Soil with elevated arsenic is located at a depth of 3 to 5 feet below ground surface. Groundwater is not impacted by arsenic at concentrations above WDNR Enforcement Standards.	
Description of the Cap to be maintained:	
The cap consists of an asphalt layer underlain by asphalt base. The surface capping extends over the area of arsenic impacts in the area of REC C18. Figure 1, Site Surface Cover, shows the extent of the arsenic impacts and the surface cover material.	
List Attached Figures	
Figure 1: Site Surface Cover	
GPS Coordinates of REC C18	
Northeast corner: 44° 0.808' N; 88° 32.824' W Southeast corner: 44° 0.793' N; 88° 32.824' W Southwest corner: 44° 0.793' N; 88° 32.846' W Northwest corner: 44° 0.808' N; 88° 32.846' W	

BRRTS Specific Cap Form

WDNR BRRTS# :	03-71-548924
Location/Area Name:	REC W1
Description of Contamination:	
REC W1 is associated with elevated PAH, lead, and barium concentrations in near-surface soil generally located in the southwest corner of the Central Property. Soil with elevated PAH compounds is located at a depth of 1 to 9 feet below ground surface. Groundwater is not impacted by PAHs at concentrations above WDNR Enforcement Standards.	
Description of the Cap to be maintained:	
The surface capping consists of the existing gravel and grass surface cover around the exterior of the existing buildings in REC W1 area. The existing surface cover extends over the area of elevated PAH concentrations in the area of REC W1. Figure 1, Site Surface Cover shows the extent of the elevated PAH concentrations and the surface cover mateiral.	
List Attached Figures	
Figure 1: Site Surface Cover	
GPS Coordinates of REC W1	
Northeast corner: 44° 0.769’ N; 88° 32.822’ W Southeast corner: 44° 0.749’ N; 88° 32.822’ W Southwest corner: 44° 0.749’ N; 88° 32.845’ W Northwest corner: 44° 0.769’ N; 88° 32.845’ W	

BRRTS Specific Cap Form

WDNR BRRTS# :	02-71-548928
Location/Area Name:	REC W4
Description of Contamination:	
REC W4 is associated with elevated PAH, lead, and barium concentrations in near-surface soil generally located in the southwest portion of the Central Property within the northeast corner of REC W1 area. Soil with elevated PAH compounds is located at a depth of 1 to 9 feet below ground surface. Elevated concentrations of lead and barium were identified in one boring (GP-104) at a depth of 2 to 3 feet bgs. Groundwater is not impacted by PAHs or metals at concentrations above WDNR Enforcement Standards.	
Description of the Cap to be maintained:	
The surface capping consists of the existing gravel and grass surface cover around the exterior of the existing buildings in the REC W4 area. The existing surface cover extends over the area of elevated PAH and metals concentrations in the area of REC W4. Figure 1, Site Surface Cover shows the extent of the elevated PAH and metals concentrations.	
List Attached Figures	
Figure 1: Site Surface Cover	
GPS Coordinates of REC W4	
Northeast corner: 44° 0.766’ N; 88° 32.822’ W Southeast corner: 44° 0.761’ N; 88° 32.822’ W Southwest corner: 44° 0.761’ N; 88° 32.832’ W Northwest corner: 44° 0.766’ N; 88° 32.832’ W	

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott Walker, Governor
Cathy Stepp, Secretary
Jean Romback-Bartels, Regional Director

Oshkosh Service Center
625 E. CTY Y, Suite 700
Oshkosh, Wisconsin 54901-9731
Telephone 920-424-3050
FAX 920-424-4404
TTY Access via relay - 711

September 4, 2012

Dwayne Arino
JELD-WEN, inc.
407 Harbor Isles Blvd.
P.O. Box 1540
Klamath Falls, OR 97601

SUBJECT: Conditional Closure Decision with Requirements to Achieve Final Closure
Jeld-Wen Central Parcel VPLE ***WDNR BRRTS ID #06-71-427400***

- REC C1 – Former Petroleum USTs ***WDNR BRRTS ID #03-71-000254***
- REC C2 – West of Building 14 ***WDNR BRRTS ID #02-71-548979***
- REC C5 – Building 14 Hydraulic Lift ***WDNR BRRTS ID #02-71-549204***
- REC C6 – NE Side of Building 16 ***WDNR BRRTS ID #02-71-549208***
- REC C15 – PCP ***WDNR BRRTS ID #02-71-269596***
- REC C17 – North of Building 19 ***WDNR BRRTS ID #02-71-549220***
- REC C18 – Former Railroad Tracks ***WDNR BRRTS ID #02-71-549221***
- REC W1 – Former Gas Station ***WDNR BRRTS ID #03-71-548924***
- REC W4 – Burn Barrel ***WDNR BRRTS ID #02-71-548928***

Dear Mr. Arino:

On August 30, 2012, the Northeast Region (NER) Closure Committee reviewed your requests for closure of the cases described above. The NER Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the NER Closure Committee has determined that the soil and groundwater contamination on the site appear to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

MONITORING WELL ABANDONMENT

The monitoring wells and any temporary borings or wells at the site must be properly abandoned in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-005, found at http://dnr.wi.gov/org/water/dwg/forms/3300005.pdf or provided by the Department of Natural Resources.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR's Remediation and Redevelopment GIS Registry due to remaining soil and

groundwater impacts which will require cap maintenance. Information that was submitted with your closure request application will be included on the GIS Registry.

CONTINUING OBLIGATIONS AND RESPONSIBILITIES

As part of the approval of the closure of this case, you will be responsible for maintaining the following continuing obligations: Cap Maintenance and annual inspection. The final closure letter and Certificate of Completion will detail the continuing obligations. Documentation of the inspection will be required to be kept on site.

Please note that waste fill (such as: foundry sand, bricks, sawdust/wood chips, and cinders) can be present in varying thickness across the entire riverfront in the City of Oshkosh. It is recommended that any future redevelopment plans be coordinated with the Department in order to assure proper handling/disposal and cap maintenance as necessary for any waste fill or contaminated soils.

We greatly appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (920) 424-0399.

Sincerely,

Kathleen M. Sylvester, P.G.
Hydrogeologist
Remediation & Redevelopment Program

cc: Case File – OSH
Annette Weissbach – NER (via email)
Megan Coracci – SLR (via email)

To view the Certificate of Completion (COC) for this site click on the link below:

BRRTS #	SITE NAME	PARCEL #
06-71-427400	Jeld - Wen (Central) (VPLE)	90900010000

INITIAL

0996630

WARRANTY DEED

DOCUMENT NO.

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON

1998-02-03 02:24 PM

SUSAN WINNINGHOFF
REGISTER OF DEEDS

Rec. Fee: 16.00
Tran. Fee: 7800.00
Number of Pages: 4

THIS SPACE RESERVED FOR RECORDING DATA

This Deed, made between Morgan Products Ltd. a Delaware corporation, Grantor,

and Jeld-Wen Inc., an Oregon corporation, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration conveys to Grantee the following described real estate in Winnebago County, State of Wisconsin:

See Exhibit A attached hereto and made a part hereof.

NAME AND RETURN ADDRESS

Jeld-Wen, Inc.
3303 Lakeport Blvd.
P.O. Box 1329
Klamath Falls, OR 97601

903-0001 and 909-0001

PARCEL IDENTIFICATION NUMBER

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

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except those listed on attached Exhibit B, and will warrant and defend the same.

Dated this 2nd day of February, 1998.

MORGAN PRODUCTS LTD.

By: Duane R Greenly (SEAL)
* Duane R. Greenly, Vice President

(SEAL)
*

(SEAL)
*

(SEAL)
*

AUTHENTICATION

Signature(s)

authenticated this day of , 19

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

ACKNOWLEDGMENT

STATE OF WISCONSIN)
)ss.
Winnebago County)

Personally came before me this 2nd day of February, 1998, the above named Duane R. Greenly, Vice President of Morgan Products Ltd.

to me known to be the person who executed the foregoing instrument and acknowledged the same.

Barbara J. Skoglind
* Barbara J. Skoglind
Notary Public Winnebago County, Wis.
My Commission expires 7-19-98.

THIS INSTRUMENT WAS DRAFTED BY

Lawrence J. Jost, Esq.
Quarles & Brady

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

State Bar of Wisconsin Form 1-1982

QBMKE\4123766.1

"EXHIBIT A"

PARCEL A:
All of Lots One (1), Two (2), Three (3) and Four (4) all in Block Three (3); all of Lots One (1), Two (2), Three (3), Four (4), Five (5) and Six (6) and the West ½ of Lot Seven (7) all in Block One (1); all of vacated West Fifth Avenue from the East line of Oregon Street to the East line of Lot 4, Block 3; and the North ½ of vacated West Fifth Avenue from the West line of Lot 5, Block 1, to the mid-line of Lot 7, Block 1; all in the PLAT OF THE ORIGINAL THIRD WARD, per Leach's Map of 1894 now in the Third Ward, City of Oshkosh, Winnebago County, Wisconsin; and that portion of Fractional Section 24, Township 18 North, Range 16 East, in the Third Ward, City of Oshkosh, Winnebago County, Wisconsin lying South of the Southwesterly shoreline (U.S. Harbor line) of the Fox River, East of the East line of Oregon Street, West of the mid-line of Lot 7 of Block 1 and North of the Northerly line of said Block 1 described by:

Commencing at the Southwest corner of said Block 3 and the true point of beginning; thence N00°45'27"W 578.04 feet (Recorded as North) along the East line of Oregon Street to a point in the Southwesterly Shore Line (U.S. Harbor line) of the Fox River as established by a General Ordinance of the City of Oshkosh per Document No. 278204 of Winnebago County Registry; thence S86°37'06"E 244.06 feet (Recorded as S85°58'00"E) along said Southwesterly Shore line (U.S. Harbor line); thence S85°12'38"E 91.75 feet (Recorded as S64°33'30"E) along said Southwesterly Shore line to the Northerly extension of the mid-line of Lot 7 of said Block 1; thence S00°39'04"E 334.04 feet along the North extension, the mid-line of said Lot 7 and its South extension to the centerline of vacated West Fifth Avenue; thence N74°04'05"W 130.67 feet along said centerline to the North extension of the East line of Lot 4 of said Block 3; thence S00°41'35"E 224.99 feet along the North extension and East line of said Lot 4 to the North line of West Sixth Avenue; thence West 200.18 feet (Recorded as 200.00 feet) along the said North line to the true point of beginning.

Parcel B:
All of Blocks Forty-eight (48), Forty-nine (49), Sixty-one (61), Sixty-two (62) and Seventy-seven (77) and all of Lots Two (2), Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9), Ten (10), Eleven (11), Twelve (12), Thirteen (13), Fourteen (14), Twenty-one (21), Twenty-two (22), Twenty-three (23) and Twenty-four (24) and part of Lot One (1) of Block Sixty-three (63) and all of Lots Six (6), Seven (7), Eight (8), Nine (9), Ten (10), Eleven (11), Twelve (12) and Twenty-four (24) of Block Seventy-eight (78); all of vacated West Fifth Avenue located between the East line of Iowa Street and West line of Oregon Street all of vacated Minnesota Street located between the North line of West Sixth Street and the Southwesterly Shore line of the Fox River; all of vacated West Fourth Avenue located between the South extension of the West line of said Block 77 and the West line of vacated Minnesota Street; all of vacated Iowa Street located between the North line of West Fifth Street and the South line of vacated West Third Avenue; all of vacated West Third Street located between the South extension of the West line of Block 78 and the East line of vacated Iowa Street; all a part of the Original Third Ward per Leach's Map of 1894 and a part of Fractional Lot 3 of Section 23, Township 18 North, Range 18 East and now all in the Ninth Ward, City of Oshkosh, Winnebago County, Wisconsin and being described by:

Commencing at the Southeast corner of said Block 49 and the true point of beginning; thence S89°12'31"W 861.47 feet (Recorded as 860.00 feet) along the North line of West Sixth Street to the Southwest corner of Lot 21 of said Block 63; thence N00°49'09"W 125.31 feet (Recorded as 125.00 feet) to the Northwest corner of said Lot 21; thence S89°12'38"W 300.60 feet (Recorded as 300.00 feet) along the South lines of Lots 8, 7, 6, 5, 4 and 3 of Block 63 to the Northeast corner of Lot 14 of said Block 63; thence S00°50'48"E 125.32 feet (Recorded as 125.00 feet) to the Southeast corner of said Lot 14; thence S89°12'31"W 100.18 feet (Recorded as 100.00 feet) along the North line of West Sixth Street to the East line of Iowa Street; thence N00°51'21"W 125.32 feet (Recorded as 125.00 feet) along the said East line to the Northwest corner of Lot 13 of said Block 63; thence N89°12'38"E 3.60 feet (Recorded as 3.70 feet) along the North line of said Lot 13; thence N15°18'33"E 130.42 feet to a point in the North line of Lot 1 of said Block 63; thence S89°12'36"W 40.11 feet (Recorded as 40.00 feet) to the Northwest corner of said Lot 1 and East line of Iowa Street; thence N00°51'21"W, 80.00 feet on the East line of Iowa Street to the North line of West Fifth Street; thence S89°09'54"W 110.07 feet (Recorded as 110.00 feet) along the said North line to the Southwest corner of Lot 24 of said Block 78; thence N00°51'21"W 125.00 feet to the Northwest corner of said Lot 24; thence S89°04'18"W 299.98 feet (Recorded as 300.00 feet) along the South lines of Lots 11, 10, 9, 8, 7, and 6 of said Block 78 to the Southwest corner of Lot 6 of said Block 78; thence N00°47'35"W 125.75

feet (Recorded as 125.00 feet) to the Northwest corner of said Lot 6; thence N89°12'52"E 100.05 feet (Recorded as 100.00 feet) along the South line of West Fourth Avenue to the South extension of the West line of said Block 77; thence N00°53'08"W 310.04 feet (Recorded as 310.00 feet) along the said South extension and the West line of Block 77 to the Northwest corner of said Block 77; thence N89°12'52"E 100.00 feet along the South line of vacated West Third Avenue to the Northeast corner of Lot 9 of said Block 77; thence N00°51'21"W 80.00 feet along the North extension of the East line of Lot 9 of said Block 77 to the North line of vacated West Third Avenue; thence N89°12'52"E 72.23 feet along the said North line to a point in the Southwesterly Shore line (U.S. Harbor line) of the Fox River as established by a General Ordinance of the City of Oshkosh per Document No. 276204 of Winnebago County Registry; thence S52°26'08"E 180.38 feet (Recorded as S51°47'00"E) along said Southwesterly Shore line (U.S. Harbor line); thence S80°13'08"E 1281.68 feet (Recorded as S79°34'00"E) along said Southwesterly Shore line (U.S. Harbor line) to the West line of Oregon Street; thence S00°45'27"E 583.48 feet (Recorded as South) along the said West line of Oregon Street to the true point of beginning.

Tax Key Nos. 903-0001 and 909-0001

***

EXHIBIT B
PERMITTED ENCUMBRANCES

(1) Easements, agreements and restrictions of record.

(2) The lien for current taxes and assessments

(3) Matters disclosed by the current survey.

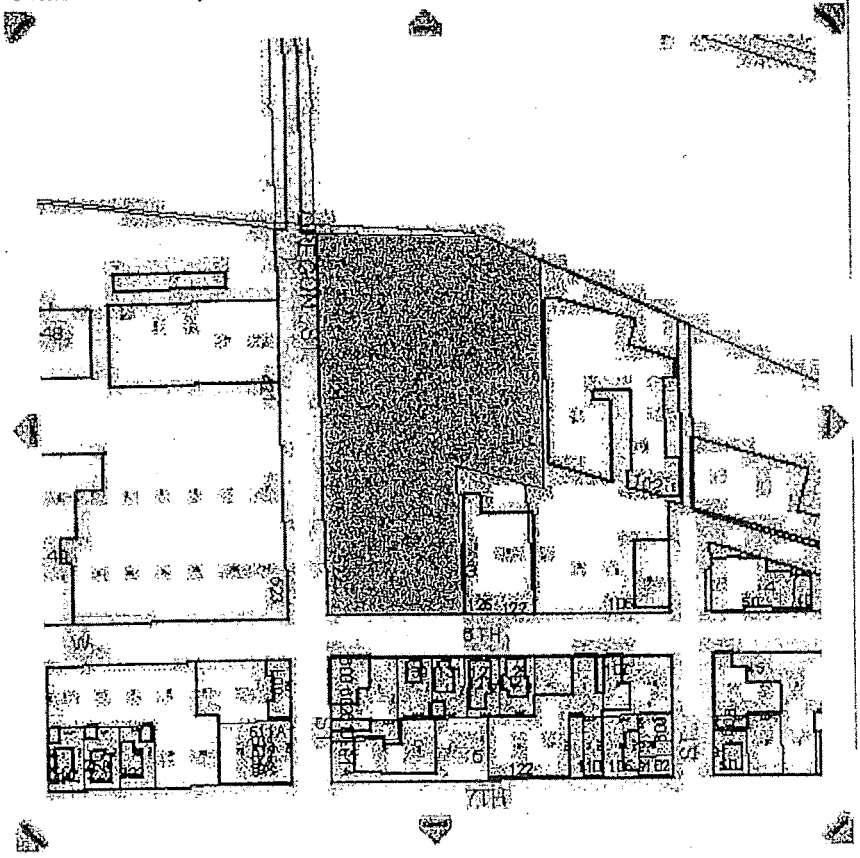
(4) Lease agreement disclosed to grantee.

(5) Rights and easements (if any) in and to any and all railroad switches, sidetracks, spur tracks and rights of way located upon or appurtenant to the subject premises.

(6) Rights of the public in any portions of the subject premises lying below the ordinary highwater mark of the Fox River.

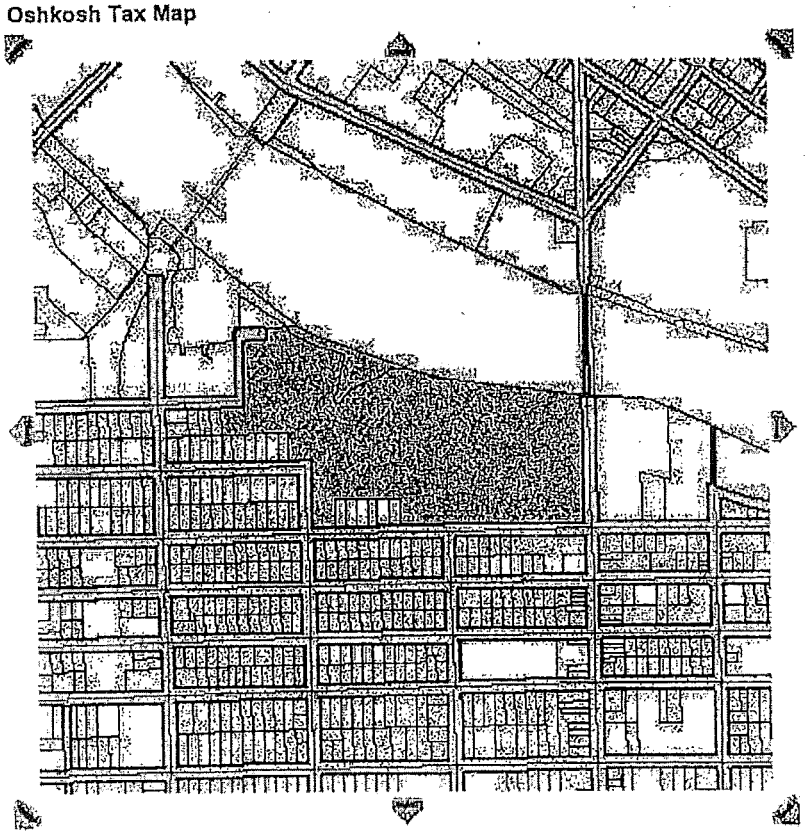
Parcel A

Oshkosh Tax Map



Parcel B

Oshkosh Tax Map



PROPERTY EXHIBIT

GRAPHIC SCALE
100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

N

NOTE: THE U.S. HARBOR LINE WAS ESTABLISHED BY A GENERAL ORDINANCE OF THE CITY OF OSHKOSH PER DOCUMENT NUMBER 276204 OF WINNEBAGO COUNTY REGISTRY.

Known as Tax Key Numbers; 990010000, 300010000 & 8000010100, in the City of Oshkosh, Winnebago County, Wisconsin.

June 19, 2012 Jold-Wen Drawing No. 165482-RIAK

DESCRIPTION FOR AREA # 1

All of Lots 8, 10, 11 AND 12, part of Lot 8 of Block 48, all of Lots 9, 10, 11, 12, 21, 22, 23 AND 24, part of Lots 8 and 20 of Block 49, part of Vacated West Fifth Avenue All being part of the "PLAT OF THE ORIGINAL THIRD WARD" per Leach's Map of 1894, and part of Fractional Lot 3 of Section 23, T18N, R16E, and now all in the Ninth Ward, City of Oshkosh, Winnebago County, Wisconsin described as follows:

Beginning at the Southeast Corner of said Block 49; thence South 89°12'04" West 219.48 feet; thence North 04°42'18" West 347.66 feet; thence North 01°11'51" West 282.25 feet to A POINT ON the U.S. Harbor Line on the Southside of the Fox River; thence South 80°13'33" East along said Harbor Line 249.73 feet to the it's INTERSECTION with the West line of Oregon Street; thence South 00°45'54" East along said West line 583.48 feet to the point of beginning.

Containing 3.2967 acres of land more or less to the HARBOR LINE of the Fox River.

Subject to easements and restrictions of record.

DESCRIPTION FOR AREA # 2

All of Lots 1, 2, 3, 4, 5, 6, 7, 13, 14, 15 AND 16, part of Lot 8 of Block 48, All of Lots 1, 2, 3, 4, 5, 6, 7, 13, 14, 15, 16, 17, 18 AND 19, part of Lots 8 and 20 of Block 49, All of Lots 5, 6, 7, 8, 9, 10, 11 AND 12, part of Lot 4 of Block 61, All of Lots 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23 AND 24, part of Lots 1, 2, 3 AND 13 of Block 62, All of Lots 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 21, 22, 23 AND 24, part of Lot 1 of Block 63, Part of Lot 24, Block 78, And part of Vacated West Fifth Avenue, part of vacated Iowa Street, part of Vacated West Fourth Avenue and Vacated Minnesota Street lying north of West Sixth Avenue All being part of the "PLAT OF THE ORIGINAL THIRD WARD" per Leach's Map of 1894, and part of Fractional Lot 3 of Section 23, T18N, R16E, and now all in the Ninth Ward, City of Oshkosh, Winnebago County, Wisconsin described as follows:

Commencing at the Southeast Corner of said Block 49; thence South 89°12'04" West 219.48 feet to the point of beginning; thence continuing South 89°12'04" West 642.00 feet to the Southeast Corner of Lot 20, Block 63; thence North 00°38'54" West 125.20 feet to the Northeast Corner of said Lot 20; thence South 89°13'24" West along the North lines of Lots 20, 18, 16, 17, 16 & 15, Block 63 a distance of 300.97 feet to the Northeast corner of said Lot 14; thence South 00°47'25" East along the East line of said Lot 125.31 feet to a point in the North line of West Sixth Avenue; Thence South 89°12'04" West along said North line 100.12 feet to a point in the East line of Iowa Street; thence North 00°47'46" West along said East line 126.35 feet to the Northwest corner of Lot 13, Block 63; thence North 89°13'24" East 3.79 feet to a point that is 3.79 feet easterly of the Easterly line of Iowa Street; thence North 15°16'57" East 130.46 feet; thence South 89°11'11" West 40.17 feet; thence North 00°51'39" West 59.97 feet; thence South 89°10'22" West 109.73 feet; thence North 42°35'28" East 343.99 feet; thence North 14°49'17" East 231.07 feet to the intersection with the U.S. Harbor Line on the South Side of the Fox River; thence South 80°13'33" East along said Harbor Line 642.83 feet; thence South 01°11'51" East 282.25 feet; thence South 04°42'18" East 347.66 feet to the point of beginning.

Containing 15.1682 acres of land more or less to the HARBOR LINE of the Fox River.

Subject to easements and restrictions of record.

DESCRIPTION FOR AREA # 3

All of Lots 1, 2 AND 3, part of Lot 4 of Block 61, Part of Lots 1, 2, 3 AND 13 of Block 62, All of Lots 8, 9, 10, 11, 12, 20, 21, 22, 23 AND 24 of Block 77, All of Lots 6, 7, 8, 9, 10, 11 AND 12, part of Lot 24 of Block 78 And part of Vacated West Forth Avenue lying East of Lewis Street, part of Vacated Iowa Street lying North of West Fifth Avenue and part of vacated West Fifth Avenue lying East of Iowa Street, All being part of the "PLAT OF THE ORIGINAL THIRD WARD" per Leach's Map of 1894, and part of Fractional Lot 3 of Section 23, T18N, R16E, and now all in the Ninth Ward, City of Oshkosh, Winnebago County, Wisconsin described as follows:

Commencing at the Southwest corner of Lot 24 of Block 78 and the point of beginning; thence North 01°02'27" West 125.10 feet to the Northwest corner of Lot 24 of Block 78; thence South 89°01'25" West 299.76 feet along the North line of Lots 23, 22, 21, 20, 19 & 18 to the Southwest corner of Lot 6 Block 78; thence North 00°49'42" West along the west line of said Lot 6 a distance of 125.52 feet to the Intersection with the South line of West Fourth Avenue; thence North 89°12'51" East along said South line 99.92 feet to the Northwest corner of Lot 9 Block 78; thence North 00°53'44" West 310.00 feet along the East line of Lewis Street and the extension thereof to the Northwest corner of Lot 8 Block 77; thence North 89°12'25" East along the South line of West Third Avenue 100.00 feet to the Northeast corner of Lot 9 Block 77; thence North 00°51'46" West 60.00 feet to the North line of West Third Avenue; thence North 89°12'25" East 72.23 feet along that part of Vacated West Third Avenue to the intersection with the U.S. Harbor Line; thence South 52°26'33" East along said Harbor Line 160.36 feet; thence South 80°13'33" East along said Harbor Line 189.10 feet; thence South 14°49'17" West 231.67 feet; thence South 42°35'28" West 343.99 feet to the point of beginning

Containing 4.7532 acres of land more or less to the HARBOR LINE of the Fox River.

Subject to easements and restrictions of record.

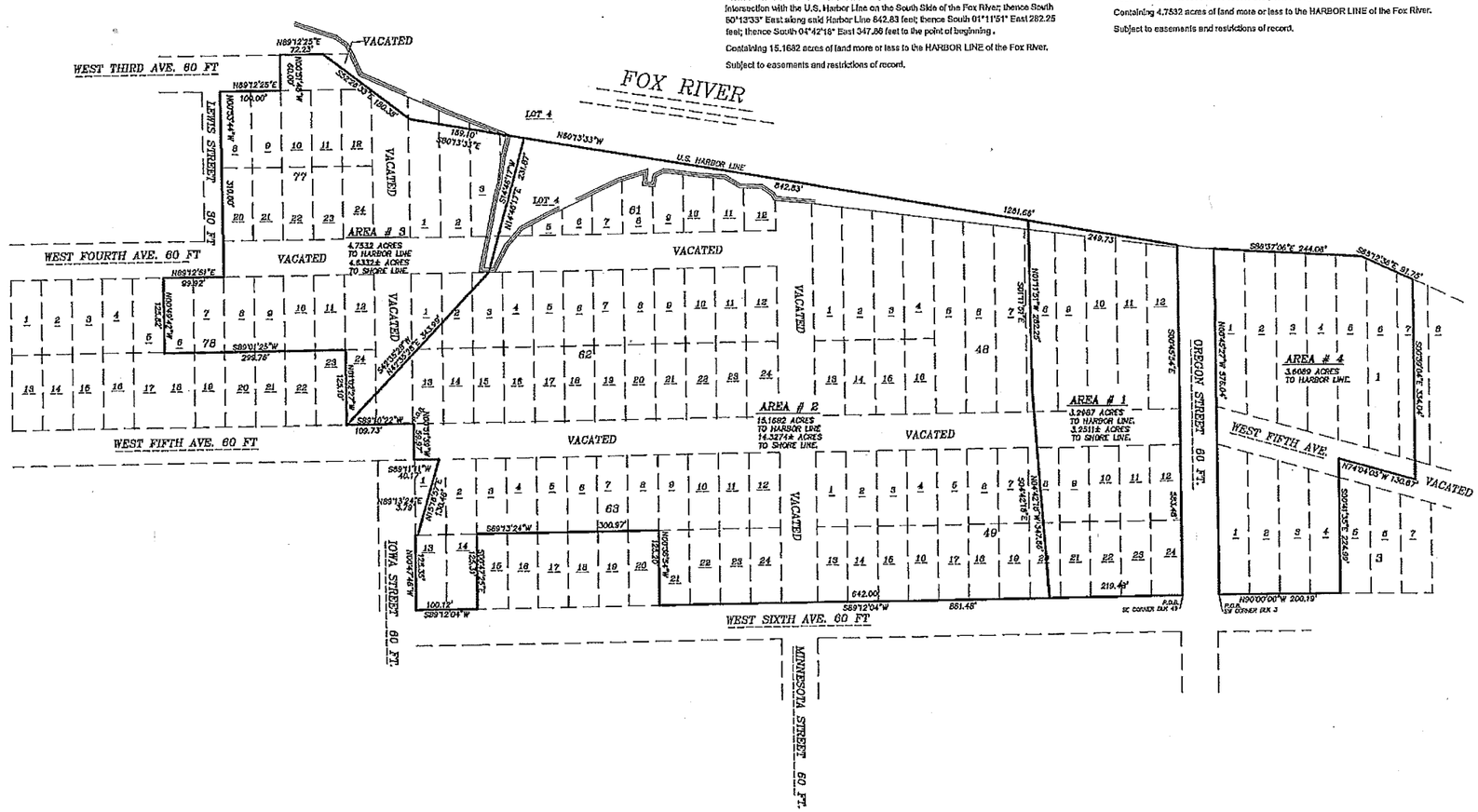
DESCRIPTION FOR AREA # 4

All of Lots 1, 2, 3, and 4 all in Block 3; All of Lots 1, 2, 3, 4, 5, and 6 and the West Half (W 1/2) of Lot 7 all in Block 1; all of Vacated West Fifth Avenue from the East line of Oregon Street to the East line of Lot 4, Block 3; and the North Half (N 1/2) of Vacated West Fifth Avenue from the West line of Lot 5, Block 1, to the mid-line of Lot 7, Block 1; all in the plat of the ORIGINAL THIRD WARD, per Leach's Map of 1894, now in the Third Ward, City of Oshkosh, Winnebago County, Wisconsin; and that portion of Fractional Section 34, Township 18 North, Range 16 East, in the Third Ward, City of Oshkosh, Winnebago County, Wisconsin, lying South of the Southwesterly shoreline (U.S. Harbor line) of the Fox River, East of the East line of Oregon Street, West of the mid-line of Lot 7 of Block 1 and North of the Northerly line of said Block 1 containing 157,207 square feet (3.609 acres) of land and also described by:

Commencing at the Southwest Corner of said Block 3 and the true point of beginning; thence North 00°45'27" West 576.04 feet (Recorded as North) along the East line of Oregon Street to a point in the Southwesterly Shore Line (U.S. Harbor line) of the Fox River as established by a General Ordinance of the City of Oshkosh per Document No. 276204 of Winnebago County Registry; thence South 86°37'06" East 244.06 feet (Recorded as S.85°58'00"E.) along said Southwesterly Shore line (U.S. Harbor line); thence South 05°12'35" East 91.75 feet (Recorded as S.64°33'30"E.) along said Southwesterly Shore line to the Northerly extension of the mid-line of Lot 7 of said Block 1; thence South 00°39'04" East 334.04 feet along the North extension, the mid-line of said Lot 7 and its South extension to the centerline of Vacated West Fifth Avenue; thence North 74°04'05" West 130.67 feet along said centerline to the North extension of the East line of Lot 4 of said Block 3; thence South 00°41'35" East 224.99 feet along the North extension and East line of said Lot 4 to the North line of West Sixth Avenue; thence West 200.19 feet (Recorded as 200.00 feet) along the said North line to the true point of beginning.

Containing 3.6089 acres of land more or less to the HARBOR LINE of the Fox River.

Subject to easements and restrictions of record.



NOTES:

These parcels do not represent actual existing tax key parcels. These parcels are being created to represent different property designations for the purposes of BRRTS closure applications.

Current field work was not preformed to verify or field stake any portion of these boundaries.

Buildings and other improvements are not shown.

Easements, if any, are not shown.

The current legal description for areas #1, #2, & #3 is: Outlot 1 and Lot 1 of CSM 5748 recorded as Doc. 01361929.

THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

(P) INDICATES PIPE SIZES PER RECORD PLANS. OTHER PIPE SIZES ARE ESTIMATED. NO PIPE SIZES SHOULD BE RELIED UPON WITHOUT FURTHER VERIFICATION.

R.A. Smith National, Inc.
Beyond Surveying and Engineering
10140 W. Bluemound Road, Brookfield, WI 53226-5908
262-781-1000 Fax 262-781-7275 www.rasmithnational.com
Anaheim, CA Orange County, CA Pittsburgh, PA
S:\165482\dwg\EX201D1H.dwg\EX201D1H

SHEET 1 OF 1

R.A. Smith National, Inc.

#5748

CERTIFIED SURVEY MAP

ALL OF BLOCKS 48, 49, 61, 62 AND 77, AND ALL OF LOTS 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 21, 22, 23, 24, AND PART OF LOT 1 OF BLOCK SIXTY-THREE 63, AND ALL OF LOTS 6, 7, 8, 9, 10, 11, 12, AND 24 OF BLOCK SEVENTY-EIGHT 78; ALL OF VACATED WEST FIFTH AVENUE LOCATED BETWEEN THE EAST LINE OF IOWA STREET AND WEST LINE OF OREGON STREET; ALL OF VACATED MINNESOTA STREET LOCATED BETWEEN THE NORTH LINE OF WEST SIXTH AVENUE AND THE SOUTHWESTERLY U.S. HARBOR LINE OF THE FOX RIVER; ALL OF VACATED WEST FOURTH AVENUE LOCATED BETWEEN THE SOUTH EXTENSION OF THE WEST LINE OF SAID BLOCK 77 AND THE WEST LINE OF VACATED MINNESOTA STREET; ALL OF VACATED IOWA STREET LOCATED BETWEEN THE NORTH LINE OF WEST FIFTH AVENUE AND THE SOUTH LINE OF VACATED WEST THIRD AVENUE; ALL OF VACATED WEST THIRD AVENUE LOCATED BETWEEN THE SOUTH EXTENSION OF THE WEST LINE OF BLOCK 78 AND THE EAST LINE OF VACATED IOWA STREET; ALL A PART OF THE ORIGINAL THIRD WARD PER LEACH'S MAP OF 1894; BEING A PART OF THE SE1/4 OF SECTION 23, TOWNSHIP 18 NORTH, RANGE 16 EAST, NINTH WARD, CITY OF OSHKOSH, WINNEBAGO COUNTY, WISCONSIN.

STS Consultants Ltd.
Consulting Engineers
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978

LINE TABLE

LINE	BEARING	DISTANCE
L1	S88°51'18"W	881.50' (860.00')
L2	N01°10'22"W	125.31' (125.00')
L3	S88°51'19"W	300.16' (300.00')
L4	S00°57'57"E	125.14' (125.00')
L5	S88°46'31"W	100.10' (100.00')
L6	N01°09'06"W	125.30' (125.00')
L7	N89°19'59"E	3.66' (3.70')
L8	N14°58'29"E	130.31'
L9	S88°38'25"W	40.27' (40.00')
L10	N00°57'50"W	60.37' (60.00')
L11	S88°48'05"W	109.76' (110.00')
L12	N01°24'56"W	125.12' (125.00')
L13	S88°41'59"W	299.70' (300.00')
L14	N01°12'43"W	125.71' (125.00')
L15	N88°47'51"E	99.95' (100.00')

NOTE: ( ) REPRESENT A RECORD BEARING OR DISTANCE

LINE TABLE (CONT.)

LINE	BEARING	DISTANCE
L16	N01°13'58"W	310.00' (310.00)
L17	N88°47'51"E	100.00' (100.00')
L18	N01°15'20"W	59.84' (60.00')
L19	N88°47'51"E	72.23'
L20	S01°06'40"E	583.58'
L21	S01°06'40"E	50.19'
L22	N83°24'35"W	97.95'
L23	N00°50'59"W	25.21'
L24	N83°24'35"W	312.30'
L25	S19°52'44"W	48.96'
L26	S88°39'28"W	347.87'
L27	S64°03'18"W	44.71'
L28	S30°44'42"W	70.23'
L29	S70°56'07"W	33.44'
L30	N71°24'10"W	33.72'
L31	N22°42'25"E	267.02'

SURVEYORS CERTIFICATE

I, Michael J. Olsen, registered land surveyor, hereby certify: That in full compliance with the provisions of Chapter 236, section 236.34 of the Wisconsin Statutes, the Land Subdivision Ordinance of Winnebago County, and the City of Oshkosh, and under the direction of Jeld-Wen, Inc., owner of said land, I have surveyed, divided and mapped the following land being all of Blocks Forty-eight (48), Forty-nine (49), Sixty-one (61), Sixty-two (62), and Seventy-seven (77), and all of Lots Two (2), Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9), Ten (10), Eleven (11), Twelve (12), Thirteen (13), Fourteen (14), Twenty-one (21), Twenty-two (22), Twenty-three (23), Twenty-four (24), and part of Lot One (1) of Block Sixty-three (63), and all of Lots Six (6), Seven (7), Eight (8), Nine (9), Ten (10), Eleven (11), Twelve (12), and Twenty-four (24) of Block Seventy-eight (78); all of vacated West Fifth Avenue located between the East line of Iowa Street and West line of Oregon Street; all of vacated Minnesota Street located between the North line of West Sixth Avenue and the Southwesterly U.S. Harbor Line of the Fox River; all of vacated West Fourth Avenue located between the South extension of the West line of said Block 77 and the West line of vacated Minnesota Street; all of vacated Iowa Street located between the North line of West Fifth Avenue and the South line of vacated West Third Avenue; all of vacated West Third Avenue located between the South extension of the West line of Block 78 and the East line of vacated Iowa Street; all a part of the Original Third Ward per Leach's Map of 1894; being a part of the SE1/4 of Section 23, Township 18 North, Range 16 East and now all in the Ninth Ward, City of Oshkosh, Winnebago County, Wisconsin described as follows:

Commencing at the Southeast corner of said Section 23; thence N01°17'23"W, 749.65 feet; thence S88°51'18"W, 27.18 feet to the Southeast corner of said Block 49 and the true point of beginning; thence S88°51'18"W, 861.50 feet (Recorded as 860.00 feet) along the North line of West Sixth Avenue to the Southwest corner of Lot 21 of said Block 63; thence N01°10'22"W, 125.31 feet (Recorded as 125.00 feet) to the Northwest corner of said Lot 21; thence S88°51'19"W, 300.16 feet (Recorded as 300.00 feet) along the South lines of Lots 8, 7, 6, 5, 4, and 3 of said Block 63 to the Northeast corner of Lot 14 of said Block 63; thence S00°57'57"E, 125.14 feet (Recorded as 125.00 feet) to the Southeast corner of said Lot 14; thence S88°46'31"W, 100.10 feet (Recorded as 100.00 feet) along the north line of West Sixth Avenue to the East line of Iowa Street; thence N01°09'06"W, 125.30 feet (Recorded as 125.00 feet) along the said East line to the Northwest corner of Lot 13 of said Block 63; thence N89°19'59"E, 3.66 feet (Recorded as 3.70 feet) along the North line of said Lot 13; thence N14°58'29"E, 130.31 feet to a point in the North line of Lot 1 of said Block 63; thence S88°38'25"W, 40.27 feet (Recorded as 40.00 feet) to the Northwest corner of said Lot 1 and East line of Iowa Street; thence N00°57'50"W, 60.37 feet (Recorded as 60.00 feet) on the East line of Iowa Street to the North line of West Fifth Avenue; thence S88°48'05"W, 109.76 feet (Recorded as 110.00 feet) along the said North line to the Southwest corner of Lot 24 of said Block 78; thence N01°24'56"W, 125.12 feet to the Northwest corner of said Lot 24; thence S88°41'59"W, 299.70 feet (Recorded as 300.00 feet) along the South lines of Lots 11, 10, 9, 8, 7, and 6 of said Block 78 to the Southwest corner of Lot 6 of said Block 78; thence N01°12'43"W, 125.71 feet (Recorded as 125.00 feet) to the Northwest corner of said Lot 6; thence N88°47'51"E, 99.95 feet (Recorded as 100.00 feet) along the South line of West Fourth Avenue to the South extension of the West line of said Block 77; thence N01°13'58"W, 310.00 feet (Recorded as 310.00 feet) along the said South extension and the West line of Block 77 to the Northwest corner of said Block 77; thence N88°47'51"E, 100.00 feet (Recorded as 100.00 feet) along the South line of vacated West Third Avenue to the Northeast corner of Lot 9 of said Block 77; thence N01°15'20"W, 59.84 feet (Recorded as 60.00 feet) along the North extension of the East line of Lot 9 of said Block 77 to the North line of vacated West Third Avenue; thence N88°47'51"E, 72.23 feet along the said North line to a point in the Southwesterly Shore line (U.S. Harbor line) of the Fox River as established by a General Ordinance of the City of Oshkosh per Document No. 276204 of Winnebago County Registry, thence S52°46'26"E, 180.34 feet (Recorded as S51°47'00"E) along said Southwesterly Shore line (U.S. Harbor line); thence S80°34'18"E, 1281.80 feet (Recorded as S79°34'00"E) along said Southwesterly Shore line (U.S. Harbor line) to the West line of Oregon Street; thence S01°06'40"E, 583.58 feet (Recorded as South) along the said West line of Oregon Street to the true point of beginning.

Said parcel contains 1,011,704 square feet or 23.226 acres more or less.

Said parcel is subject to easements of record.

That the survey of said land was done under my direct supervision and the map hereon is a true and accurate representation of the exterior boundaries and the division thereof.

WISCONSIN
MICHAEL J. OLSEN
S-2577
GREEN BAY, WI
LAND SURVEYOR

Michael J Olsen 7-7-05

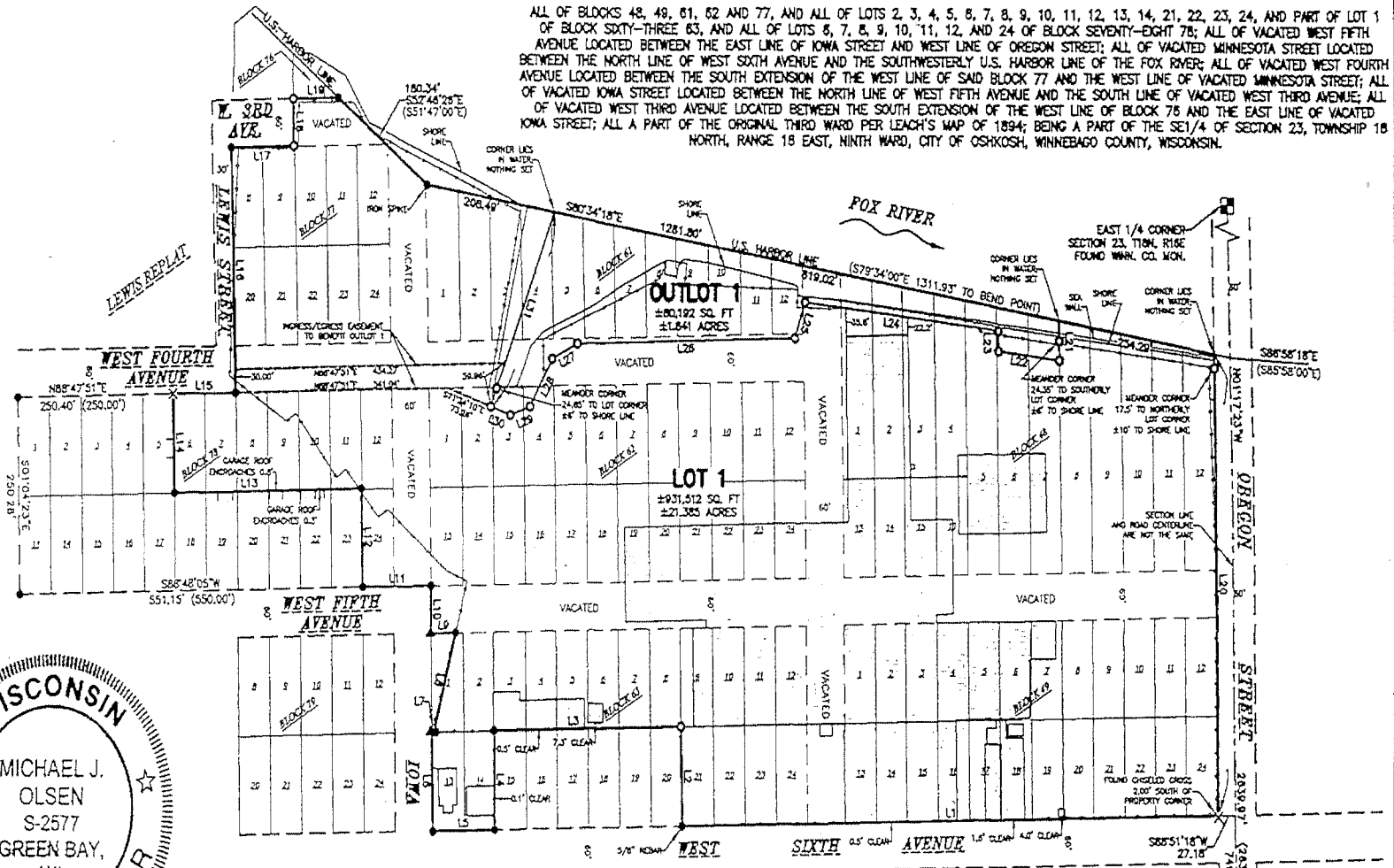
MICHAEL J. OLSEN S-2577
REGISTERED LAND SURVEYOR
JULY 7, 2005

THIS IS AN ORIGINAL SURVEY DOCUMENT IF THE PROFESSIONAL SEAL IS IMPRINTED IN RED AND SIGNED IN BLUE

SHEET	2 OF 3
PROJECT No.	12-29673
CADD FILE	G1229673-CSM
DRAWN BY	CDH
DATE DRAWN	6/27/05

CERTIFIED SURVEY MAP

ALL OF BLOCKS 48, 49, 61, 62 AND 77, AND ALL OF LOTS 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 21, 22, 23, 24, AND PART OF LOT 1 OF BLOCK SIXTY-THREE 63, AND ALL OF LOTS 6, 7, 8, 9, 10, 11, 12, AND 24 OF BLOCK SEVENTY-EIGHT 78; ALL OF VACATED WEST FIFTH AVENUE LOCATED BETWEEN THE EAST LINE OF IOWA STREET AND WEST LINE OF OREGON STREET; ALL OF VACATED MINNESOTA STREET LOCATED BETWEEN THE NORTH LINE OF WEST SIXTH AVENUE AND THE SOUTHWESTERLY U.S. HARBOR LINE OF THE FOX RIVER; ALL OF VACATED WEST FOURTH AVENUE LOCATED BETWEEN THE SOUTH EXTENSION OF THE WEST LINE OF SAID BLOCK 77 AND THE WEST LINE OF VACATED MINNESOTA STREET; ALL OF VACATED IOWA STREET LOCATED BETWEEN THE NORTH LINE OF WEST FIFTH AVENUE AND THE SOUTH LINE OF VACATED WEST THIRD AVENUE; ALL OF VACATED WEST THIRD AVENUE LOCATED BETWEEN THE SOUTH EXTENSION OF THE WEST LINE OF BLOCK 78 AND THE EAST LINE OF VACATED IOWA STREET; ALL A PART OF THE ORIGINAL THIRD WARD PER LEACH'S MAP OF 1894; BEING A PART OF THE SE1/4 OF SECTION 23, TOWNSHIP 18 NORTH, RANGE 18 EAST, NINTH WARD, CITY OF OSHKOSH, WINNEBAGO COUNTY, WISCONSIN.



WISCONSIN
MICHAEL J. OLSEN
S-2577
GREEN BAY, WI
LAND SURVEYOR

Michael J Olsen 7-7-05

MICHAEL J. OLSEN S-2577
REGISTERED LAND SURVEYOR
JULY 7, 2005

THIS IS AN ORIGINAL SURVEY DOCUMENT IF THE PROFESSIONAL SEAL IS IMPRINTED IN RED AND SIGNED IN BLUE

NOTES

SURVEYED FOR THE CITY OF OSHKOSH.

PROPERTY OWNED BY JELD-WEN INC.

BEARING ARE REFERENCED TO GRID NORTH OF THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.

SUBJECT TO EASEMENTS OF RECORD.

THE FENCE AS SHOWN HEREON, CROSSES THE EXTERIOR BOUNDARY AND LOT BOUNDARIES OF THE SUBJECT PARCEL AT NUMEROUS LOCATIONS WHICH CANNOT BE CLEARLY REPRESENTED HEREON.

LEGEND

- CSM EXTERIOR BOUNDARY
- CSM LOT BOUNDARY
- EASEMENT LINE
- SUBDIVISION LINE
- RIGHT-OF-WAY LINE
- VACATED RIGHT-OF-WAY LINE
- SECTION LINE
- FENCE
- ● FOUND 1" IRON PIPE (UNLESS NOTED OTHERWISE)
- ○ SET 1" IRON PIPE
- X FOUND CHISELED CROSS
- ▲ FOUND RAILROAD SPIKE
- ( ) RECORD BEARING OR DISTANCE

SHEET	1 OF 3
PROJECT No.	12-29673
CADD FILE	012729673-CSM
DRAWN BY	CDH
DATE DRAWN	6/27/05

STS Consultants Ltd.
Consulting Engineers
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978

#5748

#5748

CERTIFIED SURVEY MAP

ALL OF BLOCKS 48, 49, 61, 62 AND 77, AND ALL OF LOTS 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 21, 22, 23, 24, AND PART OF LOT 1 OF BLOCK SIXTY-THREE 63, AND ALL OF LOTS 6, 7, 8, 9, 10, 11, 12, AND 24 OF BLOCK SEVENTY-EIGHT 78; ALL OF VACATED WEST FIFTH AVENUE LOCATED BETWEEN THE EAST LINE OF IOWA STREET AND WEST LINE OF OREGON STREET; ALL OF VACATED MINNESOTA STREET LOCATED BETWEEN THE NORTH LINE OF WEST SIXTH AVENUE AND THE SOUTHWESTERLY U.S. HARBOR LINE OF THE FOX RIVER; ALL OF VACATED WEST FOURTH AVENUE LOCATED BETWEEN THE SOUTH EXTENSION OF THE WEST LINE OF SAID BLOCK 77 AND THE WEST LINE OF VACATED MINNESOTA STREET; ALL OF VACATED IOWA STREET LOCATED BETWEEN THE NORTH LINE OF WEST FIFTH AVENUE AND THE SOUTH LINE OF VACATED WEST THIRD AVENUE; ALL OF VACATED WEST THIRD AVENUE LOCATED BETWEEN THE SOUTH EXTENSION OF THE WEST LINE OF BLOCK 78 AND THE EAST LINE OF VACATED IOWA STREET; ALL A PART OF THE ORIGINAL THIRD WARD PER LEACH'S MAP OF 1894; BEING A PART OF THE SE1/4 OF SECTION 23, TOWNSHIP 18 NORTH, RANGE 16 EAST, NINTH WARD, CITY OF OSHKOSH, WINNEBAGO COUNTY, WISCONSIN.

STS Consultants Ltd.
Consulting Engineers
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978

CORPORATE OWNER'S CERTIFICATE

Jeld-Wen Inc., an Oregon corporation, as owner, does hereby certify that said corporation caused the land described to be surveyed, divided, and mapped as represented on this map, in accordance with the provisions of Chapter 236 of the Wisconsin Statutes and the Land Subdivision Ordinance of the City of Oshkosh.

In Witness whereof, Jeld-Wen Inc., has caused these presents to be signed by Mike Hanigan its Coordinating General Mgr and countersigned by Scott P Wilson its General MANAGER, at Oshkosh, Wisconsin, this 8th day of July, 2005.

STATE OF WISCONSIN)
:SS
WINNEBAGO COUNTY)

Personally came before me this 8th day of July, 2005 the aforementioned representatives of Jeld-Wen Inc., known to me to be the persons who executed the forgoing instrument and acknowledged the same.

Darlene F. Brandt

Notary Public,
Winnebago County, State of Wisconsin

My commission expires 7/16/010

CITY OF OSHKOSH PLANNING COMMISSION CERTIFICATE OF APPROVAL

This Certified Survey Map of part of the SE1/4 of Section 23, Township 18 North, Range 16 East, Ninth Ward, City of Oshkosh, Winnebago County, Wisconsin, is hereby approved.

7/8/05

City Planning Commission Representative

Date

WISCONSIN
MICHAEL J. OLSEN
S-2577
GREEN BAY, WI
LAND SURVEYOR

Michael J Olsen 7-7-05

MICHAEL J. OLSEN S-2577
REGISTERED LAND SURVEYOR
JULY 7, 2005

THIS IS AN ORIGINAL SURVEY DOCUMENT IF THE PROFESSIONAL SEAL IS IMPRINTED IN RED AND SIGNED IN BLUE

SHEET	3 OF 3
PROJECT No.	12-29673
CADD FILE	G1229673-CSM
DRAWN BY	CDH
DATE DRAWN	6/27/05

1361929

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON

07/08/2005 09:41AM
Vol. 1 P. 5748
JULIE PAGEL
REGISTER OF DEEDS

RECORDING FEE 17.00
TRANSFER FEE
OF PAGES 4

Chg City Atty.

RESPONSIBLE PARTY CERTIFICATION OF PROPERTY INCLUSION

I hereby certify that the legal description has been attached for each property that is within, or partially within, the contaminated site boundary. This certification does not attest to the accuracy of the attached legal descriptions.

Printed Name of Official: DWAYNE ARINO

Title of Official: DIRECTOR, ENVIRONMENTAL ENGINEERING

Signature of Official: Dwayne Arino

Date: 3-21-2012

REFERENCED FROM : USGS 7.5 MINUTE QUADRANGLE
OSHKOSH, WISONSIN

0 1500' 3000' 4500'

FORMER MORGAN MANUFACTURING FACILITY
228 WEST 6TH AVENUE AND 523 OREGON STREET
OSHKOSH, WISCONSIN

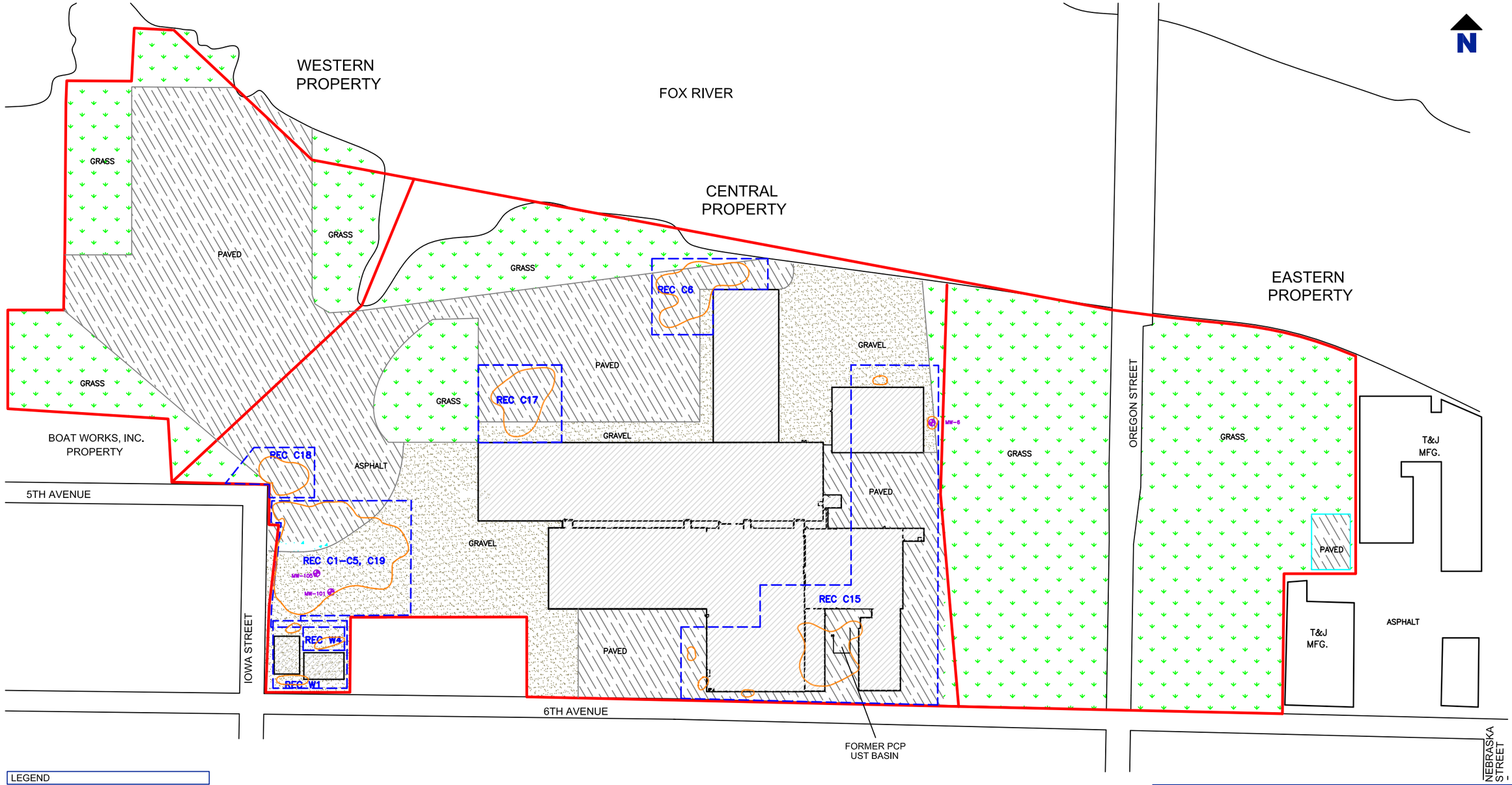
Drawing
SITE LOCATION MAP

ATTACHMENT 5

Date	September 20, 2012	Scale	AS SHOWN	Fig. No.	2
File Name	PCP UST Closure H Series	Project No.	108.00228.00039		

SLR

Last Saved: Thursday, September 20, 2012 4:06:45 PM by jjohnson Drawing path: N:\Portland\Figures\JELD-WEN\Jeld-WEN Morgan\PCP UST Addendum #2\PCP UST Closure H Series.dwg



LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE BOUNDARIES OF REC INVESTIGATION AREA
- SITE BUILDING
- CAP AREA
- MW-101 MONITORING WELLS "LOST" DURING BUILDING DEMOLITION ACTIVITIES AND ROAD RESURFACING

NOTES

BUILDING STATUS AS OF NOVEMBER 2003.
PROPERTY AREA BOUNDARIES ARE APPROXIMATE

0 150' 300' 450'

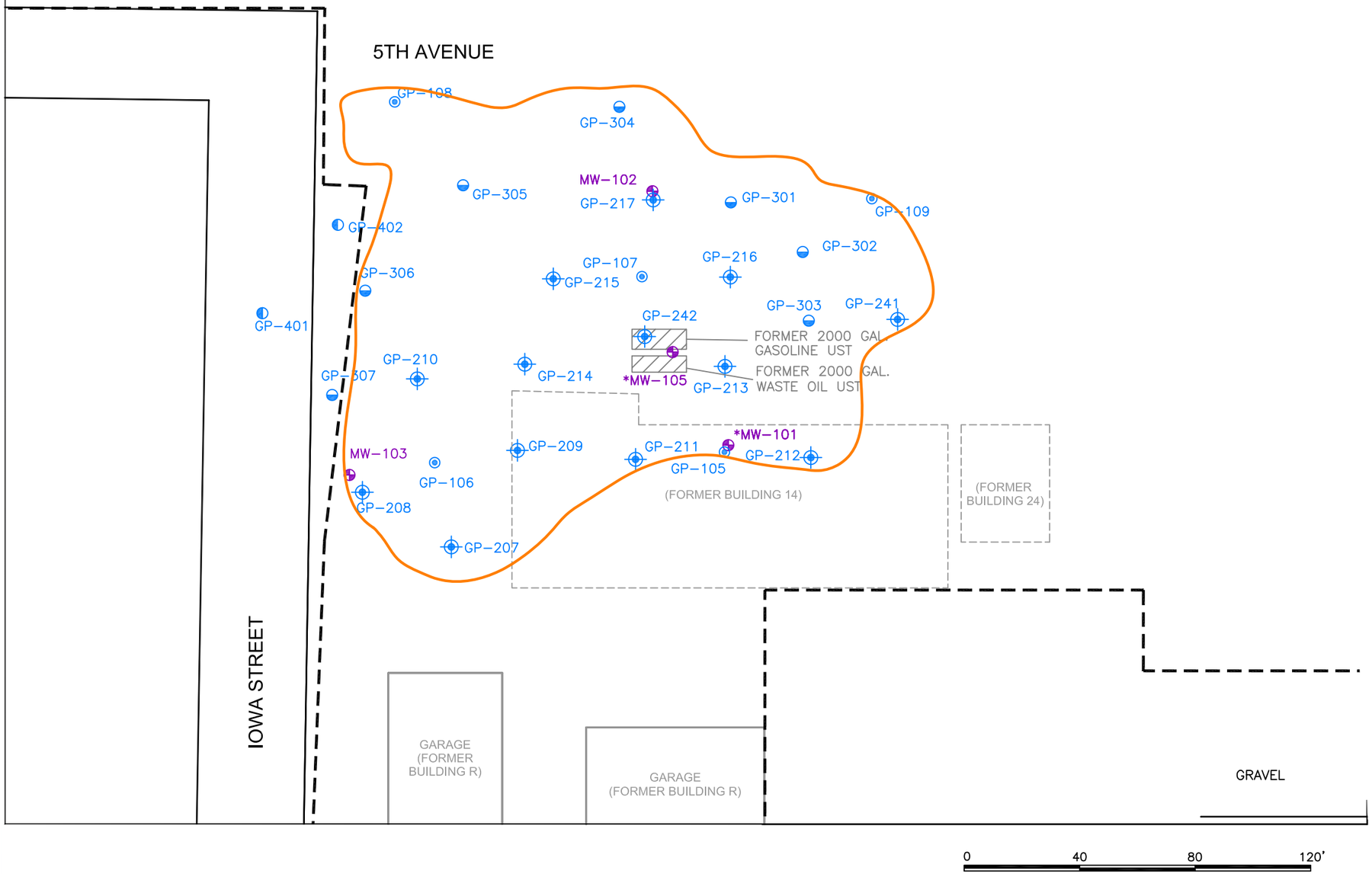
FORMER MORGAN MANUFACTURING FACILITY
228 WEST 6TH AVENUE AND 523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing
PROPERTY MAP SHOWING APPROXIMATE BOUNDARIES OF REC INVESTIGATION AREAS

ATTACHMENT 6

Date	September 5, 2012	Scale	AS SHOWN	Fig. No.	3
File Name	A2-A3-H5-H5-G1-F1 rev	Project No.	108.00228.00039		

Last Saved: Monday, October 01, 2012 11:17:45 AM by jjohnson Drawing path: N:\Portland\Figures\JELD-WEN\Jeld-WEN Morgan\Closure Requests\C1-C5, C19\A2-A3-H5-H5-G1-F1 rev.dwg



NOTES

BUILDING STATUS AS OF 2005

* MONITORING WELLS MW-101 AND MW-105 WERE DESTROYED DURING DEMOLITION OF BUILDINGS IN 2009

LEGEND

	FORMER BUILDING LOCATION
	PROPERTY BOUNDARY
MW-108	MONITORING WELL LOCATION
GP-116	2003 GEOPROBE BORING LOCATION
GP-219	2004 GEOPROBE BORING LOCATION
GP-315	2005 GEOPROBE BORING LOCATION
GP-421	2006 GEOPROBE BORING LOCATION
	AREA OF IMPACTED SURFACE SOILS (ABOVE FOUR FEET BGS)

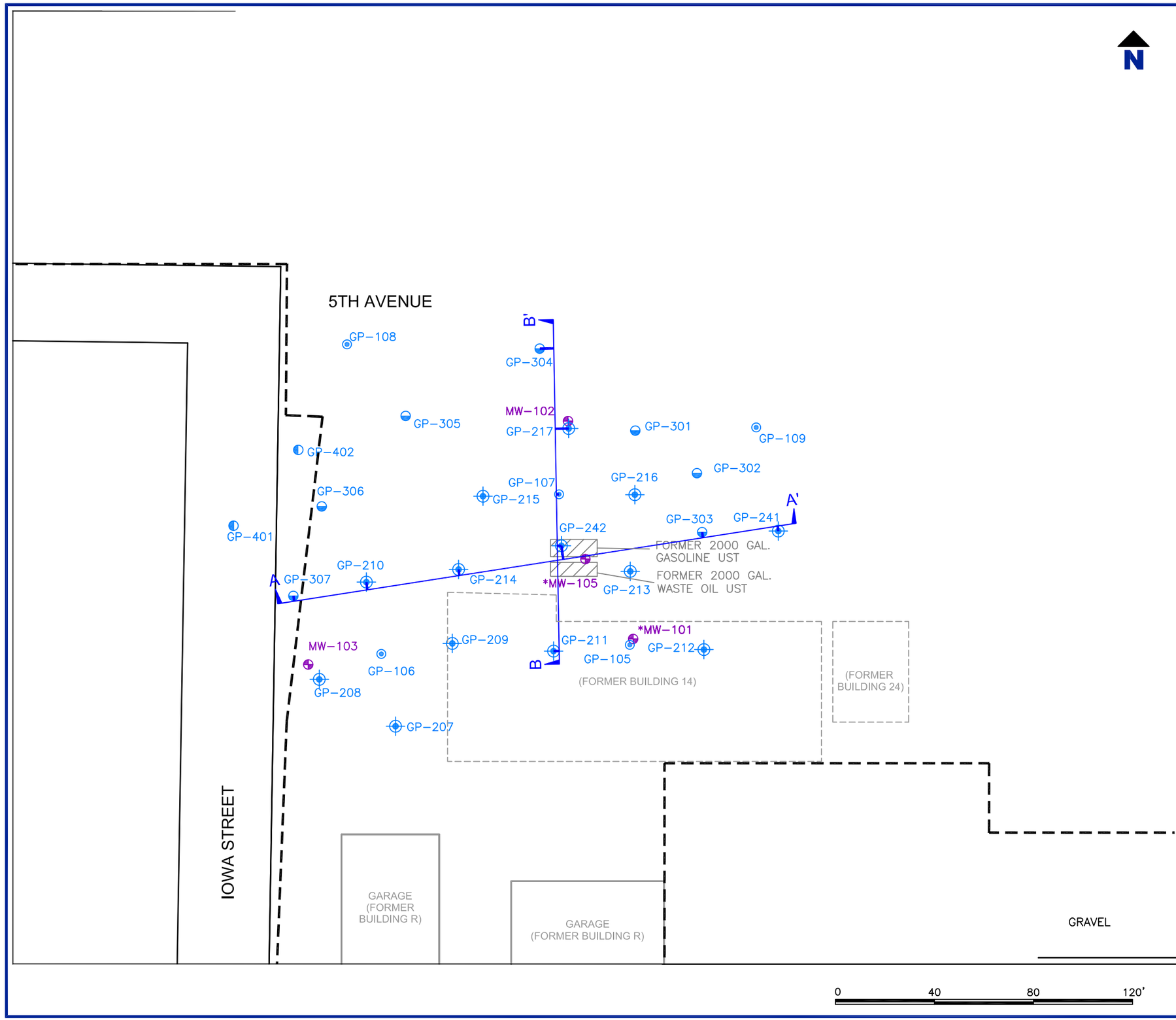
FORMER MORGAN MANUFACTURING FACILITY
523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing REC C1-C5, C19 SOIL CONTAMINATION CONTOUR

ATTACHMENT 7

Date June 20, 2012	Scale AS SHOWN	Fig. No. 4
File Name C1-5,C19 CLOSURE-3	Project No. 108.0228.00039	

SLR



NOTES

BUILDING STATUS AS OF 2012

* MONITORING WELLS MW-101 AND MW-105 WERE DESTROYED DURING DEMOLITION OF BUILDINGS IN 2009

LEGEND

	FORMER BUILDING LOCATION
	PROPERTY BOUNDARY
MW-202	MONITORING WELL LOCATION
GP-135	2003 GEOPROBE BORING LOCATION
GP-237	2004 GEOPROBE BORING LOCATION
GP-331	2005 GEOPROBE BORING LOCATION
A A'	CROSS SECTION LOCATION

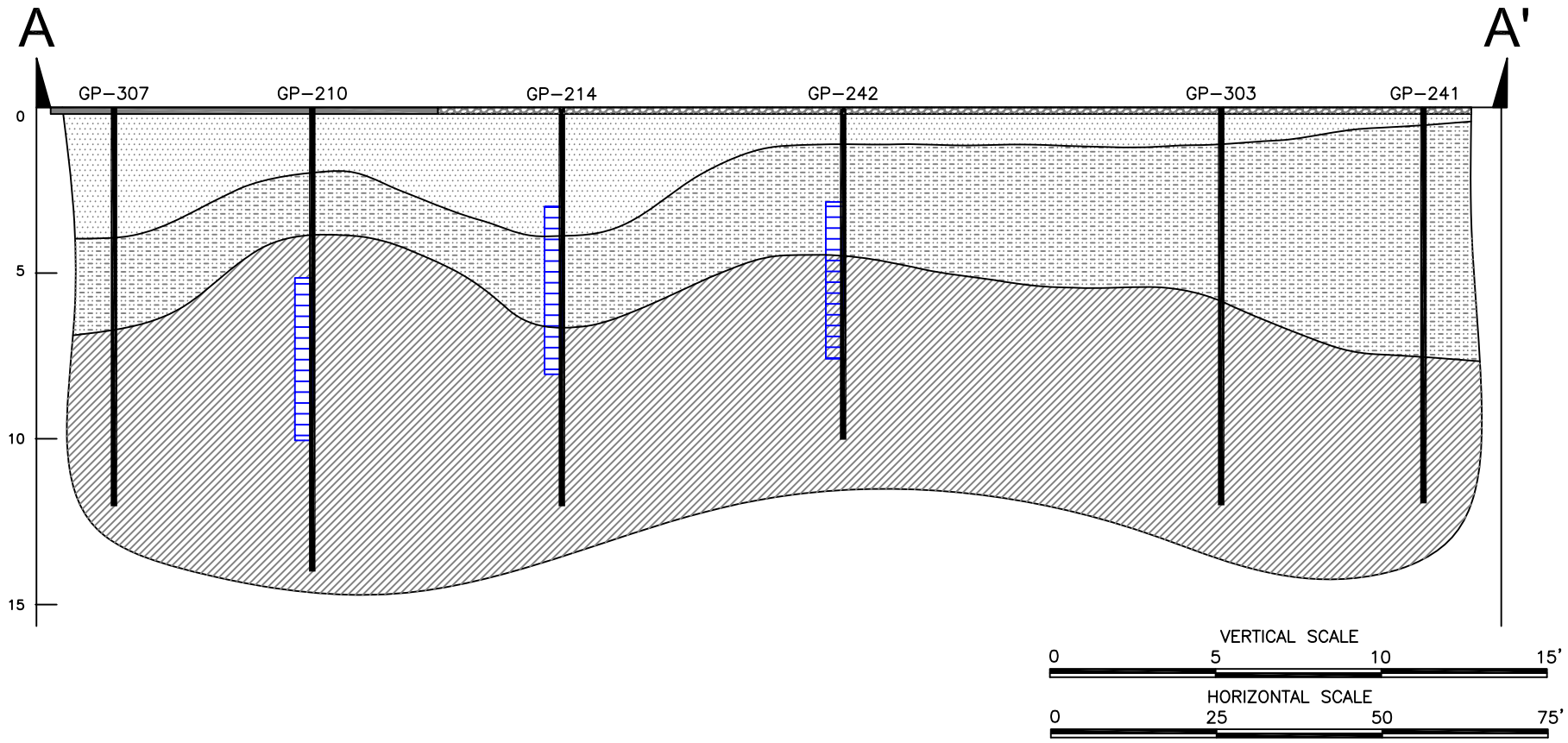
FORMER MORGAN MANUFACTURING FACILITY
523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing REC C1-C5,C19 GEOLOGIC CROSS SECTION LOCATION MAP

ATTACHMENT 8

Date June 20, 2012	Scale AS SHOWN	Fig. No. 11a
File Name C1-5,C19 CLOSURE-3	Project No. 108.0228.00039	

SLR



LEGEND

- ASPHALT
- FILL – SAND AND GRAVEL, SILTY SAND
- PEAT
- CLAY
- COMPACTED GRAVEL SURFACE LAYER
- TEMPORARY WELL SCREEN

SLR

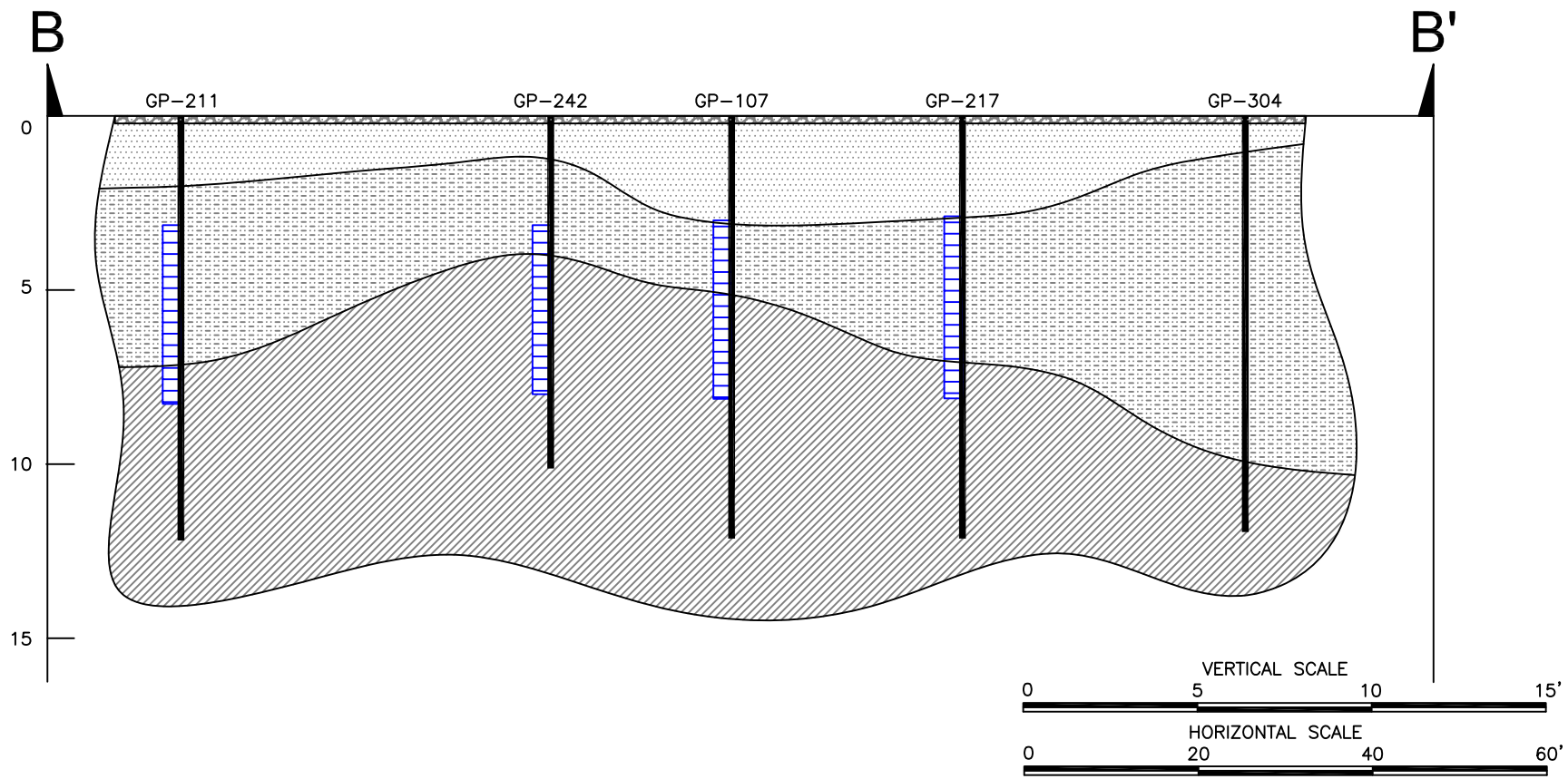
THIS DRAWING IS FOR CONCEPTUAL PURPOSES ONLY. ACTUAL LOCATIONS MAY VARY AND NOT ALL STRUCTURES ARE SHOWN.

FORMER MORGAN MANUFACTURING FACILITY
503 OREGON STREET
OSHKOSH, WISCONSIN

Drawing
REC C1-C5,C19 GEOLOGIC CROSS SECTION

ATTACHMENT 8

Date June 20, 2012	Scale AS SHOWN	Fig. No. 11b
File Name C1-5,C19 CLOSURE-2	Project No. 108.00228.00039	



LEGEND

- FILL – SAND AND GRAVEL, SILTY SAND
- PEAT
- CLAY
- COMPACTED GRAVEL SURFACE LAYER
- TEMPORARY WELL SCREEN

SLR

THIS DRAWING IS FOR CONCEPTUAL PURPOSES ONLY. ACTUAL LOCATIONS MAY VARY AND NOT ALL STRUCTURES ARE SHOWN.

FORMER MORGAN MANUFACTURING FACILITY
503 OREGON STREET
OSHKOSH, WISCONSIN

Drawing
REC C1-C5,C19 GEOLOGIC CROSS SECTION

ATTACHMENT 8

Date June 20, 2012	Scale AS SHOWN	Fig. No. 11c
File Name C1-5,C19 CLOSURE-2	Project No. 108.00228.00039	

Table 1: Soil Analytical Summary Table - REC C1-C5, C19
PAHs, TPH and Metals
Former Morgan Door
Oshkosh, Wisconsin

Sample Location	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	GW Protection Pathway [A]	GP-105			GP-106			GP-107			GP-108			GP-109		GP-207			GP-208	
Sample Interval (ft bgs)				(2'-3')	(4'-5')	(11'-12')	(2'-3')	(4'-5')	(10'-11')	(3'-4')	(4'-5')	(11'-12')	(1'-2')	(4'-5')	(8'-9')	(3'-4')	(7'-8')	(2'-3')	(4'-5')	(11'-12')	(4'-5')	(11'-12')
Sample Collection Date				9/18/2003			9/18/2003			9/12/2003			9/18/2003			9/18/2003		12/9/2004			12/8/2004	
Polynuclear Aromatic Hydrocarbons (PAHs) [B] in ug/Kg																						
1-Methylnaphthalene	22,100	98,700	23,000	<130	<40	<7.9	<91	<14	<8.5	570	280	<8.1	42	<9.2	<23	<10	<8.2	22	61	31	8.1	4.9
2-Methylnaphthalene	313,000	368,000	20,000	180	43	<8.5	<98	<15	<9.1	740	390	<8.7	43	<9.9	<25	<11	<8.8	42	77	51	10	8.2
Acenaphthene	3,440,000	33,000,000	3,800	<200	<63	<12	<140	<21	<13	1,200	170	<13	<13	<15	<37	<16	<13	11	94	16	6.5	3
Acenaphthylene	487,000	487,000	700	<330	<100	<20	370	<35	<22	1,400	150	<21	<21	<24	<60	<26	<21	6.8	470	28	54	<6.7
Anthracene	17,200,000	100,000,000	3,000,000	<200	<63	<6.8	1,100	<21	<13	3,600	350	<13	<13	<15	<37	<16	<13	8.9	820	26	140	8.7
Benzo(a)anthracene	148	2,110	17,000	<110	<34	<6.8	**3,400**	70	<7.2	**12,000**	*1,100*	<7.0	75	<7.9	<20	<8.5	<7.1	35	**3,300**	17	*860*	<15
Benzo(a)pyrene	15	211	48,000	<110	*63*	<7.3	**3,800**	*83*	8.2	**12,000**	**990**	<7.0	*110*	<7.9	<20	<8.5	<7.1	*39*	**3,900**	15	**740**	<12
Benzo(b)fluoranthene	148	2,110	360,000	<120	43	<14	**3,400**	70	<7.9	**13,000**	*1,200*	<7.6	130	8.8	<22	<9.3	<7.6	32	**3,400**	9.5	*1,400*	<9.8
Benzo(ghi)perylene	--	39,000	6,800,000	<220	<68	<10	2,600	56	<14	6,500	300	<14	85	<16	<40	<17	<14	22	2,400	8.5	610	<6.6
Benzo(k)fluoranthene	1,480	39,000	870,000	<170	<51	<7.8	*3,000*	74	<11	*11,000*	1,100	<10	100	<12	<30	<13	<11	35	*3,000*	13	1,100	<13
Chrysene	14,800	211,000	37,000	<130	<39	<8.4	3,900	80	8.9	*15,000*	1,500	<8	95	<9.1	<23	<9.8	<8.1	36	3,300	19	860	<14
Dibenzo(a,h)anthracene	15	211	38,000	<140	<42	<9.0	**650**	*19*	<8.9	**1,800**	*130*	<8.6	*30*	<9.8	<25	<11	<8.7	4.5	**490**	3.8	*200*	<4.0
Fluoranthene	2,290,000	22,000,000	500,000	<150	<46	<6.8	8,600	160	18	34,000	2,800	<9.3	84	14	<27	<11	<9.4	60	7,800	34	1,000	24
Fluorene	2,290,000	22,000,000	100,000	<110	<34	<12	260	<12	<7.2	1,800	240	<7.0	<7.2	<7.9	<20	<8.5	<7.1	5.1	210	23	20	3.7
Indeno(1,2,3-cd)pyrene	148	2,110	680,000	<200	<63	<8.5	**2,400**	61	<13	**6,000**	*320*	<13	87	<15	<37	<16	<13	19	**2,300**	6.1	*680*	<6.3
Naphthalene	5,150	26,000	400	<140	<43	<9.0	200	23	<9.1	1,000	190	<8.7	23	<9.9	<25	<11	<8.8	65	300	92	23	15
Phenanthrene	115,000	16,500,000	1,800	160	<46	<6.8	4,000	67	<9.7	9,900	900	<9.3	57	<11	<27	<11	<9.4	32	3,300	82	390	23
Pyrene	1,720,000	30,000,000	8,700,000	43,000	<74	<12	6,900	150	16	32,000	3,200	<15	85	<17	<44	<19	<15	54	6,400	45	900	30
Total Petroleum Hydrocarbons (TPH) [C] in mg/Kg																						
DRO	--	--	250	18,000	5,500	58	6.2	8.7	7.4	3,200	520	<3.7	17	16	6.5	6.8	4.3	<4.4	<4.2	<4.0	<4.1	<4.3
GRO	--	--	--	--	7.2	--	--	--	--	--	--	--	--	<3.3	<4.2	<3.6	<2.9	--	--	--	--	--
Metals [D] in mg/Kg	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	PAL-based RCL [E]																			
Arsenic	10 [F]	--	10 [F]	5.7	2.6	4.9	5.6	5.2	2.4	*15*	7.1	2.8	4.5	3.6	8.3	3.8	3.1	--	--	--	--	--
Barium	15,300	100,000	328 [E]	97	73	72	260	140	87	110	78	76	38	58	160	200	77	--	--	--	--	--
Cadmium	8	510	--	0.52	0.12	0.15	1.3	0.87	0.2	*31*	3.2	0.17	0.089	0.13	0.31	0.33	0.17	--	--	--	--	--
Chromium	100,000 [G]	100,000 [G]	--	13	22	24	50	40	23	20	17	20	8.9	17	42	51	30	--	--	--	--	--
Lead	400	800	--	190	6.3	7.5	390	170	9.1	**4,200**	220	9	19	18	10	14	9.3	27	130	9.6	*680*	8.4
Selenium	391	5,110	1 [E]	1.4	1.7	1.6	1.1	2.3	0.82	2.3	1.6	0.86	0.42	0.59	1	0.96	1.4	--	--	--	--	--
Silver	--	--	1.67 [E]	0.12	0.068	0.056	0.98	0.52	0.036	0.56	2.2	0.058	0.46	0.039	0.051	0.099	0.18	--	--	--	--	--
Mercury	3.13	3.13	0.2 [E]	0.12	0.022	0.026	1.6	0.71	0.0081	0.29	0.056	0.0086	0.0088	0.033	0.017	0.04	0.012	--	--	--	--	--

Notes:

<10 indicates not detected above the laboratory reporting limit of 10 ug/Kg

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Bold indicates detected above the Industrial Pathway

Italics indicates detected above the Non-industrial Pathway

Underline indicates detected above the Groundwater Pathway

A - Screening level values from Draft WDNR Publication RR-890: Soil RCL Determinations Using the US EPA Regional Screening Level Web Calculator for direct contact PAHs and metals/ WDNR Publication RR-519-97: Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance for GW protection pathway/NR 720 RCLs for DRO

B - PAHs per EPA 8270SIM Method

C - TPH per DRO and GRO Methods

D - Metals per EPA 6010/7470 Methods

E - PAL-based RCL from Central Property Site Investigation Report - Appendix B

F- WDNR determined that 10 mg/Kg for arsenic could be used as background for this property.

G - Chromium RCL is listed value for Chromium III

Table 1: Soil Analytical Summary Table - REC C1-C5, C19
PAHs, TPH and Metals
Former Morgan Door
Oshkosh, Wisconsin

Sample Location	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	GW Protection Pathway [A]	GP-209		GP- 210			GP-211		GP-212			GP-213			GP-214			GP-215			GP-216	
Sample Interval (ft bgs)				(4'-5')	(11'-12')	(3'-4')	(4'-5')	(13'-14')	(2'-3')	(11'-12')	(3'-4')	(4'-5')	(9'-10')	(2'-3')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(13'-14')	(4'-5')	(11'-12')
Sample Collection Date				12/8/2004		12/8/2004			12/9/2004		12/17/2004			12/8/2004			12/8/2004			12/8/2004			12/8/2004	
Polynuclear Aromatic Hydrocarbons (PAHs) [B] in ug/Kg																								
1-Methylnaphthalene	22,100	98,700	23,000	28	9.1	850	280	<2.7	<7.9	<2.7	<4.4	<3.2	<2.7	50	75	<2.6	--	7.2	4	38	250	5.1	1,900	<2.6
2-Methylnaphthalene	313,000	368,000	20,000	45	17	1,200	260	<3.8	<11	<3.8	<6.2	<4.5	<3.8	50	100	<3.7	--	11	7	47	330	11	4,000	<3.7
Acenaphthene	3,440,000	33,000,000	3,800	55	2.1	60	710	<1.9	<5.5	<1.8	<3.0	<2.2	<1.8	72	8.4	<1.8	--	19	2.3	30	220	2.6	12	<1.8
Acenaphthylene	487,000	487,000	700	120	<6.6	48	1,100	<6.6	<19	<6.5	11	<7.7	<6.5	100	18	<6.4	--	17	<6.5	280	740	<6.5	<34	<6.3
Anthracene	17,200,000	100,000,000	3,000,000	200	<2.5	190	3,800	2.8	13	<2.5	14	<3.0	<2.5	350	25	<2.5	--	83	13	330	1,600	<2.5	<13	<2.4
Benzo(a)anthracene	148	2,110	17,000	*590*	<15	*640*	**8,900**	<15	52	<14	43	<17	<14	*650*	*160*	<14	--	*180*	20	*840*	**5,500**	<14	<75	<14
Benzo(a)pyrene	15	211	48,000	**950**	<12	**940**	**8,400**	<12	*55*	<12	*45*	<14	<12	**620**	*210*	<12	--	*160*	*18*	**1,100**	**7,000**	<12	<61	<11
Benzo(b)fluoranthene	148	2,110	360,000	*710*	<9.7	*770*	**6,100**	<9.7	43	<9.5	37	<11	<9.5	*560*	*150*	<9.4	--	130	12	*1,100*	**7,300**	<9.5	<49	<9.3
Benzo(ghi)perylene	--	39,000	6,800,000	350	<6.6	920	2,800	8.3	39	<6.4	28	<7.7	<6.4	180	57	<6.4	--	87	9	590	4,000	<6.4	<33	<6.3
Benzo(k)fluoranthene	1,480	39,000	870,000	650	<13	260	*7,200*	<13	44	<13	39	<15	<13	490	180	<13	--	120	15	870	*6,200*	<13	<66	<13
Chrysene	14,800	211,000	37,000	610	<14	1,200	7,800	<13	53	<13	39	<16	<13	540	160	<13	--	160	17	850	6,500	<13	<69	<13
Dibenzo(a,h)anthracene	15	211	38,000	*100*	<3.9	*190*	**650**	<3.9	<11	<3.8	13	<4.6	<3.8	*52*	*18*	<3.8	--	*25*	<3.9	*120*	**1,100**	<3.8	<20	<3.8
Fluoranthene	2,290,000	22,000,000	500,000	1,100	<11	360	21,000	20	100	<11	100	<13	<11	1,600	240	<11	--	450	44	1,700	11,000	<11	<57	<11
Fluorene	2,290,000	22,000,000	100,000	58	2.3	91	990	<1.6	5.3	<1.5	5.6	<1.8	<1.5	140	7.9	<1.5	--	40	4.4	42	400	<1.5	12	<1.5
Indeno(1,2,3-cd)pyrene	148	2,110	680,000	*360*	<6.3	*310*	**2,900**	<6.2	29	<6.1	29	<7.3	<6.1	*210*	54	<6.1	--	78	8	*510*	**4,100**	<6.1	<32	<6.0
Naphthalene	5,150	26,000	400	140	40	450	460	<2.9	23	<2.8	15	<3.4	<2.8	120	88	2.8	--	17	21	61	550	30	2,700	<2.8
Phenanthrene	115,000	16,500,000	1,800	530	9.7	1,400	9,300	10	78	<6.5	76	<7.8	<6.5	1,200	120	<6.5	--	370	41	620	3,900	<6.5	<34	<6.4
Pyrene	1,720,000	30,000,000	8,700,000	1,100	<15	980	19,000	17	93	<14	86	<17	<14	1,300	250	<14	--	350	38	1,400	8,600	<14	<75	<14
Total Petroleum Hydrocarbons (TPH) [C] in mg/Kg																								
DRO	--	--	250	27	<4.3	200	<4.5	4.1	27	<3.9	15	<16	<4.1	9.2	32	<4.2	--	61	<4.4	51	430	<4.3	160	<4.1
GRO	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals [D] in mg/Kg	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	PAL-based RCL [E]																					
Arsenic	10 [F]	--	10 [F]	--	--	4.5	7	--	--	--	--	--	--	--	--	--	5.8	*32*	--	*31*	5.1	3.2	3.3	2.9
Barium	15,300	100,000	328 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	8	510	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	100,000 [G]	100,000 [G]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	400	800	--	**940**	11	42	100	6.1	84	6.9	110	16	7.7	43	30	8.2	--	*440*	7.8	53	140	6.5	9.6	6.6
Selenium	391	5,110	1 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	1.67 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	3.13	3.13	0.2 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

<10 indicates not detected above the laboratory reporting limit of 10 ug/Kg

-- indicates data not available

Bold indicates detected above the Industrial Pathway

Italics indicates detected above the Non-industrial Pathway

Underline indicates detected above the Groundwater Pathway

A - Screening level values from Draft WDNR Publication RR-890: Soil RCL Determinations Using the US EPA Regional Screening Level Web Calculator for direct contact PAHs and metals/ WDNR Publication RR-519-97: Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance for GW protection pathway/NR 720 RCLs for DRO

B - PAHs per EPA 8270SIM Method

C - TPH per DRO and GRO Methods

D - Metals per EPA 6010/7470 Methods

E - PAL-based RCL from Central Property Site Investigation Report - Appendix B

F- WDNR determined that 10 mg/Kg for arsenic could be used as background for this property.

G - Chromium RCL is listed value for Chromium III

Table 1: Soil Analytical Summary Table - REC C1-C5, C19
PAHs, TPH and Metals
Former Morgan Door
Oshkosh, Wisconsin

Sample Location	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	GW Protection Pathway [A]	GP-217			GP-241			GP-242			GP-301			GP-302			GP-304		
Sample Interval (ft bgs)				(3'-4')	(4'-5')	(11'-12')	(2'-3')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(10'-11')	(3'-4')	(4'-5')	(9'-10')	(3'-4')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(11'-12')
Sample Collection Date				12/13/2004			12/13/2004			12/8/2004			10/11/2005			10/11/2005			10/11/2005		
Polynuclear Aromatic Hydrocarbons (PAHs) [B] in ug/Kg																					
1-Methylnaphthalene	22,100	98,700	23,000	<380	<100	<2.7	470	<3.3	<2.8	14	14	<2.7	71	<6.3	<9.3	10	<3.5	<3.6	9.6	<9.1	200
2-Methylnaphthalene	313,000	368,000	20,000	<540	<150	<3.8	640	<4.6	<4.0	17	27	<3.8	94	<6.5	15	13	<3.7	<3.7	11	<9.4	290
Acenaphthene	3,440,000	33,000,000	3,800	490	170	<1.9	76	<2.3	<1.9	40	6.4	<1.9	240	<6.2	<9.1	<6.9	<3.5	<3.5	<8.5	<9.0	350
Acenaphthylene	487,000	487,000	700	4,100	810	<6.6	60	<7.9	<6.8	<5.9	<5.9	<6.5	140	<6.0	<8.8	<6.7	<3.4	<3.4	<8.2	<8.7	1,200
Anthracene	17,200,000	100,000,000	3,000,000	6,500	1,600	9.6	230	<3.1	<2.6	110	2.9	<2.5	350	18	15	<8.3	<4.2	<4.2	14	<11	3,100
Benzo(a)anthracene	148	2,110	17,000	**31,000**	**7,500**	34	*530*	<18	<15	*200*	<13	<15	*1,300*	81	45	21	<6.2	<6.3	49	<16	**14,000**
Benzo(a)pyrene	15	211	48,000	**42,000**	**12,000**	*49*	**540**	<14	<12	*150*	<11	<12	**1,800**	*84*	*62*	*25*	<3.4	<3.4	*54*	<8.7	**16,000**
Benzo(b)fluoranthene	148	2,110	360,000	**38,000**	**11,000**	38	*510*	<12	<10	130	<8.7	<9.6	*1,900*	73	73	27	<3.3	<3.3	47	<8.5	**15,000**
Benzo(ghi)perylene	--	39,000	6,800,000	29,000	7,600	29	180	<7.9	<6.8	63	<5.9	<6.5	390	32	39	10	<4.2	<4.2	26	<11	4,900
Benzo(k)fluoranthene	1,480	39,000	870,000	*36,000*	*9,100*	50	440	<16	<13	120	<12	<13	*1,700*	77	72	25	<3.6	<3.6	47	<9.2	*13,000*
Chrysene	14,800	211,000	37,000	*37,000*	9,100	46	490	<16	<14	170	<12	<13	1,400	85	72	27	<5.1	<5.2	56	<13	14,000
Dibenzo(a,h)anthracene	15	211	38,000	**6,400**	**1,800**	<3.9	*62*	<4.7	<4.1	*20*	<3.5	<3.9	*140*	11	13	<6.4	<3.2	<3.3	8.2	<8.3	**1,700**
Fluoranthene	2,290,000	22,000,000	500,000	82,000	16,000	80	1,000	<14	<12	430	<10	<11	2,400	160	60	46	<3.4	<3.4	110	<8.7	27,000
Fluorene	2,290,000	22,000,000	100,000	2,200	520	2.5	110	<1.9	<1.6	49	3.8	<1.6	290	8.1	<10	<8.0	<4.0	<4.1	9.7	<10	990
Indeno(1,2,3-cd)pyrene	148	2,110	680,000	**26,000**	**7,300**	27	*190*	<7.5	<6.5	66	5.6	<6.2	*480*	36	44	11	<2.9	<3.0	27	<7.6	**5,300**
Naphthalene	5,150	26,000	400	1,500	480	2.9	270	<3.5	<3.0	26	47	<2.9	340	<8.3	22	33	<4.7	<4.8	11	<12	910
Phenanthrene	115,000	16,500,000	1,800	24,000	5,300	22	1,100	<8.0	<6.9	400	13	<6.6	1,100	78	59	47	<3.5	<3.5	59	<8.9	8,900
Pyrene	1,720,000	30,000,000	8,700,000	57,000	13,000	60	860	<18	<15	310	13	<15	2,600	140	61	47	<2.9	<2.9	90	<7.4	28,000
Total Petroleum Hydrocarbons (TPH) [C] in mg/Kg																					
DRO	--	--	250	410	160	<4.1	61	<4.4	<4.5	7.5	5.4	<4.3	--	--	--	--	--	--	--	--	--
GRO	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals [D] in mg/Kg	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	PAL-based RCL [E]																		
Arsenic	10 [F]	--	10 [F]	*12*	4	3	--	--	--	2.3	2.5	3.3	2	<0.6	2.2	--	--	--	--	--	--
Barium	15,300	100,000	328 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	8	510	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	100,000 [G]	100,000 [G]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	400	800	--	220	*600*	10	120	19	12	8.1	6.7	6.8	57.9	8.4	5.3	--	--	--	--	--	--
Selenium	391	5,110	1 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	1.67 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	3.13	3.13	0.2 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

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Table 1: Soil Analytical Summary Table - REC C1-C5, C19
PAHs, TPH and Metals
Former Morgan Door
Oshkosh, Wisconsin

Sample Location	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	GW Protection Pathway [A]	GP-305			GP-306			GP-307			GP-308			GP-401			GP-402		
Sample Interval (ft bgs)				(2'-3')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(11'-12')
Sample Collection Date				10/12/2005			10/12/2005			10/12/2005			1/31/2006			1/31/2006			1/31/2006		
Polynuclear Aromatic Hydrocarbons (PAHs) [B] in ug/Kg																					
1-Methylnaphthalene	22,100	98,700	23,000	15	<5.0	120	5.6	150	<3.5	33	8.2	<3.7	--	--	--	7.3	<3.7	<5.7	56	7.8	<5.2
2-Methylnaphthalene	313,000	368,000	20,000	19	<5.1	170	8.8	220	<3.6	50	15	<3.8	--	--	--	11	<3.8	<5.9	61	8.1	<5.4
Acenaphthene	3,440,000	33,000,000	3,800	12	<4.9	140	<3.7	470	<3.4	14	<6.5	<3.6	--	--	--	6.7	<3.6	<5.6	8.1	<3.4	<5.1
Acenaphthylene	487,000	487,000	700	9.5	<4.7	1,000	<3.6	1,300	<3.3	72	15	<3.5	--	--	--	9.4	<3.5	<5.4	26	5.6	<5.0
Anthracene	17,200,000	100,000,000	3,000,000	33	<5.9	2,000	<4.4	4,100	9.3	110	19	<4.3	--	--	--	21	<4.3	<6.7	98	19	11
Benzo(a)anthracene	148	2,110	17,000	140	<8.7	**10,000**	8.9	**15,000**	51	*540*	69	6.8	--	--	--	78	<6.4	<10	*390*	93	21
Benzo(a)pyrene	15	211	48,000	**500**	<4.7	**12,000**	13	**17,000**	*56*	**640**	*75*	5.8	--	--	--	*93*	8.1	<5.4	**400**	*98*	12
Benzo(b)fluoranthene	148	2,110	360,000	*230*	<4.6	**11,000**	10	**17,000**	43	*610*	95	5.6	--	--	--	130	8.2	<5.3	*430*	120	24
Benzo(ghi)perylene	--	39,000	6,800,000	250	<5.9	4,700	5	5,400	36	250	30	4.8	--	--	--	34	4.4	<6.7	220	66	13
Benzo(k)fluoranthene	1,480	39,000	870,000	140	<5.0	*10,000*	12	*14,000*	51	520	91	5.4	--	--	--	82	5.6	<5.8	360	84	17
Chrysene	14,800	211,000	37,000	170	<7.2	11,000	8.6	14,000	50	570	78	7	--	--	--	120	12	9.5	400	100	26
Dibenzo(a,h)anthracene	15	211	38,000	*190*	<4.5	**1,600**	<3.4	**1,600**	9.9	*72*	<8.6	4.4	--	--	--	12	<3.3	<5.2	*71*	*16*	<4.8
Fluoranthene	2,290,000	22,000,000	500,000	180	<4.7	21,000	9.1	34,000	91	1,100	190	6.2	--	--	--	110	10	<5.4	810	200	50
Fluorene	2,290,000	22,000,000	100,000	15	<5.6	380	<4.2	1,000	<4.0	31	14	<4.1	--	--	--	5.5	<4.1	6.4	14	<3.9	<5.9
Indeno(1,2,3-cd)pyrene	148	2,110	680,000	*150*	<4.1	**5,100**	5.2	**5,800**	34	*260*	<10	4.7	--	--	--	20	<3.0	4.7	*210*	54	11
Naphthalene	5,150	26,000	400	62	<6.6	660	<5.0	800	<4.6	83	47	<4.9	--	--	--	8.8	<4.9	7.5	58	11	<6.9
Phenanthrene	115,000	16,500,000	1,800	140	<4.8	8,400	10	15,000	35	390	72	4.4	--	--	--	92	5.8	5.5	330	62	38
Pyrene	1,720,000	30,000,000	8,700,000	180	<4.0	20,000	9.7	36,000	81	1,200	210	5.9	--	--	--	360	24	20	770	190	45
Total Petroleum Hydrocarbons (TPH) [C] in mg/Kg																					
DRO	--	--	250	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
GRO	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Metals [D] in mg/Kg	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	PAL-based RCL [E]																		
Arsenic	10 [F]	--	10 [F]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Barium	15,300	100,000	328 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cadmium	8	510	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chromium	100,000 [G]	100,000 [G]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	400	800	--	--	--	--	--	--	--	--	--	--	5.8	87	28	*570*	19	11	39	250	--
Selenium	391	5,110	1 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Silver	--	--	1.67 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mercury	3.13	3.13	0.2 [E]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

<10 indicates not detected above the laboratory reporting limit of 10 ug/Kg

-- indicates data not available

Bold indicates detected above the Industrial Pathway

Italics indicates detected above the Non-industrial Pathway

Underline indicates detected above the Groundwater Pathway

A - Screening level values from Draft WDNR Publication RR-890: Soil RCL Determinations Using the US EPA Regional Screening Level Web Calculator for direct contact PAHs and metals/ WDNR Publication RR-519-97: Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance for GW protection pathway/NR 720 RCLs for DRO

B - PAHs per EPA 8270SIM Method

C - TPH per DRO and GRO Methods

D - Metals per EPA 6010/7470 Methods

E - PAL-based RCL from Central Property Site Investigation Report - Appendix B

F- WDNR determined that 10 mg/Kg for arsenic could be used as background for this property.

G - Chromium RCL is listed value for Chromium III

Table 2 - Summary of Soil Analytical Results - REC C1-C5, C19
VOCs
Former Morgan Door
Oshkosh, Wisconsin

Sample Location	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	Residual Contaminant Level [B]	GP-103			GP-105		GP-106			GP-107			GP-108			GP-109		GP-207			GP-208		GP-209		GP- 210			GP-211		GP-212			GP-213		
Sample Interval (ft bgs)				(2'-3')	(4'-5')	(9'-10')	(2'-3')	(4'-5')	(2'-3')	(4'-5')	(10'-11')	(3'-4')	(4'-5')	(11'-12')	(1'-2')	(4'-5')	(8'-9')	(3'-4')	(7'-8')	(2'-3')	(4'-5')	(11'-12')	(4'-5')	(11'-12')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(13'-14')	(2'-3')	(11'-12')	(3'-4')	(4'-5')	(9'-10')	(2'-3')	(4'-5')	(11'-12')
Sample Collection Date				9/19/03			9/18/2003		9/18/2003			9/12/03			9/18/2003			9/18/2003		12/9/2004			12/8/2004		12/8/2004		12/8/2004			12/9/2004		12/17/2004			12/8/2004		
Volatile Organic Compounds (VOCs) [C]																																					
1,1,1-Trichloroethane	640,000	640,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	753	3,690	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	1,480	7,340	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	4,720	23,700	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	342,000	1,190,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	48,900	151,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	22,100	98,700	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	89,800	219,000	--	<25	<25	<25	94	140	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	84	<25	<25	<25	<25	<25	<25	<25	2,500	280	<25
1,2-Dibromo-3-chloropropane	8	99	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane	47	230	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	376,000	376,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	609	3,030	4.9	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloropropane	1,330	6,620	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	182,000	182,000	--	<25	<25	<25	<25	58	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	52	<25	<25	<25	<25	<25	<25	<25	950	120	<25
1,3-Dichlorobenzene	297,000	297,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichloropropane	1,490,000	1,490,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	3,480	17,500	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	--	--	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorotoluene	--	--	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
4-Chlorotoluene	--	--	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Benzene	1,490	7,410	5.5	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	490	280	<25
Bromobenzene	354,000	679,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromodichloromethane	390	1,960	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	854	4,250	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chlorobenzene	392,000	761,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chlorodibromomethane	--	--	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloroethane	--	--	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloroform	423	2,130	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloromethane	171,000	720,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	156,000	2,040,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Dichlorodifluoromethane	135,000	571,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Diisopropyl Ether	2,260,000	2,260,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	7,470	37,000	2,900	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	52	<25	<25	<25	<25	<25	<25	<25	110	51	<25
Fluorotrichloromethane	--	--	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Hexachlorobutadiene	6,230	22,100	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	268,000	268,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	140	34	<25
Methylene Chloride	14,600	72,100	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methyl-tert-butyl-ether	59,400	293,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	5,150	26,000	400	<25	<25	<25	<25	41	<25	<25	<25	78	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	34	<25
N-Butylbenzene	108,000	108,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	264,000	264,000	--	<25	<25	<25	<25	33	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	420	84	<25
p-Isopropyltoluene	162,000	162,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	145,000	145,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	66	<25	<25
tert-Butylbenzene	183,000	183,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	663	3,120	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	818,000	818,000	1,500	51	<25	<25	<25	200	<25	50	50	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	50	<25	<25	<25	<25	<25	<25	<25	120	53	<25
trans-1,2-Dichloroethene	211,000	976,000	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trichloroethene	644	8,810	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Vinyl Chloride	67	2,030	--	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylene, o	258,000	258,000	4,100 [D]	<25	<25	<25	<25	35	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	100	<25	<25	<25	<25	<25	<25	<25	180	45	<25
Xylenes, m + p	258,000	258,000	4,100 [D]	<50	<50	<50	<50	<51	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<25	<50	<50	<50	<50	<50	170	<50	<50	<50	<50	<50	<50	<50	2,800	760	<50

Notes:
All values in ug/Kg (micrograms/Kilogram)
<10 indicates not detected above the laboratory reporting limit of 10 ug/Kg
-- indicates data not available
Bold indicates detected above the Industrial Pathway
Italics indicates detected above the Non-industrial Pathway
Underline indicates detected above the Groundwater Pathway
A - Screening level values from Draft WDNR Publication RR-890: Soil RCL Determinations Using the US EPA Regional Screening Level Web Calculator for direct contact
B - Screening level value from Wisconsin Administrative Code NR 720.09(4); Table 1: Residual Contaminant Levels Based on Protection of Groundwater
C- VOCs per EPA 8260 Method
D - Value is for total xylenes

Table 2 - Summary of Soil Analytical Results - REC C1-C5, C19
VOCs
Former Morgan Door
Oshkosh, Wisconsin

Sample Location	Non-Industrial Direct Contact Pathway [A]	Industrial Direct Contact Pathway [A]	Residual Contaminant Level [B]	GP-214		GP-215			GP-216		GP-217			GP-241			GP-242			GP-301			GP-302			GP-303		
Sample Interval (ft bgs)				(4'-5')	(11'-12')	(3'-4')	(4'-5')	(13'-14')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(11'-12')	(2'-3')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(10'-11')	(3'-4')	(4'-5')	(9'-10')	(3'-4')	(4'-5')	(11'-12')	(3'-4')	(4'-5')	(11'-12')
Sample Collection Date				12/8/2004		12/8/2004			12/8/2004		12/13/2004			12/13/2004			12/8/2004			10/11/2005			10/11/2005			10/11/2005		
Volatile Organic Compounds (VOCs) [C]																												
1,1,1-Trichloroethane	640,000	640,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	753	3,690	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	1,480	7,340	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	4,720	23,700	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethene	342,000	1,190,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	48,900	151,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	22,100	98,700	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	89,800	219,000	--	<25	<25	<25	<25	<25	74,000	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromo-3-chloropropane	8	99	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane	47	230	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	376,000	376,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	609	3,030	4.9	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloropropane	1,330	6,620	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	182,000	182,000	--	<25	<25	<25	<25	<25	23,000	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	297,000	297,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichloropropane	1,490,000	1,490,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	3,480	17,500	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	--	--	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2-Chlorotoluene	--	--	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
4-Chlorotoluene	--	--	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Benzene	1,490	7,410	5.5	<25	<25	<25	<25	<25	380	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromobenzene	354,000	679,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromodichloromethane	390	1,960	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	854	4,250	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chlorobenzene	392,000	761,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chlorodibromomethane	--	--	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloroethane	--	--	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloroform	423	2,130	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloromethane	171,000	720,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	156,000	2,040,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Dichlorodifluoromethane	135,000	571,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Diisopropyl Ether	2,260,000	2,260,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	7,470	37,000	2,900	<25	<25	<25	<25	<25	24,000	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Fluorotrichloromethane	--	--	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Hexachlorobutadiene	6,230	22,100	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	268,000	268,000	--	<25	<25	<25	<25	<25	2,600	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methylene Chloride	14,600	72,100	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methyl-tert-butyl-ether	59,400	293,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	5,150	26,000	400	<25	<25	<25	<25	<25	13,000	<25	59	<25	<25	42	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
N-Butylbenzene	108,000	108,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Propylbenzene	264,000	264,000	--	<25	<25	<25	<25	<25	11,000	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	162,000	162,000	--	<25	<25	<25	<25	<25	2,200	<25	<25	<25	<25	61	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	145,000	145,000	--	<25	<25	<25	<25	<25	1,200	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	183,000	183,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	663	3,120	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	818,000	818,000	1,500	<25	<25	<25	<25	<25	9,900	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	211,000	976,000	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trichloroethene	644	8,810	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Vinyl Chloride	67	2,030	--	<25	<25	<25	<25	<25	<310	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylene, o	258,000	258,000	4,100 [D]	<25	<25	<25	<25	<25	26,000	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes, m + p	258,000	258,000	4,100 [D]	<50	<50	<50	<50	<50	83,000	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50

Notes:
All values in ug/Kg (micrograms/Kilogram)
<10 indicates not detected above the laboratory reporting limit of 10 ug/Kg
-- indicates data not available
Bold indicates detected above the Industrial Pathway
Italics indicates detected above the Non-industrial Pathway
Underline indicates detected above the Groundwater Pathway
A - Screening level values from Draft WDNR Publication RR-890: Soil RCL Determinations Using the US EPA Regional Screening Level Web Calculator for direct contact
B - Screening level value from Wisconsin Administrative Code NR 720.09(4); Table 1: Residual Contaminant Levels Based on Protection of Groundwater
C- VOCs per EPA 8260 Method
D - Value is for total xylenes

Table 11: Summary of Groundwater Analytical Results - REC C1-C5, C19
PAHs, TPH, and Metals
Former Morgan Door
Oshkosh, Wisconsin

Sample Location	Preventative Action Limit [A]	Enforcement Standards [A]	GP 105	GP-107	GP-207	GP-208	GP-209	GP-210	GP-211	GP-212	GP- 213	GP-214	GP-215	GP-216	GP-217
Sample Collection Date			9/19/2003	9/17/2003	12/9/2004	12/9/2004	12/9/2004	12/8/2004	12/9/2004	12/22/2004	12/9/2004	12/8/2004	12/8/2004	12/9/2004	12/13/2004
Polynuclear Aromatic Hydrocarbons (PAHs) [B]															
1-Methylnaphthalene	--	--	1.3	0.029	<0.20	<0.02	<0.040	<2.2	0.044	0.79	0.078	<0.27	<0.25	6.5	<0.40
2-Methylnaphthalene	--	--	1.7	0.039	<0.23	<0.023	<0.045	<2.5	0.064	0.34	0.076	<0.31	<0.28	11	<0.46
Acenaphthene	--	--	<0.72	0.053	<0.19	<0.019	0.052	2.6	<0.039	0.086	<0.046	<0.26	<0.24	<1.9	<0.39
Acenaphthylene	--	--	<0.76	<0.019	0.3	0.052	0.07	4.1	0.092	0.074	0.059	0.59	0.46	<1.9	0.55
Anthracene	600	3,000	<0.8	0.038	0.3	0.046	0.076	7	0.11	0.019	0.055	0.37	0.58	<1.8	0.67
Benzo(a)anthracene	--	--	<0.48	0.092	1.7	0.16	0.31	22	0.54	<0.021	0.53	2.9	1.5	<2.0	3.1
Benzo(a)pyrene	0.02	0.2	<0.56	*0.062*	**2**	*0.18*	**0.34**	**20**	**0.55**	<0.019	**0.65**	**2.3**	**1.8**	<1.8	**3.8**
Benzo(b)fluoranthene	0.02	0.2	<0.52	*0.062*	**1.7**	*0.18*	**0.25**	**18**	**0.35**	<0.019	**0.44**	**2.1**	**1.9**	<1.8	**3.4**
Benzo(ghi)perylene	--	--	<0.64	0.15	1.4	0.19	0.21	14	0.42	<0.022	0.31	1.9	1.8	<2.1	2.4
Benzo(k)fluoranthene	--	--	0.85	0.052	1.3	0.17	0.22	14	0.32	<0.020	0.37	1.5	1.3	<1.9	2.9
Chrysene	0.02	0.2	<0.56	*0.09*	**1.5**	*0.15*	**0.26**	**19**	**0.41**	<0.017	**0.41**	**2**	**1.6**	<1.6	**3.1**
Dibenzo(a,h)anthracene	--	--	<0.64	0.11	0.34	0.048	0.062	3.2	0.091	<0.023	0.11	0.53	0.46	<2.2	0.69
Fluoranthene	80	400	<0.52	0.18	3	0.22	0.52	55	0.78	<0.017	0.57	3.8	3	<1.6	7.9
Fluorene	80	400	0.99	0.03	<0.22	<0.022	<0.044	3.5	<0.044	0.064	<0.051	<0.30	<0.27	<2.2	<0.44
Indeno(1,2,3-cd)pyrene	--	--	<0.84	0.12	1.2	0.16	0.18	11	0.27	<0.018	0.29	1.4	1.6	<1.7	2.3
Naphthalene	10	100	<0.96	0.041	<0.22	0.036	<0.045	<2.4	0.14	1.6	0.16	<0.31	<0.28	*24*	<0.45
Phenanthrene	--	--	1.2	0.066	0.89	0.099	0.24	26	0.27	0.092	0.17	0.9	1.1	<2.0	1.6
Pyrene	50	250	<0.68	0.22	2.8	0.24	0.45	41	0.88	<0.017	0.59	3.3	2.6	<1.6	5
Total Petroleum Hydrocarbons [C]															
DRO	--	--	360,000	--	600	1,000	1,500	620	310	--	390	140	710	640	300
GRO	--	--	180	--	--	--	--	--	--	--	--	--	--	--	--
Metals [D]															
Arsenic	1	10	**42**	*1.2*	--	--	--	--	--	--	--	--	<1.8	*2.9*	<1.8
Barium	400	2,000	390	150	--	--	--	--	--	--	--	--	--	--	--
Cadmium	0.5	5	<0.21	<0.24	--	--	--	--	--	--	--	--	--	--	--
Chromium	10	100	3.9	1.7	--	--	--	--	--	--	--	--	--	--	--
Lead	1.5	15	1.1	<0.096	<3.1	<1.5	<1.5	<1.5	<1.5	--	<1.5	<1.5	<1.5	<1.5	<1.5
Selenium	10	50	4.8	2.5	--	--	--	--	--	--	--	--	--	--	--
Silver	10	50	<0.097	*15*	--	--	--	--	--	--	--	--	--	--	--
Mercury	0.2	2	<0.030	<0.030	--	--	--	--	--	--	--	--	--	--	--

Notes:
All values in ug/L (micrograms/Liter)
<0.20 indicates not detected above the laboratory reporting limit of 0.20 ug/L
-- indicates data not available
Bold indicates detected above the Enforcement Standard
Italics indicates detected above the Preventative Action Limit
A - Screening level value from Wisconsin Administrative Code NR 140.10; Table 1: Public Health Groundwater Quality Standards
B - PAHs per EPA 8270SIM Method
C - TPH per DRO and GRO Methods
D - Metals per EPA6010/7470 Method

Table 11: Summary of Groundwater Analytical Results - REC C1-C5, C19
PAHs, TPH, and Metals
Former Morgan Door
Oshkosh, Wisconsin

Sample Location	Preventative Action Limit [A]	Enforcement Standards [A]	**GP-241**	**GP- 242**	**MW-101**	**MW 102**		**MW 103**		**MW 105**
Sample Collection Date			12/15/2004	12/8/2004	12/7/2005	12/7/2005	5/9/2012	12/7/2005	5/9/2012	12/7/2005
Polynuclear Aromatic Hydrocarbons (PAHs) [B]										
1-Methylnaphthalene	--	--	--	<0.02	0.73	0.029	<0.005	0.014	<0.005	0.06
2-Methylnaphthalene	--	--	--	<0.023	0.71	0.03	<0.0039	0.02	<0.0039	0.034
Acenaphthene	--	--	--	<0.02	0.088	0.065	<0.0045	0.021	<0.0045	<0.0082
Acenaphthylene	--	--	--	<0.02	<0.083	0.0087	<0.0036	<0.0081	<0.0036	<0.0081
Anthracene	600	3,000	--	<0.018	<0.12	0.03	<0.0057	0.018	<0.0057	<0.012
Benzo(a)anthracene	--	--	--	<0.02	<0.16	0.019	<0.0036	<0.016	<0.0036	<0.016
Benzo(a)pyrene	0.02	0.2	--	<0.018	<0.19	<0.018	<0.0029	<0.018	<0.0029	<0.018
Benzo(b)fluoranthene	0.02	0.2	--	<0.018	<0.16	0.017	<0.0034	<0.016	<0.0034	<0.016
Benzo(ghi)perylene	--	--	--	<0.021	<0.2	<0.019	<0.0048	<0.019	<0.0048	<0.019
Benzo(k)fluoranthene	--	--	--	<0.019	<0.2	<0.019	<0.0044	<0.019	<0.0044	<0.019
Chrysene	0.02	0.2	--	<0.017	<0.19	*0.021*	<0.0035	<0.019	<0.0035	<0.019
Dibenzo(a,h)anthracene	--	--	--	<0.022	<0.19	<0.019	<0.0032	<0.019	<0.0032	<0.019
Fluoranthene	80	400	--	<0.017	<0.16	0.065	<0.0044	0.025	<0.0044	<0.015
Fluorene	80	400	--	<0.022	0.1	0.045	<0.0048	0.0096	<0.0048	<0.0091
Indeno(1,2,3-cd)pyrene	--	--	--	<0.017	<0.19	<0.019	<0.0047	<0.019	<0.0047	<0.019
Naphthalene	10	100	--	<0.023	0.49	0.079	<0.0081	0.079	<0.0081	0.075
Phenanthrene	--	--	--	<0.021	0.21	0.049	<0.0081	0.034	<0.0081	<0.011
Pyrene	50	250	--	<0.016	<0.15	0.055	<0.0047	0.02	<0.0047	<0.015
Total Petroleum Hydrocarbons [C]										
DRO	--	--	--	<94	--	--	--	--	--	--
GRO	--	--	--	--	--	--	--	--	--	--
Metals [D]										
Arsenic	1	10	--	<1.8	**21**	*1.1*	<4.7	0.8	--	0.98
Barium	400	2,000	--	--	--	--	--	--	--	--
Cadmium	0.5	5	--	--	--	--	--	--	--	--
Chromium	10	100	--	--	--	--	--	--	--	--
Lead	1.5	15	<1.5	<1.5	0.67	<0.4	--	<0.4	--	<0.4
Selenium	10	50	--	--	--	--	--	--	--	--
Silver	10	50	--	--	--	--	--	--	--	--
Mercury	0.2	2	--	--	--	--	--	--	--	--

Notes:
All values in ug/L (micrograms/Liter)
<0.20 indicates not detected above the laboratory reporting limit of 0.20 ug/L
-- indicates data not available
Bold indicates detected above the Enforcement Standard
Italics indicates detected above the Preventative Action Limit
A - Screening level value from Wisconsin Administrative Code NR 140.10; Table 1: Public Health Groundwater Quality Standards
B - PAHs per EPA 8270SIM Method
C - TPH per DRO and GRO Methods
D - Metals per EPA6010/7470 Method

Table 12: Summary of Groundwater Analytical Results - REC C1-C5, C19
VOCs
Former Morgan Door
Oshkosh, Wisconsin

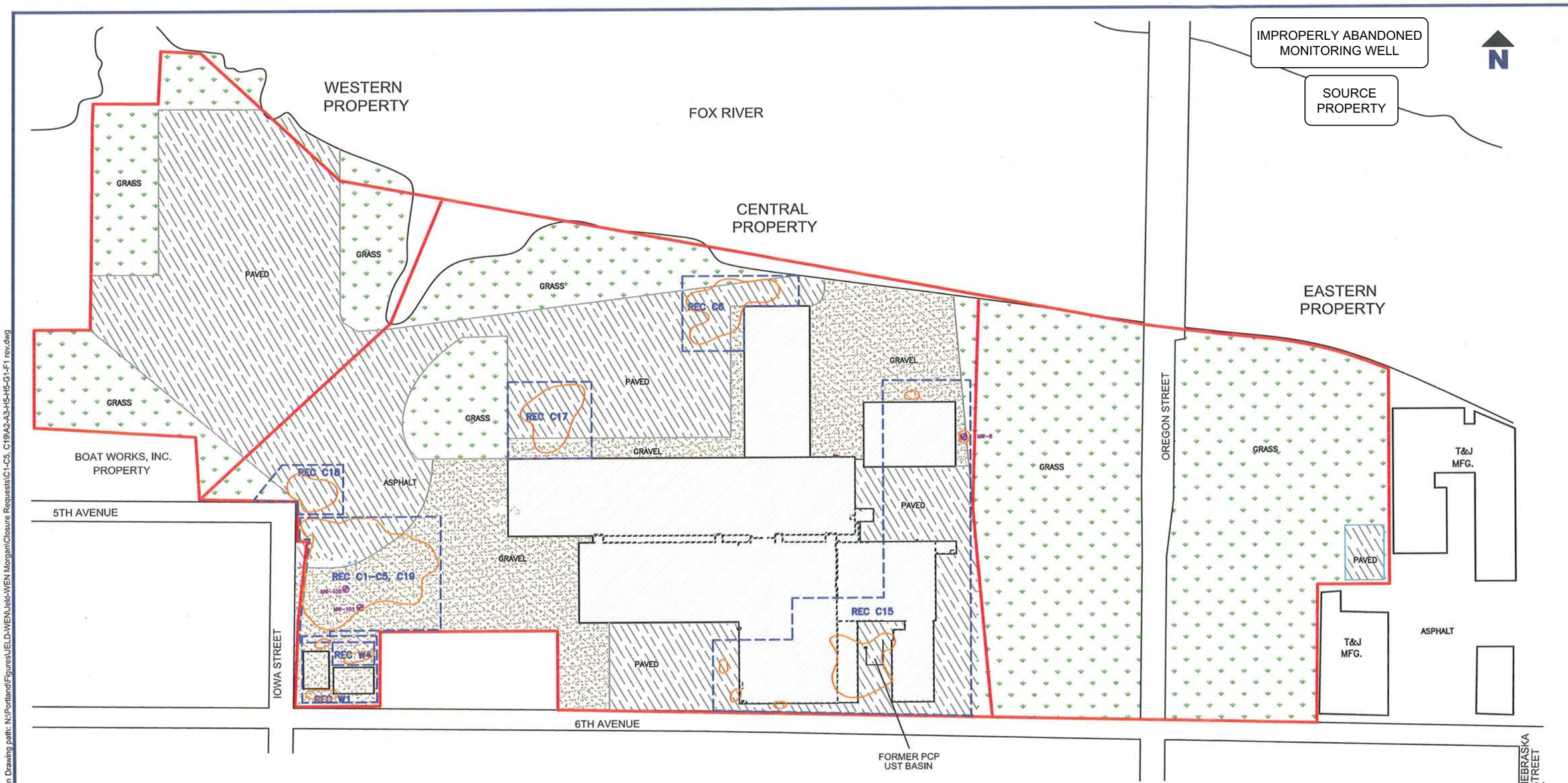
Sample Location	Preventative Action	Enforcement	GP 105	GP-107	GP-207	GP-208	GP-209	GP-210	GP-211	GP-212	GP- 213	GP-214	GP-215	GP-216	GP-217	GP-241	GP- 242	MW-101	MW
Sample Collection Date	Limit [A]	Standards [A]	9/19/2003	9/17/2003	12/9/2004	12/9/2004	12/9/2004	12/8/2004	12/9/2004	12/22/2004	12/9/2004	12/8/2004	12/8/2004	12/9/2004	12/13/2004	12/15/2004	12/8/2004	12/7/2005	12/7/2005
Volatile Organic Compounds (VOCs) [B]																			
1,1,1-Trichloroethane	40	200	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.9	<0.90	<0.90	<0.90	<.90	<0.90	<0.90	<0.90	<0.90	<0.90
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	0.5	5	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
1,1-Dichloroethane	85	850	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75
1,1-Dichloroethene	0.7	7	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57
1,2,3-Trichlorobenzene	--	--	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74
1,2,4-Trichlorobenzene	14	70	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
1,2,4-Trimethylbenzene	96	480	1.5	<0.97	3.6	<0.97	<0.97	<0.97	<0.97	<0.97	7.4	<0.97	<0.97	*100*	<0.97	<0.97	<0.97	1.1	<0.97
1,2-Dibromo-3-chloropropane	0.02	0.2	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
1,2-Dibromoethane	0.005	0.05	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
1,2-Dichlorobenzene	60	600	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
1,2-Dichloroethane	0.5	5	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,2-Dichloropropane	0.5	5	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,3,5-Trimethylbenzene	96	480	<0.83	<0.83	1.2	<0.83	<0.83	<0.83	<0.83	<0.83	2.3	<0.83	<0.83	20	<0.83	<0.83	<0.83	<0.83	<0.83
1,3-Dichlorobenzene	125	1,250	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
1,3-Dichloropropane	0.02	0.2	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
1,4-Dichlorobenzene	15	75	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
2,2-Dichloropropane	--	--	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62
2-Chlorotoluene	--	--	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
4-Chlorotoluene	--	--	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74
Benzene	0.5	5	*1.9*	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	**180**	<0.41	<0.41	**28**	<0.41	<0.41	<0.41	1.3	<0.41
Bromobenzene		--	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
Bromodichloromethane	0.06	0.6	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
Carbon Tetrachloride	0.5	5	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
Chlorobenzene	--	--	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Chlorodibromomethane	--	--	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
Chloroethane	80	400	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
Chloroform	0.6	6	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
Chloromethane	0.3	3	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	0.68	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene	7	70	*21*	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	*16*	<0.83
Dichlorodifluoromethane	200	1,000	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99
Diisopropyl Ether	--	--	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
Ethylbenzene	140	700	0.63	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	5.7	<0.54	<0.54	94	<0.54	<0.54	<0.54	<0.54	<0.54
Fluorotrichloromethane	698	3,490	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79
Hexachlorobutadiene	--	--	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67
Isopropylbenzene	--	--	<0.59	<0.59	0.86	<0.59	<0.59	<0.59	<0.59	<0.59	1.5	<0.59	<0.59	6.9	<0.59	<0.59	<0.59	<0.59	<0.59
Methylene Chloride	0.5	5	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	*1*	<0.43	<0.43	<0.43
Methyl-tert-butyl-ether	12	60	3	2	<0.61	<0.61	<0.61	<0.61	<0.61	<26	*18*	2.3	0.97	<0.61	7.7	<0.61	1.4	11	1.4
Naphthalene	10	100	2.1	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	*47*	<0.74	<0.74	<0.74	<0.74	<0.74
N-Butylbenzene	--	--	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93
n-Propylbenzene	--	--	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	2.1	<0.81	<0.81	20	<0.81	<0.81	<0.81	<0.81	<0.81
p-Isopropyltoluene	--	--	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	2.3	<0.67	<0.67	<0.67	<0.67	<0.67
sec-Butylbenzene	--	--	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
tert-Butylbenzene	--	--	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
Tetrachloroethene	0.5	5	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45
Toluene	200	1,000	46	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	9.6	<0.67	<0.67	50	<0.67	<0.67	<0.67	11	<0.67
trans-1,2-Dichloroethene	20	100	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89
Trichloroethene	0.5	5	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
Vinyl Chloride	0.02	0.2	**0.96**	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	**1.4**	<0.18
Xylene, o	1,000 [C]	10,000 [C]	1.7	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	3.6	<0.83	<0.83	66	<0.83	<0.83	<0.83	1	<0.83
Xylenes, m + p	1,000 [C]	10,000 [C]	1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	71	<1.8	<1.8	270	<1.8	<1.8	<1.8	<1.8	<1.8

Notes:
All values in ug/L (micrograms/Liter)
<0.20 indicates not detected above the laboratory reporting limit of 0.20 ug/L
-- indicates data not available
Bold indicates detected above the Enforcement Standard
Italics indicates detected above the Preventative Action Limit
A - Screening level value from Wisconsin Administrative Code NR 140.10; Table 1: Public Health Groundwater Quality Standards
B - VOCs per EPA 8260 Method
C - Value is for total xylenes

Table 12: Summary of Groundwater Analytical Results - REC C1-C5, C19
VOCs
Former Morgan Door
Oshkosh, Wisconsin

Sample Location	Preventative Action Limit [A]	Enforcement Standards [A]	**102**	**MW 103**		**MW 105**
Sample Collection Date			5/9/2012	12/7/2005	5/9/2012	12/7/2005
Volatile Organic Compounds (VOCs) [B]						
1,1,1-Trichloroethane	40	200	<0.90	<0.90	<0.90	<0.90
1,1,2,2-Tetrachloroethane	0.02	0.2	<0.20	<0.20	<0.20	<0.20
1,1,2-Trichloroethane	0.5	5	<0.42	<0.42	<0.42	<0.42
1,1-Dichloroethane	85	850	<0.75	<0.75	<0.75	<0.75
1,1-Dichloroethene	0.7	7	<0.57	<0.57	<0.57	<0.57
1,2,3-Trichlorobenzene	--	--	<0.74	<0.74	<0.74	<0.74
1,2,4-Trichlorobenzene	14	70	<0.97	<0.97	<0.97	<0.97
1,2,4-Trimethylbenzene	96	480	<0.97	<0.97	<0.97	<0.97
1,2-Dibromo-3-chloropropane	0.02	0.2	<0.87	<0.87	<0.87	<0.87
1,2-Dibromoethane	0.005	0.05	<0.56	<0.56	<0.56	<0.56
1,2-Dichlorobenzene	60	600	<0.83	<0.83	<0.83	<0.83
1,2-Dichloroethane	0.5	5	<0.36	<0.36	<0.36	<0.36
1,2-Dichloropropane	0.5	5	<0.46	<0.46	<0.46	<0.46
1,3,5-Trimethylbenzene	96	480	<0.83	<0.83	<0.83	<0.83
1,3-Dichlorobenzene	125	1,250	<0.87	<0.87	<0.87	<0.87
1,3-Dichloropropane	0.02	0.2	<0.61	<0.61	<0.61	<0.61
1,4-Dichlorobenzene	15	75	<0.95	<0.95	<0.95	<0.95
2,2-Dichloropropane	--	--	<0.62	<0.62	<0.62	<0.62
2-Chlorotoluene	--	--	<0.85	<0.85	<0.85	<0.85
4-Chlorotoluene	--	--	<0.74	<0.74	<0.74	<0.74
Benzene	0.5	5	<0.41	<0.41	<0.41	<0.41
Bromobenzene		--	<0.82	<0.82	<0.82	<0.82
Bromodichloromethane	0.06	0.6	<0.56	<0.56	<0.56	<0.56
Carbon Tetrachloride	0.5	5	<0.49	<0.49	<0.49	<0.49
Chlorobenzene	--	--	<0.41	<0.41	<0.41	<0.41
Chlorodibromomethane	--	--	<0.81	<0.81	<0.81	<0.81
Chloroethane	80	400	<0.97	<0.97	<0.97	<0.97
Chloroform	0.6	6	<0.37	<0.37	<0.37	<0.37
Chloromethane	0.3	3	<0.24	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene	7	70	<0.83	<0.83	<0.83	<0.83
Dichlorodifluoromethane	200	1,000	<0.99	<0.99	<0.99	<0.99
Diisopropyl Ether	--	--	<0.76	<0.76	<0.76	<0.76
Ethylbenzene	140	700	<0.54	<0.54	<0.54	<0.54
Fluorotrichloromethane	698	3,490	<0.79	<0.79	<0.79	<0.79
Hexachlorobutadiene	--	--	<0.67	<0.67	<0.67	<0.67
Isopropylbenzene	--	--	<0.59	<0.59	<0.59	<0.59
Methylene Chloride	0.5	5	<0.43	<0.43	<0.43	<0.43
Methyl-tert-butyl-ether	12	60	<0.61	<0.61	<0.61	1.4
Naphthalene	10	100	<0.74	<0.74	<0.74	<0.74
N-Butylbenzene	--	--	<0.93	<0.93	<0.93	<0.93
n-Propylbenzene	--	--	<0.81	<0.81	<0.81	<0.81
p-Isopropyltoluene	--	--	<0.67	<0.67	<0.67	<0.67
sec-Butylbenzene	--	--	<0.89	<0.89	<0.89	<0.89
tert-Butylbenzene	--	--	<0.97	<0.97	<0.97	<0.97
Tetrachloroethene	0.5	5	<0.45	<0.45	<0.45	<0.45
Toluene	200	1,000	<0.67	<0.67	<0.67	<0.67
trans-1,2-Dichloroethene	20	100	<0.89	<0.89	<0.89	<0.89
Trichloroethene	0.5	5	<0.48	<0.48	<0.48	<0.48
Vinyl Chloride	0.02	0.2	<0.18	<0.18	<0.18	<0.18
Xylene, o	1,000 [C]	10,000 [C]	<0.83	<0.83	<0.83	<0.83
Xylenes, m + p	1,000 [C]	10,000 [C]	<1.8	<1.8	<1.8	<1.8

Notes:
All values in ug/L (micrograms/Liter)
<0.20 indicates not detected above the laboratory reporting limit of 0.20 ug/L
-- indicates data not available
Bold indicates detected above the Enforcement Standard
Italics indicates detected above the Preventative Action Limit
A - Screening level value from Wisconsin Administrative Code NR 140.10; Table 1: l
B - VOCs per EPA 8260 Method
C - Value is for total xylenes



LEGEND

- PROPERTY BOUNDARY
- APPROXIMATE BOUNDARIES OF REC INVESTIGATION AREA
- SITE BUILDING
- CAP AREA
- MW-101 MONITORING WELLS "LOST" DURING BUILDING DEMOLITION ACTIVITIES AND ROAD RESURFACING

SLR

NOTES

BUILDING STATUS AS OF NOVEMBER 2003.
PROPERTY AREA BOUNDARIES ARE APPROXIMATE

0 150' 300' 450'

FORMER MORGAN MANUFACTURING FACILITY
228 WEST 6TH AVENUE AND 523 OREGON STREET
OSHKOSH, WISCONSIN

Drawing
PROPERTY MAP SHOWING APPROXIMATE BOUNDARIES OF REC INVESTIGATION AREAS

ATTACHMENT 6

Date	September 5, 2012	Scale	AS SHOWN	Fig. No.
File Name	A2-A3-H5-H5-G1-F1 rev	Project No.	108.00228.00039	3

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IMPROPERLY ABANDONED MONITORING WELL

SOURCE PROPERTY

/Wastewater ☐ Waste Management ☐
on/Redevelopment ☐ Other ☐

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

Facility/Project Name Former Morgan Manufacturing-Oshkosh, WI	Local Grid Location of Well ____ ft. ☐ N. ☐ S. ____ ft. ☐ E. ☐ W.	Well Name MW-101
Facility License, Permit or Monitoring No. 0	Local Grid Origin ☐ (estimated: ☐) or Well Location ☒ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No. OX476 / DNR Well Number
Facility ID 20955	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed 10/18/2005
Type of Well Well Code 11/mw	Section Location of Waste/Source ____ 1/4 of SE 1/4 of Sec. 23, T. 18 N, R. 16 ☒ E ☐ W	Well Installed By: (Person's Name and Firm) Craig Plant
Distance from Waste/Source ____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number ____ / Environmental Drilling Services, Inc.

A. Protective pipe, top elevation 750.72 ft. MSL

B. Well casing, top elevation 750.30 ft. MSL

C. Land surface elevation 750.7 ft. MSL

D. Surface seal, bottom 750.4 ft. MSL or 0.3 ft.

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

13. Sieve analysis attached? ☐ Yes ☒ No

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

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

16. Drilling additives used? ☒ Yes ☐ No

Describe None

17. Source of water (attach analysis, if required):
N/A

E. Bentonite seal, top 750.2 ft. MSL or 0.5 ft.

F. Fine sand, top 748.2 ft. MSL or 2.5 ft.

G. Filter pack, top 748.2 ft. MSL or 2.5 ft.

H. Screen joint, top 747.7 ft. MSL or 3.0 ft.

I. Well bottom 737.7 ft. MSL or 13.0 ft.

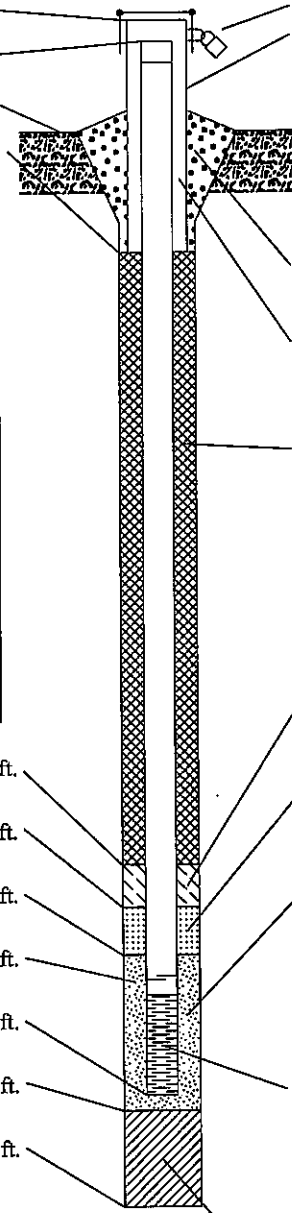
J. Filter pack, bottom 737.2 ft. MSL or 13.5 ft.

K. Borehole, bottom 737.2 ft. MSL or 13.5 ft.

L. Borehole, diameter 8.5 in.

M. O.D. well casing 2.37 in.

N. I.D. well casing 2.04 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 8.0 in.
b. Length: 1.0 ft.
c. Material: Steel ☒ 04
____ Other ☐
d. Additional protection? ☒ Yes ☐ No
If yes, describe: N

3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
____ Other ☐

4. Material between well casing and protective pipe:
Bentonite ☒ 30
____ Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☒ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. None
b. Volume added 0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Badger Minning, 20/40, 6.5 50# bags
b. Volume added 3.5 ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
____ Other ☐

10. Screen material: Schedule 40 PVC
a. Screen Type: Factory cut ☒ 11
Continuous slot ☐ 01
____ Other ☐
b. Manufacturer Johnson 10 slot
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.

11. Backfill material (below filter pack): None ☒ 14
____ Other ☐

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

Signature	Firm Bay West, Inc. 5 Empire Drive St. Paul, MN 55103	Tel: 651-291-0456 Fax: 651-291-0099

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