Continuing obligations no longer apply.
See BOTW for further information.

GIS REGISTRY INFORMATION

SITE NAME: AMERICAN TOY & FURNITURE

BRRTS #: 02-45-000563 **FID # (if appropriate):**

COMMERCE # (if appropriate):

CLOSURE DATE: 12/14/2005

STREET ADDRESS: 825 WEST MAIN ST

CITY: HORTONVILLE

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): **X=** 627380 **Y=** 430211

CONTAMINATED MEDIA: Groundwater [ ] Soil [ ] Both [X]

OFF-SOURCE GW CONTAMINATION >ES: [ ] **Yes** [x] **No**

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): **X=** **Y=**

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): [ ] **Yes** [x] **No**

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): **X=** **Y=**

CONTAMINATION IN RIGHT OF WAY: [ ] **Yes** [x] **No**

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	X
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	X
County Parcel ID number, *if used for county*, for all affected properties #120061700, 240024317, 240024301, 240031200	X
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy*)*. The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	X
GW: Table of water level elevations, with sampling dates, and free product noted if present (SEE GW TABLES)	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour (NOT DEFINED)	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	NA
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	NA
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	X
Copy of any maintenance plan referenced in the deed restriction.	X

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald W. Kaczmierczak, Regional Director

Oshkosh Service Center
625 East County Road Y, STE. 700
Oshkosh, WI 54901-9731
TELEPHONE 920-424-3050
FAX 920-424-4404

December 14, 2005

WDNR ERP Case #: 02-45-000563
WDNR VPLE Case #: 06-45-307856

Michael Hendrick
Outagamie County
410 South Walnut Street
Appleton, WI 54911

SUBJECT: Final Case Closure By Project Manager with Conditions Met for American Toy & Furniture, 825 West Main Street, Hortonville, WI

Dear Mr. Hendrick:

On January 11, 2005, the Northeast Regional Closure Committee ("the Committee") reviewed your request for closure of the chlorinated case described above. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On February 8, 2005, you were notified that conditional closure was granted to this case.

On December 13, 2005, the Department received correspondence indicating that you have complied with the conditions of closure. Specifically, the Department received documentation of well abandonment on May 19, 2005 (MW-2, MW-3, MW-4, MW-6, MW-7, MW-8, MW-9 and TW-4) and a copy of the filed deed restriction on December 13, 2005. Based on the correspondence and data provided, it appears your chlorinated case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

LONG-TERM MONITORING OF REMAINING WELLS AND ANNUAL REPORTING

In the *Long-Term Monitoring Plan* submitted by OMNNI Associates (OMNNI) and dated November 30, 2004, OMNNI proposes to maintain monitoring wells, MW-1, MW-5, TW-2 and TW-3 for long-term annual monitoring in May or June under the Voluntary Party Liability Exemption (VPLE) Program. At a minimum, these wells must be inspected annually. When long-term monitoring is discontinued, the four remaining wells must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources.

FUTURE EXCAVATION OF RESIDUAL CONTAMINATED SOIL

Residual soil contamination remains at GP-17 (tetrachloroethene), B-7, B-8 and B-15 (chromium) as indicated in the information submitted to the Department of Natural Resources. If soil in these specific locations is excavated in the future, the property owner at the time of excavation will be required to sample and analyze the excavated soil to determine whether the contamination still remains. 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 at the time of excavation. **Special precautions may need to be taken during excavation activities to prevent a direct contact health threat to humans.** Based upon the results of sample analysis, the current owner will also have to properly store, treat, or dispose of any excavated materials, in accordance with state and federal laws.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites for soil contamination remaining at GP-17, B-7, B-8 and B-15 and groundwater contamination remaining at TW-2, TW-3 and MW-5. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry and you intend to construct or reconstruct a well, you will need Department approval. Department approval is required before construction or reconstruction of a well on a property listed on the GIS Registry, in accordance with s. NR 812.09(4)(w). To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at the web address listed above.

Your site was closed with the requirement that a deed restriction be recorded at the county Register of Deeds office, and that maintenance of the existing building be conducted as described in the maintenance and inspection plan, dated February 17, 2005. The purpose of the deed restriction is to maintain a surface barrier over the area of TW-3 to prevent existing groundwater contamination from migrating due to the infiltration of precipitation. The maintenance plan and inspection log are to be kept up-to-date and retained by the property owner, and the inspection log need only be submitted to the Department upon request. A copy of the deed restriction and the referenced maintenance plan can be found in the Department's regional files, or they can be viewed on the GIS Registry for this site, at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (920) 424-7887.

Sincerely,

Jennifer Borski
Hydrogeologist
Bureau for Remediation & Redevelopment

Paper Copy: Barry Jennerjohn, 825 W. Main St., PO Box 274, Hortonville, WI 54944

Electronic Copy:
Brian Wayner, OMNNI
Tom Verstegen, Commerce (Re: WDNR BRRTS #: 03-45-245541, Commerce #: 54944-9409-25).

1690467

Recorded
DEC. 01,2005 AT 09:06AM
OUTAGAMIE COUNTY
JANICE FLENZ
REGISTER OF DEEDS
Fee Amount: $19.00

Document No.

DEED RESTRICTION
Document Title

(Recording Area)

Declaration of Restrictions

In Re: Parcel No.3 as described in Doc. No. 1269214 of the Outagamie County Register of Deeds office.
(See attached Figure 2, "Site Detail Map").

STATE OF WISCONSIN)
) ss.
COUNTY OF OUTAGAMIE)

(Name and Address)
Joseph P. Guidote, Jr., Corporation Counsel
Outagamie County Corporation Counsel
410 South Walnut Street
Appleton WI 54911

19 M (5)

WHEREAS, Outagamie County is the owner of the above-described property.

240031200
Parcel Identification No. (PIN)

WHEREAS, one or more chlorinated discharges have occurred on this property, and as of April 15, 2004 when groundwater samples were collected on this property, chlorinated contamination remained on this property at the following location: temporary well, TW-3, as shown on attached Figure 3, "Suspected Spill Area Detail." Unsaturated soil samples were not collected in this location.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further remediation activities on the property at the present time.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

The building that existed on the above-described property at TW-3 on the date that this restriction was signed forms a barrier that 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. Admin. Code. The required cap shall be maintained on the above-described property in the location of TW-3, shown on the attached map, labeled Figure 3, "Suspected Spill Area Detail" unless another barrier that reduces infiltration to the greatest extent practicable is installed and maintained in its place. The existing cap, and any replacement barrier, shall be maintained on the above-described property in compliance with the "Cap Maintenance Plan" dated February 17, 2005, that was submitted to the Wisconsin Department of Natural Resources by Outagamie County and Jennerjohn, LLC as required by section NR 724. 13 (2), Wis. Admin. Code (October 1999). If soil that remains on the property in the location described above is excavated in the future, the soil must be sampled and analyzed, may be considered solid or hazardous waste if residual contamination remains and must be stored, treated and disposed in compliance with applicable statutes and rules.

In addition, the following activities are prohibited on any portion of the above-described property where a cap is required unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or

its successor or assign: (1) Replacement with another barrier; (2) Excavating or grading of the land surface; (3) Filling on capped or paved areas; (4) Plowing for agricultural cultivation; and (5) Construction or placement of a building or other structure in an area where a cap is required.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all person acquiring the above-described property whether by descent, devise, purchase or otherwise. The restriction inures to the benefit of and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

Dated this OUTAGAMIE COUNTY 23 day of November, 2005.

Robert N. Paltzer, Jr., County Executive

Nancy Christensen, County Clerk

Cliff Sanderfoot, County Board Chairman

AUTHENTICATION

Signature(s)_____

authenticated on_____

*_____

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

THIS INSTRUMENT DRAFTED BY:
Joseph P. Guidote, Jr., Corporation Counsel
Outagamie County

ACKNOWLEDGEMENT

STATE OF WISCONSIN)
)ss.
OUTAGAMIE COUNTY)

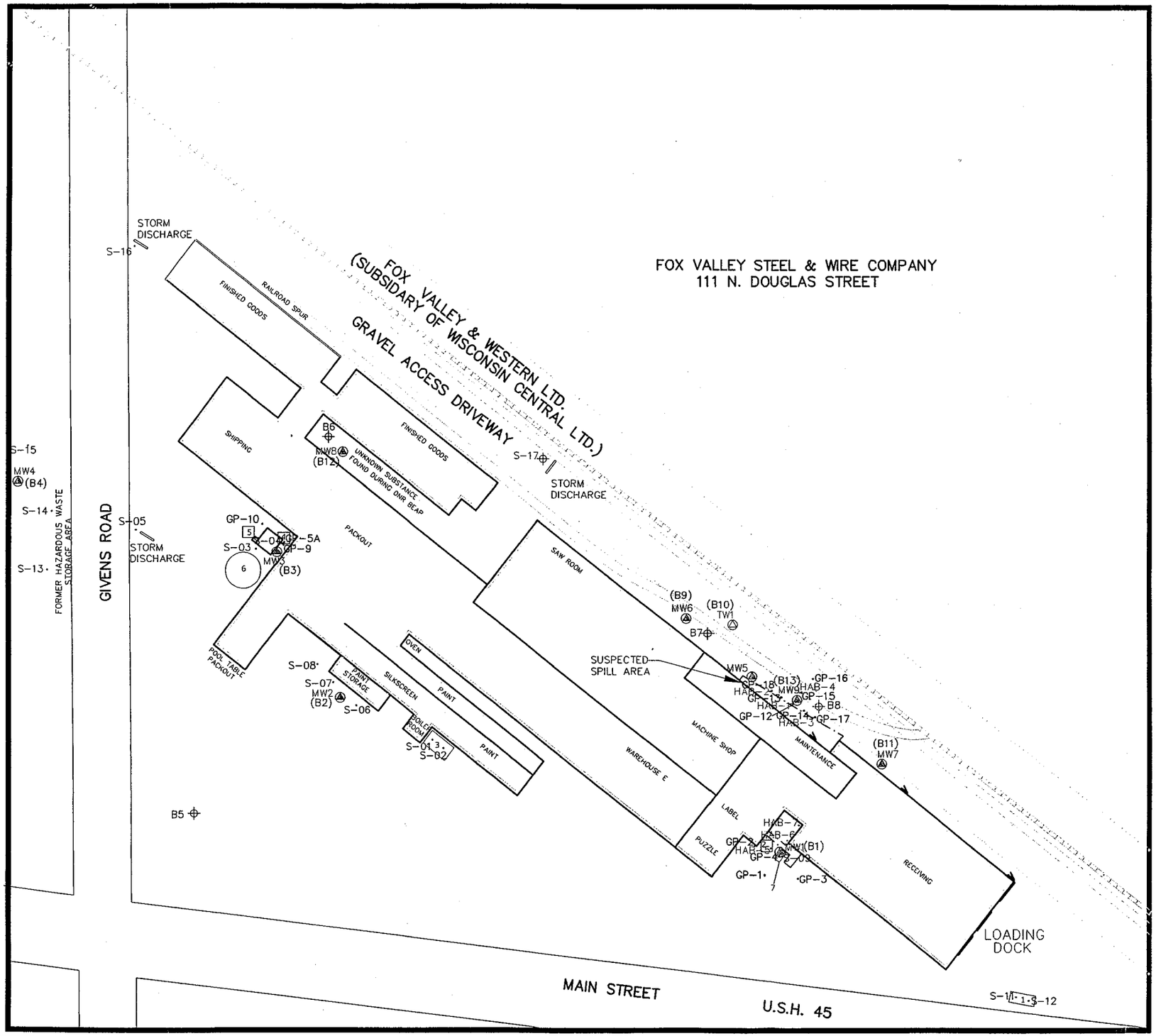
Personally came before me on November 23, 2005.
the above named Robert N. Paltzer, Cliff Sanderfoot and Nancy Christensen
to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

* Becky Meulemans
Notary Public, State of Wisconsin
My commission expires 9/23/07

DESCRIPTION: Part of the Northwest 1/4 of the Southwest 1/4 all in Section 35, Town 22 North, Range 15 East, Village of Hortonville, Outagamie County, Wisconsin, described as follows: Commencing at the West 1/4 corner of said Section 35; thence North 89°29'33" East, 33.00 feet to the point of beginning; thence South 0°55'19" East, along the East line of Givens Road, 38.23 feet; thence South 04°55'34" East, along the East line of Givens Road, 100.25 feet; thence South 0°55'19" East along the East line of Givens Road 400.00 feet; thence South 28°05'12" East, along the Northerly line of U.S.H. "45" a distance of 85.24 feet; thence South 84°12'56" East, along the Northerly line of U.S.H. "45" a distance of 1087.46 feet; thence North 53°29'48" West, along the Southwesterly line of the former Chicago and Northwestern Railroad, 215.00 feet; thence North 36°30'12" East, 3.00 feet; thence North 53°29'48" West, 240.00 feet; thence South 36°30'12" West, 3.00 feet; thence North 53°29'48" West, along the Southwesterly line of the former Chicago and Northwestern Railroad to the North line of said NW 1/4 of the SW 1/4; thence West along said North line to the point of beginning.

Parcel Identification Number 24-0-0312-00

Part of Parcel #3 Page 124



0' 20' 50' 100'

SCALE: 1" = 100'

LOCAL GRID NORTH

N

LEGEND:

TW1	Temporary Well Location and I.D. No.
MW1	Well Location and I.D. No.
B1	Soil Boring Location and I.D No.
S-17	Soil Boring Location and I.D No.
S-12	Soil Sample Location
	Rail Road
	Edge of Ditch
	Rail Road Right-of-Way
	Door
	Loading Dock Door
	3.5' High Loading Dock

Approximate Location of Tank

1. Former 550 Gallon Diesel UST
2. Former 550 Gallon Unleaded and Leaded UST
3. Former 10,000 Gallon Fuel Oil UST
4. Former 200 Gallon Diesel UST
5. Former 150 Gallon Gasoline Tank
6. 300,000 Gallon Water AST
7. Former 550 Gallon Gasoline UST

FIGURE 2
SITE DETAIL MAP

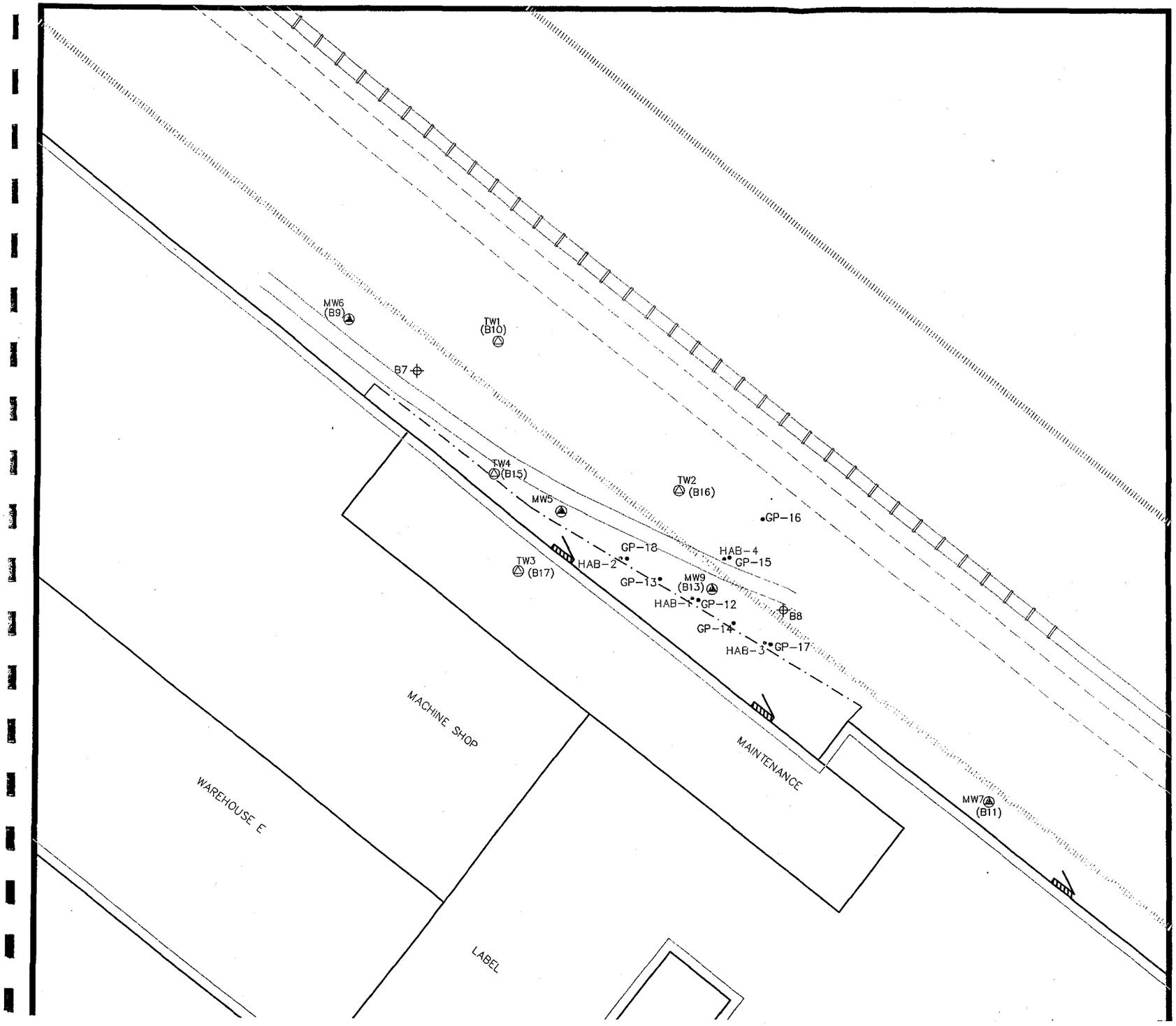
FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNI ASSOCIATES

ONE SYSTEMS DRIVE
APPLETON, WI 54914

PHONE (920) 735-6900
FAX (920) 830-6100

PROJECT MANAGER:	BDW	PROJECT NO:	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO:	N1666A2
DRAWN BY:	DLD	SCALE:	1" = 100'
REVIEWED BY:		DATE:	8/21/02



0' 8' 15' 30'

SCALE: 1" = 30'

LOCAL GRID NORTH

N

LEGEND:

- TW1 — Temporary Well Location and I.D. No.
- MW1 — Well Location and I.D. No.
- B1 — Soil Boring Location and I.D No.
- HAB-5 • — Hand Auger Boring Location and I.D No.
- GP-1 • — Geoprobe Soil Boring Location and I.D No.
- Rail Road
- Edge of Ditch
- Rail Road Right-of-Way
- Door
- 3.5' High Loading Dock

Notes:

GP-12 through GP-18 and HAB-1 through HAB-4 were sampled by McLaren/Hart Engineers Midwest, Inc. on May 5 & 6, 1994.
B7 and B8 were sampled by the Department of Natural Resources on June 30, 1998.
B9,B10 and B13 were sampled by OMNNI Associates on May 8, 2001.
B15 was sampled by OMNNI Associates on September 4, 2002.
B16 and B17 were sampled by OMNNI Associates on November 8, 2002.
Data points that were not installed by OMNNI Associates are approximate locations based on available information.

FIGURE 3
SUSPECTED SPILL AREA DETAIL

FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNNI ASSOCIATES
ONE SYSTEMS DRIVE
APPLETON, WI 54914
PHONE (920) 735-6900
FAX (920) 830-6100

PROJECT MANAGER:	BDW	PROJECT NO:	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO:	SITE
DRAWN BY:	DLD	SCALE:	1" = 30'
REVIEWED BY:		DATE:	3/24/03

Cap Maintenance Plan

Conducted For

Outagamie County and Jennerjohn, LLC

at the

Former American Toy & Furniture Property
825 Main Street
Hortonville, Wisconsin

Prepared by:
OMNNI Associates, Inc.
One Systems Drive
Appleton, WI 54914-1654
(T) 920/735-6900
(F) 920/830-6100
www.omnni.com

February 17 , 2005

TABLE OF CONTENTS

List of Appendices

GENERAL INFORMATION

The WDNR issued a conditional closure decision with requirements to achieve final closure correspondence on February 8, 2005, for the American Toy & Furniture site. A requirement for closure of the site was a maintenance plan for groundwater protection.

Project Title

American Toy & Furniture, Cap Maintenance Plan

Project Identification Numbers

Wisconsin Department of Natural Resources Bureau for Remediation and Redevelopment Tracking System (BRRTS) Numbers: 02-45-000563 (Environmental Repair Program), 03-45-245541 (Leaking Underground Storage Tank), 07-45-378958 (General Property), 06-45-307856 (Voluntary Party Liability Exemption), and 04-45-038191 (Historic Spill).

Wisconsin Department of Commerce Number: 54944-9409-25.

OMNNI Associates, Inc. Project Numbers: N1602A99 and N1666A01.

Purpose

The American Toy & Furniture facility was located in Hortonville, Wisconsin. Outagamie County, the current owner of the property, would like to have the environmental barriers removed from the site and ultimately see that the property is again fully utilized. The site is currently in the Voluntary Party Liability Exemption (VPLE) process. The realtor/developer of the property would like to work toward a Certificate of Completion (COC) for the property so that the property can become more attractive to potential businesses. Two areas on the site have remaining groundwater contaminant concentrations over the enforcement standards (ES) of s. NR 140.10 public health related groundwater standards, Wisconsin Administrative Code.

One of these areas, which is located around temporary monitoring well TW3, is covered by a portion of the facility. The building prevents surface water infiltration around temporary monitoring well TW3 and therefore acts as a cap. If surface water was allowed to infiltrate around temporary monitoring well TW3 the existing groundwater contaminant plume maybe effected.

Contact Information

The following are the primary contacts for the project:

Owner: Outagamie County, 410 South Walnut Street, Appleton, WI 54911-5936; (920) 832-5255. Contact: Mr. Michael Hendrick.

Developer: Jennerjohn LLC, P.O. Box 274, 825 Main Street, Hortonville, WI 54944; (920) 731-4548. Contact: Mr. Barry Jennerjohn.

Consultant: OMNNI Associates, Inc., One Systems Drive, Appleton, WI 54914-1654; (920) 735-6900. Contact: Mr. Brian Wayner.

Site Location

The former American Toy & Furniture property is located at 825 Main Street (US Highway 45), Hortonville, Wisconsin. (See Figure 1 – Site Location Map, Appendix 1.) The site is located in the NW 1/4 of the SW 1/4 of Section 35, T22N, R15E, Village of Hortonville, Outagamie County. The property to the south of the facility is residential. The land to the west and northwest of the facility is used for agricultural purposes. The property to the northeast of the facility is the Fox Valley Steel & Wire Company. A Canadian National Railway[1] line is located between the former American Toy & Furniture Facility and the Fox Valley Steel & Wire Company. The property is currently zoned General Industrial. Geographic coordinates of the site are 627380, 430211 and were obtained from the on-line GIS Registry of Closed Remediation Sites at a scale of 1:2,937 using the Wisconsin Transverse Mercater '91 (WTM) coordinate system.

CAP MAINTENANCE PLAN

Temporary monitoring well TW3 is located in a suspected spill area. The last sampling event (April 15, 2004) detected tetrachloroethene at a concentration of 11 µg/L. The groundwater ES for tetrachloroethene is 5 µg/L. Temporary monitoring well TW3 is located inside a maintenance area of the facility. (See Figure 2 – Groundwater Sampling Map, Appendix 1.) The structure around temporary monitoring well TW3 consists of concrete floor, interior and exterior walls and ceiling/roof.

Inspection and Maintenance Activities

Periodic inspection and maintenance of the existing building over temporary well TW3 will be conducted to verify that the building continues to provide a cap over the area that is equal to or better than conditions currently existing. Annual inspections will be conducted in May during the annual groundwater sampling event. Contingency inspections will also be conducted as needed after any sustained damage to the building near the area of temporary well TW3 or any major alterations to the building in this area. Maintenance personnel and/or groundwater sampling personnel will conduct all inspections and will report their findings to the property owner.

In general, inspections will include a visual inspection of all cracks or other defects in the concrete floor as well as the roof integrity in the area of temporary monitoring well

[1] The Fox Valley & Western, Ltd. was a subsidiary of Wisconsin Central, Ltd. Canadian National Railway purchased Wisconsin Central, Ltd. in 2001.

TW3. To the extent possible, excavation, alteration, and/or removal activities that could jeopardize the cover integrity will be discussed with the WDNR prior to implementing.

Inspection and Maintenance Reports

Reporting activities are intended to ensure that the inspections are adequately documented and that related data and information are provided to the WDNR, upon request. Personnel conducting the inspections will document their observations, any corrective actions taken, and/or routine maintenance that has taken place over the past year. (See Groundwater Protection Cap Inspection Form, Appendix 2.) The inspection and maintenance reports will be retained by the property owner.

STANDARD OF CARE

The conclusions presented in this plan were arrived at using generally accepted hydrogeologic and engineering practices. The conclusions presented herein represent our professional opinions, based on data collected at the time of the investigation, at the specific boring and sampling locations discussed in the investigation report. Conditions at other locations on the property may be different than described in the investigation. The scope of this plan is limited to the specific project and location described herein.

Prepared By: Brian D. Wayner

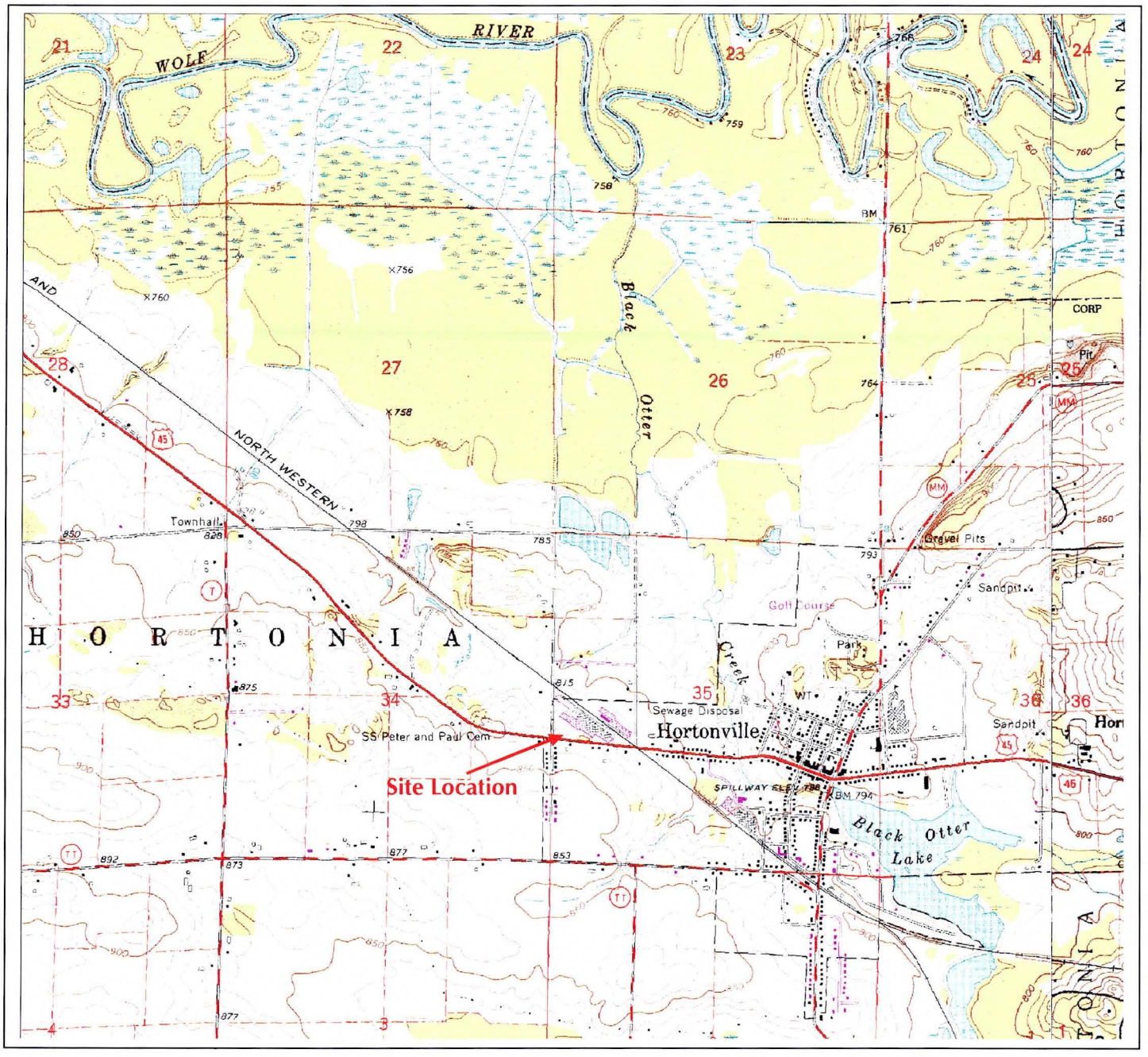
Brian D. Wayner, P.E.
Environmental Manager

DISTRIBUTION

Ms. Jennifer Borski
Project Manager – Hydrogeologist
Wisconsin Department of Natural Resources
625 East County Road Y, Suite 700
Oshkosh, Wisconsin 54901-9731

Mr. Barry Jennerjohn
P.O. Box 274
825 Main Street
Hortonville, WI 54944

Mr. Michael Hendrick
Director of Planning
Outagamie County
County Administration Building
410 S. Walnut Street
Appleton, WI 54911-5936



N

Figure 1
Site Location Map

Former American Toy & Furniture
825 Main Street
Hortonville, WI 54944-9409

OMNI ASSOCIATES

Project Number:
N1666A01

Date: 11/23/04

One Systems Drive, Appleton, Wisconsin 54914-1654
Phone: (920) 735-6900 Fax: (920) 830-6100

0' 15' 30'

SCALE: 1" = 30'

LOCAL GRID NORTH

N

LEGEND:

TW2 Temporary Well Location and I.D. No.

MW1 Well Location and I.D. No.

Rail Road

Edge of Ditch

Rail Road Right-of-Way

Door

3.5' High Loading Dock

FIGURE 2
GROUNDWATER SAMPLING MAP

FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNI ASSOCIATES

ONE SYSTEMS DRIVE
APPLETON, WI 54914

PHONE (920) 735-6900
FAX (920) 830-6100

PROJECT MANAGER:	BDW	PROJECT NO:	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO:	SITE2
DRAWN BY:	JCW	SCALE:	1" = 30'
REVIEWED BY:		DATE:	11/30/04

Groundwater Protection Cap Inspection Form

825 Main Street
Hortonville, Wisconsin

Personnel Conducting Inspection:

Inspection Date:

Photos Attached:
☐ Yes ☐ No

Visual Observations:

Corrective Actions Taken ☐ None required ☐ Yes, Explain:

Routine Maintenance ☐ None required ☐ Yes, Explain:

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald W. Kaczmierczak, Regional Director

Oshkosh Service Center
625 East County Road Y, STE. 700
Oshkosh, WI 54901-9731
TELEPHONE 920-424-3050
FAX 920-424-4404

February 8, 2005

WDNR ERP Case #: 02-45-000563
WDNR VPLE Case #: 06-45-307856

Michael Hendrick
Outagamie County
410 South Walnut Street
Appleton, WI 54911

SUBJECT: Conditional Closure Decision with Requirements to Achieve Final Closure
American Toy & Furniture, 825 West Main Street, Hortonville, WI

Dear Mr. Hendrick:

On January 11, 2005, the Northeast Regional Closure Committee ("the Committee") reviewed your request for closure of the case described above. The 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 Committee has determined that the chlorinated solvent contamination on the site from the loading dock area appears 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

In the *Long-Term Monitoring Plan* submitted by OMNNI and dated November 30, 2004, OMNNI Associates (OMNNI) proposes to maintain monitoring wells, MW-1, MW-5, TW-2 and TW-3 for long-term monitoring. The remaining monitoring wells at the site, MW-7, MW-9, MW-6, TW-1 and TW-4, must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources. When long-term monitoring is discontinued, the remaining monitoring wells must be properly abandoned and forms submitted to the Department as described above.

DEED RESTRICTION

To close this site, the Department requires that a deed restriction be signed and recorded. The purpose of the restriction is to maintain a surface barrier over the area of TW-3 to prevent existing groundwater contamination from migrating due to the infiltration of precipitation. The Department is currently drafting a deed restriction.

The draft restriction will be reviewed by our legal department and forwarded to you. After you have reviewed the draft document for completeness, you should have a representative for the property owner sign it and have it recorded by the Outagamie County Register of Deeds. Then submit a copy of the entire recorded document, with the recording information stamped on it, to me. Please be aware that if a deed restriction is recorded for the wrong property because of an inaccurate legal description that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office to correct the problem.

MAINTENANCE PLAN

As a condition of this closure, the existing building at the site at TW-3 must be maintained for groundwater protection. The cover is to be maintained in accordance with a plan prepared and submitted to the Department of Natural Resources pursuant to s. NR 724.13(2), Wis. Adm. Code. A maintenance plan must be submitted to complete the deed restriction. Please submit this maintenance plan within 30 days from the date of this letter for Department review.

When the above conditions have been satisfied your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites due to soil contamination remaining at former B-7, B-8, B-15 and GP-17 and groundwater contamination remaining at MW-5, TW-3 and TW-2. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit http://maps.dnr.state.wi.us/brrts.

EXCAVATION OF CONTAMINATED SOIL

Residual soil contamination remains at former B-7, B-8, B-15 and GP-17 as indicated in the information submitted to the Department of Natural Resources. If soil in these locations is excavated in the future, the property owner at that time will be required to sample and analyze the excavated soil in order to determine whether the contamination still remains. The owner will also have to properly store, treat, or dispose of any excavated materials, based upon the results of that characterization, and take special precautions during excavation activities to prevent a direct contact threat to humans. All future owners and occupants of this property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard at the time of excavation.

LONG-TERM MONITORING PLAN

It is the Department's understanding that Outagamie County and Jennerjohn, LLC intend to perform long-term monitoring at monitoring wells, MW-1, MW-5, TW-2 and TW-3 per the *Long-Term Monitoring Plan* submitted by OMNNI, dated November 30, 2004. The purpose of the monitoring is to identify if/when groundwater contamination decreases in concentration to below enforcement standards. Once this is achieved, it is understood that a Certificate of Completion (COC) will be requested through the Voluntary Party Liability Exemption (VPLE) process. A COC may also be requested prior to compliance with enforcement standards with purchase of environmental insurance through the VPLE process.

The Department understands that monitoring will occur until a COC is issued or the property is sold for redevelopment and that an annual monitoring report will be submitted to both the Departments of Natural Resources and Commerce. Please note that the Department of Natural Resources is not currently able to accept electronic submittals as they are not accessible to the public for review and a hard copy should be submitted.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at the number below.

Sincerely,

Jennifer Borski

Jennifer Borski
Hydrogeologist
Bureau for Remediation & Redevelopment
(920) 424-7887

Paper Copy: Barry Jennerjohn, 825 W. Main St., PO Box 274, Hortonville, WI 54944

Electronic Copy:
Brian Wayner, OMNNI
Tom Verstegen, Commerce (Re: WDNR BRRTS #: 03-45-245541, Commerce #: 54944-9409-25).

DOC. # 1269214

STATE OF WISCONSIN CIRCUIT COURT Branch V OUTAGAMIE COUNTY

OUTAGAMIE COUNTY
RECEIVED FOR RECORD

MAY - 1 1998

AT 3 O'CLOCK A.M. P.M.
GRACE HERB
REGISTER OF DEEDS

IN THE MATTER OF THE FORECLOSURE OF TAX LIENS PURSUANT TO SECTION 75.521 WISCONSIN STATUTES BY OUTAGAMIE COUNTY, LIST OF TAX LIENS FOR THE YEARS 1989 - 1996

Number 34

JUDGMENT

Case No. 98-CV-41

OUTAGAMIE COUNTY
FILED

MAY 01 1998

RUTH H. JANSSEN
CLERK OF COURTS

The above entitled action for foreclosure of tax liens by proceedings In Rem pursuant to the provisions of Section 75.521 of the Wisconsin Statutes, having come on to be heard before the Court; and

It appearing that proceedings to Foreclose Tax Liens by Outagamie County were commenced by filing List of Tax Liens, Number 34, dated the 13th day of January, 1998, with the Clerk of the Circuit Court, Branch No. V, for Outagamie County, pursuant to Section 75.521 of the Wisconsin Statutes.

It appearing that the necessary affidavits were made by Eldred Mullen, County Treasurer of Outagamie County, and that the necessary affidavit of publication was made by the authorized representative of the Appleton Post Crescent.

It appearing that Larry Liebzeit, an attorney at law, Appleton, Wisconsin, has been appointed Guardian Ad Litem in this matter pursuant to Wis. Stats. 75.521(12).

It appearing that the last day for the redemption of said tax liens has been fixed for March 30, 1998, the following list of lands remained unredeemed and affected by this Judgment:

PARCEL NO.

1 **DESCRIPTION:** Out Lot 1 of Certified Survey Map No. 1170 as filed in the Office of the Register of Deeds on January 17, 1992 in volume 8 of Certified Survey Maps, page 1170, as Document No. 1025471, being a part of the Northeast 1/4 of the Southeast 1/4 of Section 34, Township 22 North, Range 15 East, Village of Hortonville, Outagamie County, Wisconsin.
Parcel Identification No. 24-0-0243-17

2 **DESCRIPTION:** Part of the Northeast 1/4 of the Southeast 1/4, Section 34, Town 22 North, Range 15 East, Village of Hortonville, Outagamie County, Wisconsin, described as follows: Commencing at the East 1/4 corner of said Section 34; thence North 89°51'05" West, along the North line of said Southeast 1/4 a distance of 33.01 feet to the point of beginning; thence continuing North 89°51'05" West along the North line of said Southeast 1/4, a distance of 329.99 feet; thence South 0°55'19" East, 564.11 feet; thence South 87°34'23" East, along the North line of U.S.H. "45" a distance of 281.08 feet; thence North 36°50'54" East along the Northerly line of U.S.H. "45", a distance of 44.62 feet; thence North 0°55'19" West, along the West line of Givens Road 400.00 feet; thence North 11°29'07" East, along the West line of Givens Road 102.39 feet; thence North 0°55'19" West, along the West line of Givens Road, 39.09 feet to the point of beginning.
Parcel Identification Number 24-0-0243-01

3 **DESCRIPTION:** Part of the Northwest 1/4 of the Southwest 1/4 all in Section 35, Town 22 North, Range 15 East, Village of Hortonville, Outagamie County, Wisconsin, described as follows: Commencing at the West 1/4 corner of said Section 35; thence North 89°29'33" East, 33.00 feet to the point of beginning; thence South 0°55'19" East, along the East line of Givens Road, 38.23 feet; thence South 04°55'34" East, along the East line of Givens Road, 100.25 feet; thence South 0°55'19" East along the East line of Givens Road 400.00 feet; thence South 28°05'12" East, along the Northerly line of U.S.H. "45" a distance of 85.24 feet; thence South 84°12'56" East, along the Northerly line of U.S.H. "45" a distance of 1087.46 feet; thence North 53°29'48" West, along the Southwesterly line of the former Chicago and Northwestern Railroad, 215.00 feet; thence North 36°30'12" East, 3.00 feet; thence North 53°29'48" West, 240.00 feet; thence South 36°30'12" West, 3.00 feet; thence North 53°29'48" West, along the Southwesterly line of the former Chicago and Northwestern Railroad to the North line of said NW 1/4 of the SW 1/4; thence West along said North line to the point of beginning.
Parcel Identification Number 24-0-0312-00

4 **DESCRIPTION:** That part of the Southwest 1/4 of the Northwest 1/4 of Section 35, Township 22 North, of Range 16 East, in the Town of Hortonia, Outagamie County, Wisconsin, described as follows, viz: Beginning at a point 33 feet East of the West 1/4 corner of said Section 35 and on the East and West Quarter line of said Section 35;

thence North, parallel with the West line of said Section to the Southerly line of the right-of-way of the FRVR Corporation (formerly the Chicago and North Western Railway Company right-of-way); thence Southeasterly, along said right-of-way line to the East and West Quarter line of said Section 35; thence West along the East and West Quarter line of said Section 35 to the place of beginning.
Parcel Identification Number 12-0-0617-00

5 **DESCRIPTION**: All that part of Lot 7, Block 5, according to the Assessors Map of 1927, of the Village of Combined Locks, Outagamie County, Wisconsin, described as follows to wit: Beginning at a point 240 feet North and 120 feet West of the South East corner of said Lot 7, running thence West 60 feet, thence South 120 feet, thence East 60 feet, thence North 120 feet to the place of beginning.
Parcel Identification No. 23-0-0101-00

6 **DESCRIPTION**: All of Lot 6 in Block 1 of Tanner's Addition to the City of Kaukauna, Outagamie County, Wisconsin, and the South ½ of vacated 12th Street lying North of said Lot 6 and the North ½ of Vacated Alley lying South of said Lot 6.
Parcel Identification Number 32-3-0662-00

7 **DESCRIPTION**: Beginning 197 feet south of the Northwest corner of Lot 2, Block 11, According to the recorded Assessor's Plat of the City of Seymour, Outagamie County, Wisconsin; thence West 60 feet thence South 101 feet; thence East 60 feet; thence North to the point of beginning, being part of Lot 4, Block E, Assessor's Plat of the City of Seymour.
Parcel Identification Number 34-0-0565-00

8 **DESCRIPTION**: Lot Seven (7), HICKORY FARM SUBDIVISION, Town of Grand Chute, Outagamie County, Wisconsin, less and excepting the South 180 feet and the West 127.65 feet thereof.
Parcel Identification Number 10-2-1724-01

11 **DESCRIPTION**: Lot Seven (7), in Block Seven (7), in the Village of Medina, Outagamie County, Wisconsin.
Parcel Identification Number 06-0-0492-00

12 **DESCRIPTION**: Lots Eight (8) and Nine (9), in Block Seven (7), in the Village of Medina, Outagamie County, Wisconsin.
Parcel Identification Number 06-0-0493-00

without further notice to any party upon presentation of such Judgment to this Court.

IT IS THE FURTHER ORDER of the Court that Outagamie County, Wisconsin, is vested with an estate in fee simple absolute in all of the lands above described subject, however, to all unpaid

taxes and charges which are subsequent to the latest dated Tax Lien appearing on the List of Tax Liens, and to recorded restrictions.

IT IS THE FURTHER ORDER of the Court that all persons, both artificial and natural, including the State of Wisconsin, infants, incompetents, absentees and non-residents who may have had right, title, interest claim, lien or equity in such lands, and all persons claiming under or through them, or any of them from and after the last day fixed for redemption of said tax liens, are forever barred and foreclosed of such right, title, interest, claim, lien or equity of redemption.

Dated this 1st day of May, 1998.

By the Court:

MICHAEL W. GAGE
CIRCUIT COURT JUDGE

Ruth H. Janssen
Clerk of Courts
1 day of May A.D. 19 98
Ruth H. Janssen Clerk
Lynn Kettner Dep. Clerk

Return to -

Corporation Counsel

FORM NO. 985-A

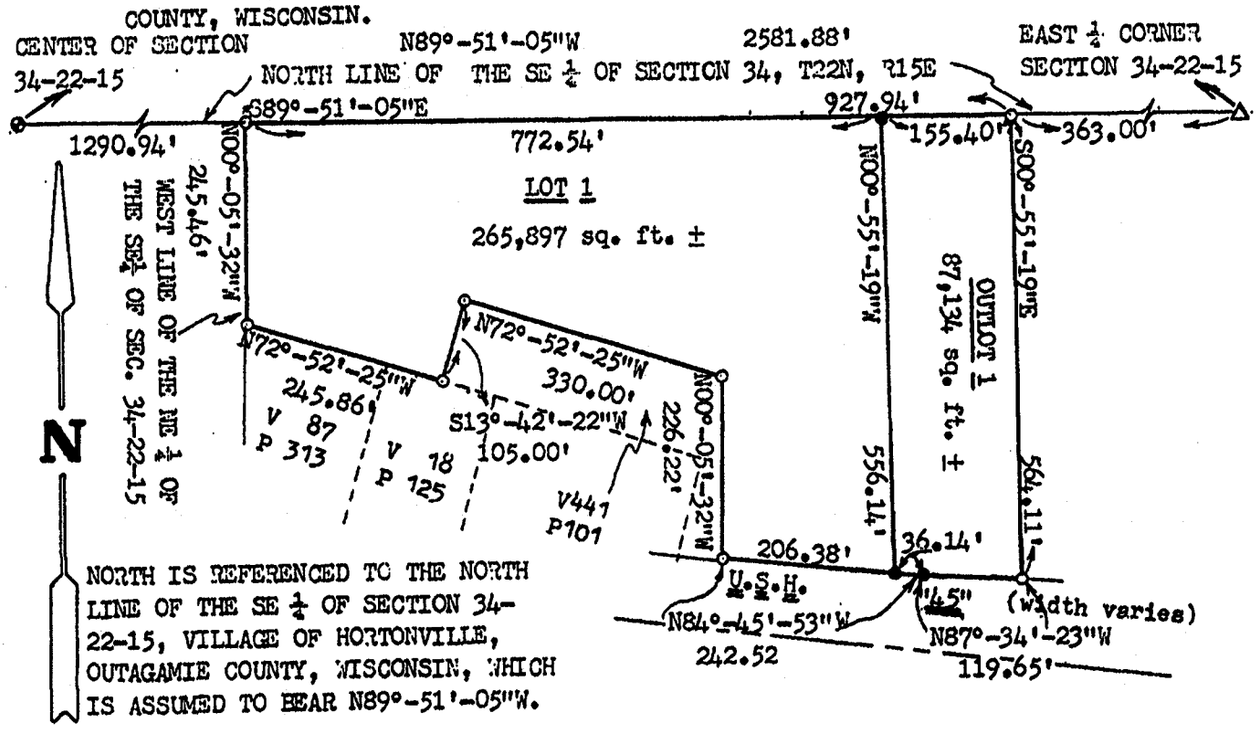
H.S. Miller

15/4 to 14/187 (1)

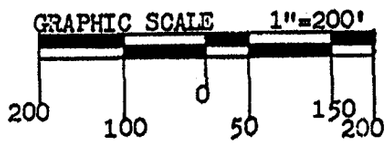
PAGE 1170 (two sheets)

CERTIFIED SURVEY MAP NO. 1170

BEING A PARCEL OF LAND LOCATED IN THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 34, TOWNSHIP 22 NORTH, RANGE 15 EAST, VILLAGE OF HORTONVILLE, OUTAGAMIE COUNTY, WISCONSIN.



NORTH IS REFERENCED TO THE NORTH LINE OF THE SE ¼ OF SECTION 34-22-15, VILLAGE OF HORTONVILLE, OUTAGAMIE COUNTY, WISCONSIN, WHICH IS ASSUMED TO BEAR N89°-51'-05"W.



LEGEND

- o =3/4" iron rebar found
- ● =D.O.T. marker found
- ⊕ =BERNTSEN MONUMENT
- △ =railroad spike found
- ● =3/4"x24" solid round iron rebar set, weighing 1.502 lbs. per lin. ft.

NOTE: OUTLOT 1 TO BE SOLD TO ADJOINING LAND OWNER

WISCONSIN
ROBERT F. REIDER
S-1251
APPLETON, WI
LAND SURVEYOR

Robert F. Reider 12-27-91

ROBERT F. REIDER RLS 1251 DATED

CAROW LAND SURVEYING CO., INC.
1837 W. WISCONSIN AVENUE P.O. BOX 1297
APPLETON, WISCONSIN 54912-1297
A917.24 rr ec CP 12-26-91

SHEET ONE OF TWO SHEETS

FORM NO. 985-A

H.C. Miller

PAGE 1170 (two sheets)

CERTIFIED SURVEY MAP NO. 1170

SURVEYOR'S CERTIFICATE:

I, ROBERT F. REIDER, REGISTERED WISCONSIN LAND SURVEYOR, CERTIFY THAT I HAVE SURVEYED, MAPPED AND DIVIDED PART OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 34, TOWNSHIP 22 NORTH, RANGE 15 EAST, VILLAGE OF HORTONVILLE, OUTAGAMIE COUNTY, WISCONSIN, BOUNDED AND DESCRIBED AS FOLLOWS: COMMENCING AT THE EAST 1/4 CORNER OF SECTION 34; THENCE N89°-51'-05"W, 363.00 FEET ALONG THE NORTH LINE OF THE SOUTHEAST 1/4 OF SECTION 34 TO THE POINT OF BEGINNING; THENCE S00°-55'-19"E, 564.11 FEET TO THE NORTHERLY LINE OF U.S.H. "45"; THENCE N87°-34'-23"W, 119.65 FEET ALONG SAID NORTHERLY LINE; THENCE N84°-45'-53"W, 242.52 FEET ALONG SAID NORTHERLY LINE TO THE EAST LINE OF LANDS DESCRIBED IN VOLUME 441, PAGE 101; THENCE N00°-05'-32"W, 226.22 FEET ALONG SAID EAST LINE TO THE NORTHERLY LINE OF SAID DESCRIBED LANDS; THENCE N72°-52'-25"W, 330.00 FEET ALONG SAID NORTHERLY LINE TO THE WESTERLY LINE OF SAID DESCRIBED LANDS AS OCCUPIED AND EVIDENCED; THENCE S13°-42'-22"W, 105.00 FEET ALONG SAID WESTERLY LINE TO THE NORTHERLY LINE OF LANDS DESCRIBED IN VOLUME 18, PAGE 125; THENCE N72°-52'-25"W, 245.86 FEET ALONG SAID NORTHERLY LINE AND THE NORTHERLY LINE OF LANDS DESCRIBED IN VOLUME 87, PAGE 313 TO THE WEST LINE OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 34; THENCE N00°-05'-32"W, 245.46 FEET ALONG SAID WEST LINE TO THE NORTH LINE OF THE OF THE SOUTHEAST 1/4 OF SECTION 34; THENCE S89°-51'-05"E, 927.94 FEET ALONG SAID NORTH LINE TO THE POINT OF BEGINNING. SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.

THAT I HAVE MADE SUCH SURVEY UNDER THE DIRECTION OF DON RADTKE, 125 MAIN STREET, WEYAUWEGA, WISCONSIN, 54983.

THAT THIS MAP IS A CORRECT REPRESENTATION OF THE EXTERIOR BOUNDARY LINES OF THE LAND SURVEYED.

THAT I HAVE FULLY COMPLIED WITH THE PROVISIONS OF CHAPTER 236.34 OF THE WISCONSIN STATUTES AND THE SUBDIVISION ORDINANCE OF THE VILLAGE OF HORTONVILLE.

WISCONSIN
ROBERT F. REIDER
S-1251
APPLETON, WI
LAND SURVEYOR

Robert F. Reider 12-27-91

ROBERT F. REIDER RLS 1251 DATED

CAROW LAND SURVEYING CO., INC.
P. O. BOX 1297, W. WISCONSIN AVENUE
APPLETON, WISCONSIN 54912-1297
A917.24 rr ec CP 12-26-91

VILLAGE BOARD APPROVAL:

WE HEREBY CERTIFY THAT THIS CERTIFIED SURVEY MAP WAS APPROVED BY THE VILLAGE BOARD OF THE VILLAGE OF HORTONVILLE ON THE 16th DAY OF January, 1992.

PRESIDENT DATED

CLERK 1-16-92 DATED

ENTERED

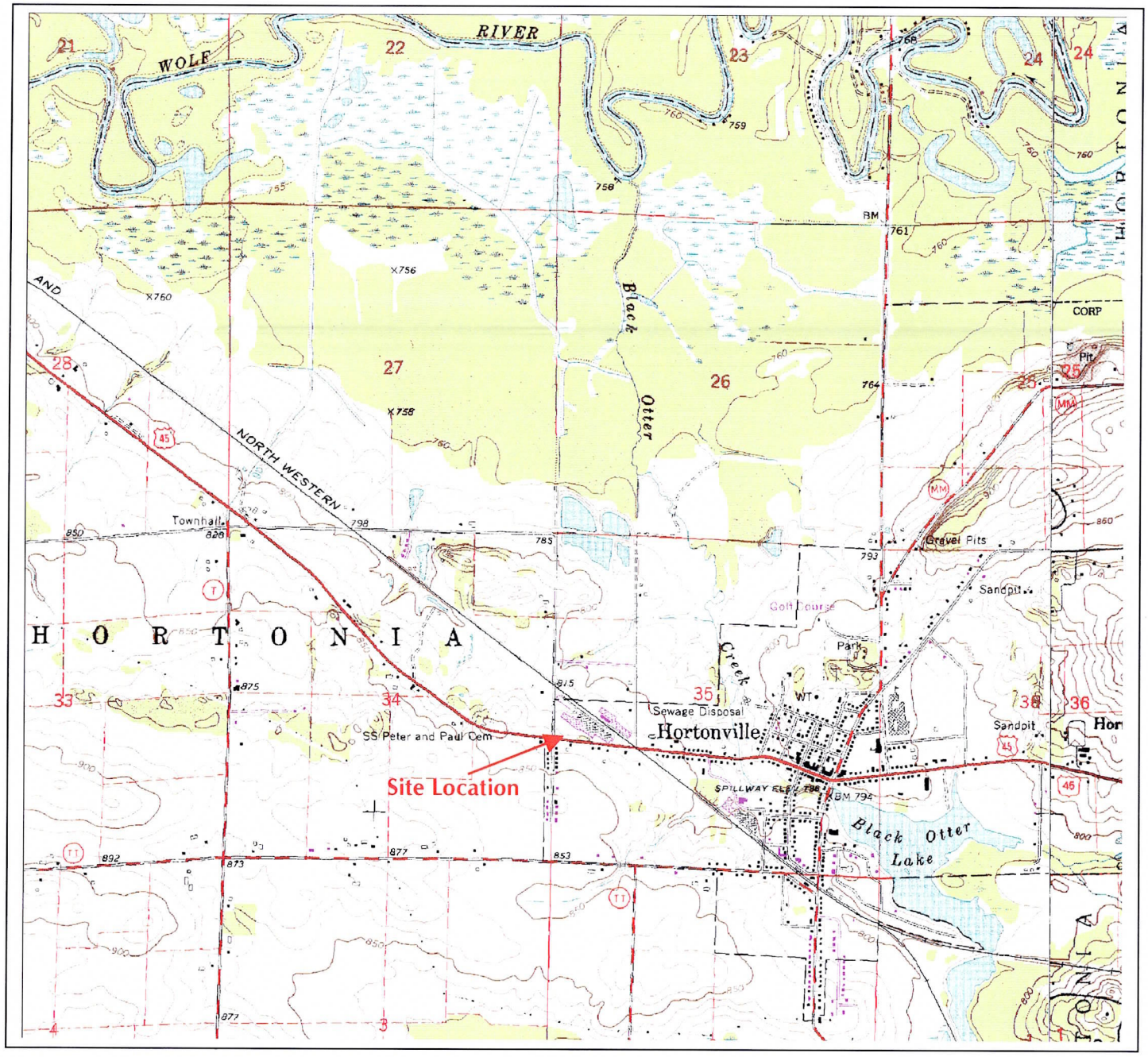
DOC. # 1025471

RECEIVED FOR FILING THIS 17th DAY OF JANUARY, 1992 AT 10:00 A.M.

AND FILED IN VOLUME 6 OF CERTIFIED SURVEY MAPS ON PAGE 1170 AS NUMBER 1170.

SHEET TWO OF TWO SHEETS Grace Herb
Register of Deeds

pd 12.00



N

Figure 1
Site Location Map

Former American Toy & Furniture
825 Main Street
Hortonville, WI 54944-9409

OMNI ASSOCIATES

Project Number:
N1666A01

Date: 11/23/04

One Systems Drive, Appleton, Wisconsin 54914-1654
Phone: (920) 735-6900 Fax: (920) 830-6100

FOX VALLEY STEEL & WIRE COMPANY
111 N. DOUGLAS STREET

CANADIAN NATIONAL RAILWAY
GRAVEL ACCESS DRIVEWAY
RAILROAD SPUR
STORM DISCHARGE
S-16
FINISHED GOODS
SHIPPING
FINISHED GOODS
B6
MW8
(B12)
UNKNOWN SUBSTANCE FOUND DURING DNR BEAP
S-17
STORM DISCHARGE
S-15
MW4
(B4)
S-14
FORMER HAZARDOUS WASTE STORAGE AREA
S-05
STORM DISCHARGE
S-13
GIVENS ROAD
GP-10
5
S-04
GP-5A
GP-9
S-03
6
(B3)
PACKOUT
SAW ROOM
(B9)
MW6
(B10)
TW1
B7
(B15)
TW4
MW5
(B16)
TW2
SUSPECTED SPILL AREA
TW3
(B17)
GP-18
GP-13
(B13)
MW9
GP-16
GP-15
B8
GP-12
GP-14
GP-17
MAINTENANCE
MACHINE SHOP
WAREHOUSE E
(B11)
MW7
POOL TABLE PACKOUT
B14
B18
S-08
S-07
MW2
(B2)
S-06
PAINT STORAGE
OVEN
SILKSCREEN
PAINT
BOILER ROOM
PAINT
S-01
3
S-02
LABEL
PUZZLE
GP-2
GP-4
S-09
(B1)
GP-1
7
GP-3
RECEIVING
B5
LOADING DOCK
MAIN STREET
U.S.H. 45
S-11
S-12

0' 20' 50' 100'
SCALE: 1" = 100'

LOCAL GRID NORTH
N

LEGEND:

- TW1 — Temporary Well Location and I.D. No.
- MW1 — Well Location and I.D. No.
- TW1 — Abandoned Temporary Well Location
- B1 — Soil Boring Location and I.D No.
- S-17 — Soil Boring Location and I.D No.
- S-12 — Soil Sample Location
- Rail Road
- Edge of Ditch
- Rail Road Right-of-Way
- Door
- Loading Dock Door
- 3.5' High Loading Dock

Approximate Location of Tank

1. Former 550 Gallon Diesel UST
2. Former 550 Gallon Unleaded and Leaded UST
3. Former 10,000 Gallon Fuel Oil UST
4. Former 200 Gallon Diesel UST
5. Former 150 Gallon Gasoline Tank
6. 300,000 Gallon Water AST
7. Former 550 Gallon Gasoline UST

FIGURE 2
SITE DETAIL MAP

FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNI ASSOCIATES
ONE SYSTEMS DRIVE
APPLETON, WI 54914
PHONE (920) 735-6900
FAX (920) 830-6100

PROJECT MANAGER:	BDW	PROJECT NO:	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO:	N1666A2
DRAWN BY:	DLD	SCALE:	1" = 100'
REVIEWED BY:		DATE:	4/21/2004

0' 8' 15' 30'

SCALE: 1" = 30'

LOCAL GRID NORTH

N

LEGEND:

- TW1 — Temporary Well Location and I.D. No.
- MW1 — Well Location and I.D. No.
- B1 — Soil Boring Location and I.D No.
- HAB–5 — Hand Auger Boring Location and I.D No.
- GP–1 — Geoprobe Soil Boring Location and I.D No.
- Rail Road
- Edge of Ditch
- Rail Road Right–of–Way
- Door
- 3.5' High Loading Dock

Notes:
GP-12 through GP-18 and HAB-1 through HAB-4 were sampled by McLaren/Hart Engineers Midwest, Inc. on May 5 & 6, 1994.
B7 and B8 were sampled by the Department of Natural Resources on June 30, 1998.
B9,B10 and B13 were sampled by OMNNI Associates on May 8, 2001.
B15 was sampled by OMNNI Associates on September 4, 2002.
B16 and B17 were sampled by OMNNI Associates on November 8, 2002.
Data points that were not installed by OMNNI Associates are approximate locations based on available information.

FIGURE 3
SUSPECTED SPILL AREA DETAIL

FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNNI ASSOCIATES

ONE SYSTEMS DRIVE
APPLETON, WI 54914

PHONE (920) 735–6900
FAX (920) 830–6100

PROJECT MANAGER:	BDW	PROJECT NO:	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO:	SITE
DRAWN BY:	DLD	SCALE:	1" = 30'
REVIEWED BY:		DATE:	3/24/03

Table 2 Groundwater Summary

	Detected VOCs / PVOCs (µg/L)																	
	Benzene	sec-Butyl benzene	n-Butyl benzene	1,1-dichloro ethene	cis-1,2-dichloro ethene	Ethyl benzene	Isopropyl benzene	p-Isopropyl toluene	Methylene Chloride	MTBE	Naphth alene	Tetrachloroe thene	Toluene	1,1,1-Trichloro ethane	Trichloro ethene	Trimethyl benzenes (total)	Vinyl Chloride	Xylenes (total)
NR 140 ES	5			7	70	700			5	60	40	5	1,000	200	5	480	0.2	10,000
NR 140 PAL	0.5			0.7	7	140			0.5	12	8	0.5	200	40	0.5	96	0.02	1,000
MW5 Top Well Screen (msl): 813.22 Length Well Screen (ft): 10																		
May-94	**14**	unk	unk	**19**	**91**	**3,000**	unk	unk	unk	unk	**45**	**9.2**	**28,000**	unk	4.8	unk	unk	**10,590**
7/14/98	<1000	unk	unk	<1000	unk	1,600 "B"	unk	unk	810 "JB"	unk	**42**	<1000	**12,000 "B"**	<1000	<1000	unk	<1000	*7,700 "B"*
11/1/99	<32	<34	<23	<34	<32	**1,200**	<34	<31	<29	<31	<88	<35	**5,700**	<45	<48	*240 "J"*	*<15*	*7,400*
5/25/01	0.28 "J"	0.94	3	*0.78*	2.9	51	0.69	2.2	<0.22	<0.46	1.1	<0.22	72	1.4	<0.24	6.2	<0.25	169
8/29/01	<21	<21	<13	<24	<21	66 "J"	<19	<16	<22	<46	<69	<22	**1,900**	<26	<24	<60	<25	450
11/8/02	<5.0	<12	<13	<11	*31 "Q"*	**930**	<13	<12	<9.4	<17	*15 "Q"*	<13	*920*	<13	<7.8	27 "Q"	<2.2	*3,400*
2/20/03	*1.3 "Q"*	<3.1	<3.2	<2.8	*23*	*680*	<3.3	<2.9	<2.4	<4.4	*15*	<3.2	110	<3.2	<2.0	52	<0.55	*2,240*
6/19/03	<4.1	<8.9	<9.3	<5.7	<8.3	*210*	<5.9	<6.7	<4.3	<6.1	<7.4	<4.5	**1,600**	<9.0	<4.8	38 "Q"	<1.8	*1,960*
9/18/03	<8.2	<18	<19	<11	<17	*410*	<12	<13	<8.6	<12	<15	<9.0	**4100 "E"**	<18	<9.6	23 "Q"	<3.6	*2,260*
4/15/04	<7.25	<5.25	<9.75	<9.75	<7.25	*372*	<4.75	<7.5	<17.5	<5	<15	<17.5	**1,960**	<4	<6.75	49 "J"	<5.25	*2,204*
MW6 Top Well Screen (msl): 812.85 Length Well Screen (ft): 10																		
5/25/01	<0.21	<0.21	<0.13	<0.24	<0.21	<0.22	<0.19	<0.16	<0.22	<0.46	<0.69	<0.22	<0.41	<0.26	<0.24	<0.60	<0.25	<0.69
8/29/01	<0.21	<0.21	<0.13	<0.24	<0.21	<0.22	<0.19	<0.16	<0.22	<0.46	<0.69	<0.22	<0.41	<0.26	<0.24	<0.60	<0.25	<0.69
11/8/02	<0.25	<0.62	<0.65	<0.56	<0.81	<0.53	<0.66	<0.58	<0.47	<0.87	<0.63	<0.63	<0.84	<0.65	<0.39	<1.33	<0.11	<1.83
MW7 Top Well Screen (msl): 814.47 Length Well Screen (ft): 10																		
5/25/01	<0.21	<0.21	<0.13	<0.24	<0.21	<0.22	<0.19	<0.16	<0.22	<0.46	<0.69	<0.22	<0.41	<0.26	<0.24	<0.60	<0.25	<0.69
8/29/01	<0.21	<0.21	<0.13	<0.24	<0.21	<0.22	<0.19	<0.16	<0.22	<0.46	<0.69	<0.22	<0.41	<0.26	<0.24	<0.60	<0.25	<0.69
MW9 Top Well Screen (msl): 812.68 Length Well Screen (ft): 10																		
5/25/01	<0.21	<0.21	<0.13	<0.24	0.39 "J"	<0.22	<0.19	<0.16	<0.22	<0.46	<0.69	*3.1*	<0.41	<0.26	**9.2**	<0.60	<0.25	<0.69
8/29/01	<0.21	<0.21	<0.13	<0.24	<0.21	<0.22	<0.19	<0.16	<0.22	<0.46	<0.69	*3.1*	<0.41	<0.26	*2.9*	<0.60	<0.25	<0.69
11/8/02	<0.25	<0.62	<0.65	<0.56	1.1	<0.53	<0.66	<0.58	<0.47	<0.87	<0.63	*2.0*	<0.84	1.0	**30**	<1.33	<0.11	<1.83
2/20/03	<0.25	<0.62	<0.65	<0.56	1.8 "Q"	<0.53	<0.66	<0.58	<0.47	<0.87	<0.63	*1.5 "Q"*	<0.84	<0.65	**21**	<1.33	<0.11	<1.83
6/19/03	<4.1	<0.89	<0.93	<0.57	<0.83	<0.54	<0.59	<0.67	<0.43	<0.61	<0.74	*2.0*	<0.67	<0.90	*0.70 "Q"*	<1.80	<0.18	<2.63
9/18/03	<4.1	<0.89	<0.93	<0.57	<0.83	<0.54	<0.59	<0.67	<0.43	<0.61	<0.74	*2.7*	<0.67	<0.90	*1.1 "Q"*	<1.80	<0.18	<2.63
TW1 Top Well Screen (msl): 813.84 Length Well Screen (ft): 10																		
5/25/01	<0.21	<0.21	<0.13	<0.24	<0.21	<0.22	<0.19	<0.16	<0.22	<0.46	<0.69	<0.22	<0.41	<0.26	<0.24	<0.60	<0.25	<0.69
8/29/01	<0.21	<0.21	<0.13	<0.24	<0.21	<0.22	<0.19	<0.16	<0.22	<0.46	<0.69	0.25 "J"	<0.41	<0.26	<0.24	<0.60	<0.25	<0.69
TW2 Top Well Screen (msl): 814.04 Length Well Screen (ft): 10																		
11/13/02	0.27 "Q"	<0.62	<0.65	<0.56	*31*	<0.53	<0.66	<0.58	<0.47	<0.87	<0.63	*1.8 "Q"*	<0.84	<0.65	**23**	<1.33	<0.11	<1.83
2/20/03	<0.25	<0.62	<0.65	<0.56	*8.9*	<0.53	<0.66	<0.58	<0.47	<0.87	<0.63	*0.98*	1.1	<0.65	**7.9**	<1.33	<0.11	<1.83
6/19/03	<4.1	<0.89	<0.93	<0.57	<0.83	<0.54	<0.59	<0.67	<0.43	<0.61	<0.74	*3.7*	<0.67	<0.90	*0.60 "Q"*	<1.80	<0.18	<2.63
9/18/03	<4.1	<0.89	<0.93	<0.57	<0.83	<0.54	<0.59	<0.67	<0.43	<0.61	<0.74	***7.4***	<0.67	<0.90	*1.5 "Q"*	<1.80	<0.18	<2.63
4/15/04	<0.29	<0.21	<0.39	<0.39	1.9	<0.56	<0.19	<0.3	<0.7	<0.2	<0.6	*3.4*	<0.57	<0.16	*2.3*	<1.17	<0.21	<1.74

Table 2 Groundwater Summary

	Detected VOCs / PVOCs (µg/L)																	
	Benzene	sec-Butyl benzene	n-Butyl benzene	1,1-dichloro ethene	cis-1,2-dichloro ethene	Ethyl benzene	Isopropyl benzene	p-Isopropyl toluene	Methylene Chloride	MTBE	Naphth alene	Tetrachloroe thene	Toluene	1,1,1-Trichloro ethane	Trichloro ethene	Trimethyl benzenes (total)	Vinyl Chloride	Xylenes (total)
NR 140 ES	5			7	70	700			5	60	40	5	1,000	200	5	480	0.2	10,000
NR 140 PAL	0.5			0.7	7	140			0.5	12	8	0.5	200	40	0.5	96	0.02	1,000
TW3 Top Well Screen (msl): 818.94 Length Well Screen (ft): 10																		
3/20/03	<0.41	<0.89	<0.93	<0.57	*<0.83*	<0.54	<0.59	<0.67	<0.43	<0.61	<0.74	**14**	<0.67	<0.90	*0.53"Q"*	<1.80	<0.18	<2.63
6/19/03	<4.1	<0.89	<0.93	<0.57	<0.83	<0.54	<0.59	<0.67	<0.43	<0.61	<0.74	**7.8**	<0.67	<0.90	<0.48	<1.80	<0.18	<2.63
9/18/03	<4.1	<0.89	<0.93	<0.57	<0.83	<0.54	<0.59	<0.67	<0.43	<0.61	<0.74	**14**	<0.67	<0.90	<0.48	<1.80	<0.18	<2.63
4/15/04	<0.29	<0.21	<0.39	<0.39	<0.29	<0.56	<0.19	<0.3	<0.7	<0.2	<0.6	**11**	<0.57	<0.16	0.27	<1.17	<0.21	<1.74
TW4 Top Well Screen (msl): unk Length Well Screen (ft): 5																		
4/22/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2 Groundwater Summary

	Detected Semivolatiles (µg/L)																			
	Ace naphthene	Anthracene	Bis(2-ethylhexyl) phthalate	Butylbenzyl phthalate	di-n-Butyl phthalate	Carbazole	Dibenzo furan	Diethyl phthalate	2,4-Dimethyl phenol	Fluor anthene	Fluorene	Isophorone	2-Methyl naphthalene	2-Methyl phenol	4-Methyl phenol	4-Chloro-3-Methyl phenol	Naph thalene	Phenol	Pentachloro phenol	Phen anthrene	Pyrene
NR 140 ES		3,000								400	400						40	6,000	1		250
NR 140 PAL		600								80	80						8	1,200	0.1		50
MW5 Top Well Screen (msl): 813.22 Length Well Screen (ft): 10																					
May-94	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7/14/98	3 "J"	0.5 "J"	9 "JB"	0.8 "J"	10 "JB"	2 "J"	2 "J"	1 "J"	20	0.9 "J"	2 "J"	0.8 "J"	6 "J"	48	44	1 "J"	42	ND	ND	3 "J"	1 "J"
11/1/99	WDNR did not require additional PAH analysis from this monitoring well based on previous analytical results, naphthalene analysis would be performed under VOC analysis, reference January 18, 2000 DNR correspondence.																				
5/25/01																					
8/29/01																					
11/8/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.78	---	---
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6 Top Well Screen (msl): 812.85 Length Well Screen (ft): 10																					
5/25/01	<0.027	<0.027	---	---	---	---	---	---	---	<0.021	<0.029	---	---	---	---	---	<0.031	---	---	<0.028	<0.024
8/29/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11/8/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.78	---	---
MW7 Top Well Screen (msl): 814.47 Length Well Screen (ft): 10																					
5/25/01	<0.027	<0.027	---	---	---	---	---	---	---	<0.021	<0.029	---	---	---	---	---	0.039 "J"	---	---	<0.028	<0.024
8/29/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW9 Top Well Screen (msl): 812.68 Length Well Screen (ft): 10																					
5/25/01	<0.027	<0.027	---	---	---	---	---	---	---	<0.021	<0.029	---	---	---	---	---	0.040 "J"	---	---	<0.028	<0.024
8/29/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11/8/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TW1 Top Well Screen (msl): 813.84 Length Well Screen (ft): 10																					
5/25/01	<0.027	0.035 "J"	---	---	---	---	---	---	---	<0.021	<0.029	---	---	---	---	---	<0.031	---	---	<0.028	<0.024
8/29/01	<0.17	0.013 "J"	---	---	---	---	---	---	---	<0.36	<0.33	---	---	---	---	---	<0.22	---	---	0.11 "J"	<0.059
TW2 Top Well Screen (msl): 814.04 Length Well Screen (ft): 10																					
11/13/02	<0.018	<0.020	---	---	---	---	---	---	---	<0.013	<0.017	---	---	---	---	---	0.033	---	---	<0.016	<0.017
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TW3 Top Well Screen (msl): 818.94 Length Well Screen (ft): 10																					
3/20/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TW4 Top Well Screen (msl): unk Length Well Screen (ft): 5																					
4/22/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	<0.78	---	---

Table 2 Groundwater Summary

	Metals (µg/L, except as noted)														
	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Cobalt	Copper	Iron (mg/L)	Magnesium	Manganese (mg/L)	Potassium	Sodium	Vanadium	Zinc (mg/L)
NR 140 ES			50	2,000		100	40	1,300	0.3		0.05			30	5
NR 140 PAL			5	400		10	8	130	0.15		0.025			6	2.5
MW5 Top Well Screen (msl): 813.22 Length Well Screen (ft): 10															
May-94	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
7/14/98	ND	5.7"JB"	*6.7^*	110	38,000	3.4	3.9	ND	**6.95**	12,800	**0.496**	5,560	155,000	4.4	0.0085"JB"
11/1/99	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
5/25/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/29/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11/8/02	---	---	---	---	---	*21*	---	---	**24**	---	---	---	---	---	---
2/20/03	---	---	---	---	---	4.1	---	---	**12**	---	---	---	---	---	---
6/19/03	---	---	---	---	---	*23*	---	---	**26**	---	---	---	---	---	---
9/18/03	---	---	---	---	---	*30*	---	---	**21**	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6 Top Well Screen (msl): 812.85 Length Well Screen (ft): 10															
5/25/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/29/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11/8/02	---	---	---	---	---	1.4	---	---	0.031	---	---	---	---	---	---
MW7 Top Well Screen (msl): 814.47 Length Well Screen (ft): 10															
5/25/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/29/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW9 Top Well Screen (msl): 812.68 Length Well Screen (ft): 10															
5/25/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/29/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
11/8/02	---	---	---	---	---	1.1	---	---	0.075	---	---	---	---	---	---
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2 Groundwater Summary

	Metals (µg/L, except as noted)														
	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Cobalt	Copper	Iron (mg/L)	Magnesium	Manganese (mg/L)	Potassium	Sodium	Vanadium	Zinc (mg/L)
NR 140 ES			50	2,000		100	40	1,300	0.3		0.05			30	5
NR 140 PAL			5	400		10	8	130	0.15		0.025			6	2.5
TW1 Top Well Screen (msl): 813.84 Length Well Screen (ft): 10															
5/25/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
8/29/01	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TW2 Top Well Screen (msl): 814.04 Length Well Screen (ft): 10															
11/13/02	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
2/20/03	---	---	---	---	---	---	---	---	*0.150*	---	---	---	---	---	---
6/19/03	---	---	---	---	---	---	---	---	**0.720**	---	---	---	---	---	---
9/18/03	---	---	---	---	---	---	---	---	**0.086**	---	---	---	---	---	---
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TW3 Top Well Screen (msl): 818.94 Length Well Screen (ft): 10															
3/20/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
TW4 Top Well Screen (msl): unk Length Well Screen (ft): 5															
4/22/03	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2 Groundwater Summary

	Natural Attenuation and Field Parameters													
	Alkalinity (mg/L $CaCO_3$)	Ethane (µg/L)	Ethene (µg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	Nitrogen (Nitrate) (mg/L)	Sulfate (mg/L SO_4^{-2})	pH (std. units)	Temp °C	Dissolved Oxygen (mg/L)	Field Conductivity (µS)	ORP (mV)	Water Elevation (ft MSL)	
NR 140 ES							250							
NR 140 PAL							125							
MW1 Top Well Screen (msl): 818.01 Length Well Screen (ft): 10														
7/14/98	---	---	---	---	---	---	---	---	---	---	---	---	unk	Ground surface elevation = 821.44
11/1/99	420	---	---	0.13	190	0.012	5	6.64	17.5	0.62	742	---	814.91	Highest observed GW elevation = 818.64
5/25/01	---	---	---	---	25	1.8	10	6.90	13.2	1.76	see WSFS	see WSFS	818.64	Lowest observed GW elevation = 813.90
8/29/01	280	---	---	0.08	380	0.027	1.0	7.01	16.0	0.12	see WSFS	see WSFS	817.23	Unsaturated zone 0 - 2.80 fbg
11/8/02	---	---	---	---	---	---	---	---	---	---	---	---	816.15	Smear zone 2.80 - 7.54 fbg
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	813.90	Saturated zone > 7.54 fbg
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	817.14	
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	816.93	
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	817.21	
MW2 Top Well Screen (msl): 813.77 Length Well Screen (ft): 10														
7/14/98	---	---	---	---	---	---	---	---	---	---	---	---	unk	Ground surface elevation = 820.63
11/1/99	280	---	---	0.0	<0.5	3.9	76	6.93	16.5	3.78	694	---	812.43	Highest observed GW elevation = 817.31
5/25/01	---	---	---	---	---	---	---	---	12.4	3.29	---	see WSFS	817.31	Lowest observed GW elevation = 811.57
8/29/01	---	---	---	---	---	---	---	7.11	13.6	0.83	see WSFS	see WSFS	815.34	Unsaturated zone 0 - 3.32 fbg
11/8/02	---	---	---	---	---	---	---	---	---	---	---	---	813.52	Smear zone 3.32 - 9.06 fbg
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	811.57	Saturated zone > 9.06 fbg
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	814.62	
9/18/03	---	---	---	---	---	---	---	7.00	21.6	1.54	495	136.9	814.58	
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	816.13	
MW3 Top Well Screen (msl): 814.21 Length Well Screen (ft): 10														
7/14/98	---	---	---	---	---	---	---	---	---	---	---	---	unk	Ground surface elevation = 820.99
11/1/99	220	---	---	0.0	<0.5	2.5	14	7.26	15.9	8.84	345	---	806.97	Highest observed GW elevation = 816.99
5/25/01	---	---	---	---	---	---	---	---	9.8	2.72	---	see WSFS	816.99	Lowest observed GW elevation = 804.73
8/29/01	---	---	---	---	---	---	---	7.35	14.4	5.57	see WSFS	see WSFS	815.18	Unsaturated zone 0 - 4.00 fbg
11/8/02	---	---	---	---	---	---	---	---	---	---	---	---	812.63	Smear zone 4.00 - 16.26 fbg
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	804.73	Saturated zone > 16.26 fbg
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	815.48	
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	815.44	
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	814.89	

Table 2 Groundwater Summary

	Natural Attenuation and Field Parameters													
	Alkalinity (mg/L $CaCO_3$)	Ethane (µg/L)	Ethene (µg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	Nitrogen (Nitrate) (mg/L)	Sulfate (mg/L SO_4^{-2})	pH (std. units)	Temp °C	Dissolved Oxygen (mg/L)	Field Conductivity (µS)	ORP (mV)	Water Elevation (ft MSL)	
NR 140 ES							250							
NR 140 PAL							125							
MW4 Top Well Screen (msl): 818.20 Length Well Screen (ft): 10														
7/14/98	---	---	---	---	---	---	---	---	---	---	---	---	unk	Ground surface elevation = 819.24
11/1/99	220	---	---	0.0	<0.5	2.5	14	---	---	---	---	---	>808.15	Highest observed GW elevation = 816.82
5/25/01	---	---	---	---	---	---	---	---	10.6	6.5	---	see WSFS	816.82	Lowest observed GW elevation > 805.15
8/29/01	---	---	---	---	---	---	---	6.95	14.4	5.27	see WSFS	see WSFS	812.17	Unsaturated zone 0 - 2.42 fbg
11/8/02	---	---	---	---	---	---	---	---	---	---	---	---	809.42	Smear zone 2.42 - >14.09 fbg
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	808.20	Saturated zone > 14.09 fbg
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	813.81	
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	812.09	
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	815.34	
MW5 Top Well Screen (msl): 813.22 Length Well Screen (ft): 10														
May-94	---	---	---	---	---	---	---	---	---	---	---	---	unk	Ground surface elevation = 817.31
7/14/98	---	---	---	---	---	---	---	---	---	---	---	---	unk	Highest observed GW elevation = 815.03
11/1/99	440	<0.5	<0.5	3.36	3500	0.014	43	6.35	15.5	1.25	1063	---	811.02	Lowest observed GW elevation = 810.59
5/25/01	---	<0.5	<0.5	---	300	0.0074	3	6.53	11.2	0.34	see WSFS	see WSFS	815.03	Unsaturated zone 0 - 2.28 fbg
8/29/01	260	<0.5	<0.5	4.67	900	0.0092	1.0	6.08	14.6	0.16	see WSFS	see WSFS	813.99	Smear zone 2.28 - 6.72 fbg
11/8/02	---	---	---	---	---	---	---	6.72	13.5	0.21	982	---	812.32	Saturated zone > 6.72 fbg
2/20/03	---	---	---	---	1,200	---	---	---	---	---	---	---	810.59	
6/19/03	---	---	---	---	110	---	---	6.18	17.8	0.33	223	-128.6	813.79	
9/18/03	---	---	---	---	430	---	---	6.09	21.6	0.42	240	-111.6	813.90	
4/15/04	---	---	---	5.10	540	---	---	5.96	8.4	0.73	276	-24.5	813.52	
MW6 Top Well Screen (msl): 812.85 Length Well Screen (ft): 10														
5/25/01	---	<0.5	<0.5	---	<0.5	2.5	3.6 "J"	6.93	11.6	3.31	see WSFS	see WSFS	814.31	Ground surface elevation = 816.85
8/29/01	260	<0.5	<0.5	0.00	1.1	3	25	7.24	14.1	0.14	see WSFS	see WSFS	812.79	Highest observed GW elevation = 814.31
11/8/02	---	---	---	---	---	---	---	7.01	13.4	0.51	448	0.37	810.94	Lowest observed GW elevation = 810.94
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	806.86	Unsaturated zone 0 - 2.54 fbg
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	812.60	Smear zone 2.54 - 5.91 fbg
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	812.67	Saturated zone > 5.91 fbg
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	812.18	

Table 2 Groundwater Summary

	Natural Attenuation and Field Parameters													
	Alkalinity (mg/L $CaCO_3$)	Ethane (µg/L)	Ethene (µg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	Nitrogen (Nitrate) (mg/L)	Sulfate (mg/L SO_4^{-2})	pH (std. units)	Temp °C	Dissolved Oxygen (mg/L)	Field Conductivity (µS)	ORP (mV)	Water Elevation (ft MSL)	
NR 140 ES							250							
NR 140 PAL							125							
MW7 Top Well Screen (msl): 814.47 Length Well Screen (ft): 10														
5/25/01	---	---	---	---	---	---	---	7.41	11.4	7.02	see WSFS	see WSFS	815.41	Ground surface elevation = 818.97
8/29/01	---	---	---	---	---	---	---	7.20	13.0	1.53	see WSFS	see WSFS	814.44	Highest observed GW elevation = 815.41
11/8/02	---	---	---	---	---	---	---	---	---	---	---	---	813.21	Lowest observed GW elevation = 811.67
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	811.67	Unsaturated zone 0 - 3.56 fbg
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	814.02	Smear zone 3.56 - 7.30 fbg
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	814.03	Saturated zone > 7.30 fbg
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	813.81	
MW8 Top Well Screen (msl): 811.56 Length Well Screen (ft): 10														
5/25/01	---	<0.5	<0.5	---	<0.5	1.2	3.8	7.04	11.2	3.61	see WSFS	see WSFS	812.93	Ground surface elevation = 815.80
8/29/01	120	<0.5	<0.5	0.21	1.4	2.9	8	7.09	13.9	0.16	see WSFS	see WSFS	811.08	Highest observed GW elevation = 812.93
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	808.74	Lowest observed GW elevation = 807.41
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	807.41	Unsaturated zone 0 - 2.87 fbg
6/19/03	---	---	---	---	---	---	---	---	---	---	---	---	811.02	Smear zone 2.87 - 8.39 fbg
9/18/03	---	---	---	---	---	---	---	---	---	---	---	---	810.83	Saturated zone > 8.39 fbg
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	809.88	
MW9 Top Well Screen (msl): 812.68 Length Well Screen (ft): 10														
5/25/01	---	<0.5	<0.5	---	<0.5	2.1	13	7.19	11.7	3.24	see WSFS	see WSFS	815.54	Ground surface elevation = 817.17
8/29/01	140	<0.5	<0.5	0.02	<0.5	4.5	10	7.30	13.6	0.14	see WSFS	see WSFS	814.05	Highest observed GW elevation = 815.54
11/8/02	---	---	---	---	---	---	---	7.60	13.0	0.80	323	---	812.66	Lowest observed GW elevation = 810.74
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	810.74	Unsaturated zone 0 - 1.63 fbg
6/19/03	---	---	---	---	---	---	---	6.59	15.7	3.03	173.8	189.4	813.91	Smear zone 1.63 - 6.43 fbg
9/18/03	---	---	---	---	---	---	---	6.81	20.1	1.88	207	181.1	814.14	Saturated zone > 6.43 fbg
4/15/04	---	---	---	---	---	---	---	---	---	---	---	---	813.38	
TW1 Top Well Screen (msl): 813.84 Length Well Screen (ft): 10														
5/25/01	---	<0.5	5.5	---	<0.5	1.8	15	6.72	14.3	3.68	see WSFS	see WSFS	814.70	
8/29/01	300	<0.5	<0.5	0.59	2.1	0.55	12	---	---	---	---	---	812.89	

Table 2 Groundwater Summary

	Natural Attenuation and Field Parameters												
	Alkalinity (mg/L $CaCO_3$)	Ethane (µg/L)	Ethene (µg/L)	Ferrous Iron (mg/L)	Methane (µg/L)	Nitrogen (Nitrate) (mg/L)	Sulfate (mg/L SO_4^{-2})	pH (std. units)	Temp °C	Dissolved Oxygen (mg/L)	Field Conductivity (µS)	ORP (mV)	Water Elevation (ft MSL)
NR 140 ES							250						
NR 140 PAL							125						
TW2 Top Well Screen (msl): 814.04 Length Well Screen (ft): 10													
11/13/02	---	---	---	---	---	---	---	---	---	---	---	---	811.12
2/20/03	---	---	---	---	---	---	---	---	---	---	---	---	---
6/19/03	---	---	---	---	---	---	---	6.36	16.1	1.71	455	194.4	813.65
9/18/03	---	---	---	---	---	---	---	6.51	22.3	1.07	243	199.0	813.69
4/15/04	---	---	---	4.88	---	---	---	6.78	9.4	2.15	229	-10.7	813.93
TW3 Top Well Screen (msl): 818.94 Length Well Screen (ft): 10													
3/20/03	---	---	---	---	---	---	---	---	---	---	---	---	---
6/19/03	---	---	---	---	---	---	---	6.81	18.1	1.71	464	206	813.74
9/18/03	---	---	---	---	---	---	---	6.80	19.9	1.09	375	219.0	814.00
4/15/04	---	---	---	0.54	---	---	---	6.60	12.5	2.65	232	-6.4	814.03
TW4 Top Well Screen (msl): unk Length Well Screen (ft): 5													
4/22/03	---	---	---	---	---	---	---	---	---	---	---	---	---

Table 2 Groundwater Summary

Note:

--- = not analyzed
unk = unknown
msl = mean sea level
BOLD entries indicate that concentration detected is above ch. NR 140, Wis. Adm. Code Enforcment Standards (ES)
ITALIC entries indicate that concentration detected is above ch. NR 140, Wis. Adm. Code Preventive Action Limit (PAL)
ND = not detected

Data Qualifiers:

J = Analyte detected between the limit of detection and limit of quantitation. (U.S. Analytical Lab & Synergy Environmental Lab)

Q = The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range. (En Chem, Inc.)

B = Analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take the appropriate action. (Southwest Laboratory of Oklahoma, Inc - EPA contractor)
E = Analyte concentration exceeds calibration range.
^ = Duplicate sample had no detection of analyte

Table 1 Soil Sample Summary

Boring & Sample	Sample Date	Depth* (fbg)	Soil Conditions	PID (iui)	DRO (mg/kg)	GRO (mg/kg)	Detected volatile organic compounds (VOCs) over LOD (µg/kg)														
							Benzene	1,1-Dichloroethene	cis-1,2-Dichloroethene	Ethyl benzene	Isopropylbenzene	Methylene Chloride	MTBE	Naphthalene	n-Propylbenzene	Tetrachloroethane	Toluene	1,1,1-Trichloroethane	Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (total)
NR 720.09 RCLs based on protection of groundwater					100	100	5.5			2,900							1,500					4,100
GP-12	5/5/94 & 5/6/94	3.5-4.5	SZ	---	---	---	**244**	500	1,000	unk	unk	unk	unk	unk	unk	2,000	**3,575**	2,000	1,500	unk	unk	unk
		6.5-7.5	S	16.9																		
		9.0-10.0	S	3.2	---	---	<1500	<10	<10	unk	unk	unk	unk	unk	unk	<10	<1500	<10	<10	unk	unk	unk
GP-13	5/5/94 & 5/6/94	0.0-2.0	U	1.0																		
		3.5-4.5	SZ	123.0	---	---	<250	10	<10	unk	unk	unk	unk	unk	unk	<10	<250	<10	<10	unk	unk	unk
GP-14	5/5/94 & 5/6/94	0.0-2.0	U	2.1																		
		3.5-4.5	SZ	1.8																		
GP-15	5/5/94 & 5/6/94	0.0-2.0	U	7.2																		
GP-16	5/5/94 & 5/6/94	4.0-5.0	SZ	---																		
		7.0-9.0	S	7.2	---	---	<10	10	<10	unk	unk	unk	unk	unk	unk	<10	22	<10	<10	unk	unk	unk
		9.0-11.0	S	unk																		
GP-17	5/5/94 & 5/6/94	3.5-5.5	SZ	---	---	---	<10	10	<10	unk	unk	unk	unk	unk	unk	64	12	<10	<10	unk	unk	unk
GP-18	5/5/94 & 5/6/94	3.5-5.5	SZ	---	---	---	<10	<10	<10	unk	unk	unk	unk	unk	unk	<10	13	<10	<10	unk	unk	unk
HAB-1	5/5/94 & 5/6/94	0.0-0.5	U	101.0																		
		1.5-2.0	SZ	175.0																		
		2.5-3.0	SZ	352.0																		
		3.5-4.0	SZ	507.0																		
		4.5-5.0	SZ	428.0																		
HAB-2	5/5/94 & 5/6/94	0.0-0.5	U	1.2																		
		1.5-2.0	SZ	1.1																		
		2.5-3.0	SZ	1.0																		
		3.5-4.0	SZ	1.0																		
		4.0-4.5	SZ	1.0																		
HAB-3	5/5/94 & 5/6/94	0.0-0.5	U	1																		
		1.5-2.0	SZ	0.9																		
		2.5-3.0	SZ	0.8																		
		3.5-4.0	SZ	0.7																		
		4.0-4.5	SZ	0.7																		
HAB-4	5/5/94 & 5/6/94	0.0-0.5	U	3.5																		
		1.5-2.0	SZ	0.9																		
		2.5-3.0	SZ	0.8																		
		3.5-4.0	SZ	0.8																		
		4.0-4.5	SZ	1.6																		
B-7-A	06/30/98	2.0-4.0	SZ	0	---	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	62^	ND	ND	ND	ND	ND	ND
		4.5-6.5	SZ	0																		
B-7-B		7.0-9.0	S	0	---	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		9.5-11.5	S	0																		
		12.0-14.0	S	0																		
B-8-A	06/30/98	2.0-4.0	SZ	0	---	---	ND	ND	ND	ND	ND	56^	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
		4.5-6.5	SZ	0																		
B-8-B		7.0-9.0	S	0	---	---	ND	ND	ND	ND	ND	67^	ND	ND	ND	120	ND	ND	79	ND	ND	ND
		9.5-11.5	S	0																		
		12.0-14.0	S	0																		

Table 1 Soil Sample Summary

Boring & Sample	Sample Date	Depth* (fbg)	Soil Condi-tions	PID (lui)	DRO (mg/kg)	GRO (mg/kg)	Detected volatile organic compounds (VOCs) over LOD (µg/kg)														
							Benzene	1,1-Dichloro ethene	cis-1,2-Dichloroe thene	Ethyl benzene	Isopropylb enzene	Methylene Chloride	MTBE	Naphtha lene	n-Propyl benzene	Tetra-chloroe thane	Toluene	1,1,1-Trichloroe thane	Trichloroe thane	1,2,4-Trimethyl benzene	1,3,5-Trimethylb enzene	Xylenes (total)
NR 720.09 RCLs based on protection of groundwater					100	100	5.5			2,900							1,500					4,100
B9-1	05/08/01	0.0-2.0	U	0.4																		
B9-2		2.5-4.5	SZ	0.9																		
B9-3		5.0-7.0	SZ	1.4	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50
B9-4		7.5-9.5	S	1.4																		
B9-5		10.0-12.0	S	2.0	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50
B9-6		12.5-14.5	S	2.0																		
B10-1	05/08/01	1.5-2.0	SZ	1.5																		
B10-2		2.0-4.0	SZ	4.0																		
B10-3		4.0-6.0	SZ	2.0	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50
B10-4		6.0-8.0	S	3.0																		
B10-5		9.0-11.0	S	3.0	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50
B10-6		11.0-13.0	S	2.0																		
B11-1	05/08/01	0.0-2.0	U	3.2	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50
B11-2		2.5-4.5	SZ	2.0																		
B11-3		5.0-7.0	SZ	3.7	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50
B11-4		7.5-9.5	S	1.5																		
B11-5		10.0-12.0	S	2.8																		
B11-6		12.5-14.5	S	2.3																		
B13-1	05/08/01	0.0-2.0	U	2.7																		
B13-2		2.5-4.5	SZ	7.0	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<50
B13-3		5.0-7.0	SZ	3.2																		
B13-4		7.5-9.5	S	4.0	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	70	<25	<25	<50
B13-5		10.0-12.0	S	3.4																		
B13-6		12.5-14.5	S	2.2																		
B15	09/04/02	1.3	U	---	16	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	86
		2.0	U	0.0																		
B16-1	11/08/02	0-2	U	0																		
B16-2		2-4	SZ	0																		
B16-3		4-6	SZ	0	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
B16-4		6-8	SZ	0																		
B16-5		8-9.5	S	0																		
B16-6		9.5-11	S	0																		
B16-7		11-12.5	S	0																		
B16-8		12.5-14	S	0																		
B17-1	11/08/02	1-3	U	0																		
B17-2		3-5	SZ	0																		
B17-3		5-7	SZ	0																		
B17-4		7-9	S	0																		
B17-5		9-11	S	0	---	---	<25	<25	<25	<25	<25	<25	<25	<25	<25	140	<25	<25	<25	<25	<25	<25
B17-6		11.5-13.5	S	0																		
B17-7		13.5-15.5	S	0																		
B17-8		15.5-17	S	0																		

Table 1 Soil Sample Summary

Boring & Sample	Sample Date	Depth* (fbg)	Soil Conditions	Detected semivolatile organic compounds over LOD (µg/kg)													Inorganic Analysis (mg/kg)							
				Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (ghi) perylene	Chrysene	Fluoranthene	Indeno(123 cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Pentachlorophenol	Arsenic	Barium	Cadmium	Chromium, total	Iron	Lead	Mercury	Total organic carbon
NR 720.11 RCLs DC Industrial																	1.6		510			500		
Suggested generic RCLs in soil groundwater path				3,000,000	17,000	48,000	360,000	6,800,000	37,000	500,000	680,000	20,000	400	1,800	8,700,000									
Suggested generic RCLs in soil direct contact path - industrial				300,000,000	3,900	390	3,900	39,000	390,000	40,000,000	3,900	40,000,000	110,000	390,000	30,000,000									
GP-12	5/5/94 & 5/6/94	3.5-4.5	SZ	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		6.5-7.5	S																					
		9.0-10.0	S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GP-13	5/5/94 & 5/6/94	0.0-2.0	U																					
		3.5-4.5	SZ	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GP-14	5/5/94 & 5/6/94	0.0-2.0	U																					
		3.5-4.5	SZ																					
GP-15	5/5/94 & 5/6/94	0.0-2.0	U																					
GP-16	5/5/94 & 5/6/94	4.0-5.0	SZ																					
		7.0-9.0	S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		9.0-11.0	S																					
GP-17	5/5/94 & 5/6/94	3.5-5.5	SZ	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
GP-18	5/5/94 & 5/6/94	3.5-5.5	SZ	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HAB-1	5/5/94 & 5/6/94	0.0-0.5	U																					
		1.5-2.0	SZ																					
		2.5-3.0	SZ																					
		3.5-4.0	SZ																					
		4.5-5.0	SZ																					
HAB-2	5/5/94 & 5/6/94	0.0-0.5	U																					
		1.5-2.0	SZ																					
		2.5-3.0	SZ																					
		3.5-4.0	SZ																					
		4.0-4.5	SZ																					
HAB-3	5/5/94 & 5/6/94	0.0-0.5	U																					
		1.5-2.0	SZ																					
		2.5-3.0	SZ																					
		3.5-4.0	SZ																					
		4.0-4.5	SZ																					
HAB-4	5/5/94 & 5/6/94	0.0-0.5	U																					
		1.5-2.0	SZ																					
		2.5-3.0	SZ																					
		3.5-4.0	SZ																					
		4.0-4.5	SZ																					
B-7-A	06/30/98	2.0-4.0	SZ	7.1	16	11	ND	ND	16	66	ND	<6.0	ND	17	56	---	---	14	ND	7.3	---	ND	---	---
		4.5-6.5	SZ																					
B-7-B		7.0-9.0	S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		9.5-11.5	S																					
		12.0-14.0	S																					
B-8-A	06/30/98	2.0-4.0	SZ	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	11	ND	6.8	---	2	---	---
		4.5-6.5	SZ																					
B-8-B		7.0-9.0	S	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		9.5-11.5	S																					
		12.0-14.0	S																					

Table 1 Soil Sample Summary

Boring & Sample	Sample Date	Depth* (fbg)	Soil Condi-tions	Detected semivolatile organic compounds over LOD (µg/kg)													Inorganic Analysis (mg/kg)							
				Anthracene	Benzo (a) anthracene	Benzo (a) pyrene	Benzo (b) fluoranthene	Benzo (ghi) perylene	Chrysene	Fluoranthene	Indeno(123 cd)pyrene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Pentachlorophenol	Arsenic	Barium	Cadmium	Chromium, total	Iron	Lead	Mercury	Total organic carbon
NR 720.11 RCLs DC Industrial																	1.6		510			500		
Suggested generic RCLs in soil groundwater path				3,000,000	17,000	48,000	360,000	6,800,000	37,000	500,000	680,000	20,000	400	1,800	8,700,000									
Suggested generic RCLs in soil direct contact path - industrial				300,000,000	3,900	390	3,900	39,000	390,000	40,000,000	3,900	40,000,000	110,000	390,000	30,000,000									
B9-1	05/08/01	0.0-2.0	U																					
B9-2		2.5-4.5	SZ																					
B9-3		5.0-7.0	SZ	<11	<10	<17	<24	<10	11"J"	12"J"	<13	<17	<10	<12	14"J"	---	---	---	---	---	36,900	---	---	2,060
B9-4		7.5-9.5	S																					
B9-5		10.0-12.0	S	<11	<10	<17	<24	<10	<10	<10	<13	<17	<10	<12	<13	---	---	---	---	---	23,100	---	---	2,730
B9-6		12.5-14.5	S																					
B10-1	05/08/01	1.5-2.0	SZ																					
B10-2		2.0-4.0	SZ																					
B10-3		4.0-6.0	SZ	<11	<10	<17	<24	<10	<10	<10	<13	<17	<10	<12	<13	---	---	---	---	---	3,490	---	---	1,210
B10-4		6.0-8.0	S																					
B10-5		9.0-11.0	S	<11	<10	<17	<24	<10	<10	<10	<13	<17	<10	<12	<13	---	---	---	---	---	23,700	---	---	2,350
B10-6		11.0-13.0	S																					
B11-1	05/08/01	0.0-2.0	U	<11	<10	<17	<24	<10	<10	<10	<13	<17	<10	<12	<13	---	---	---	---	---	5,180	---	---	521
B11-2		2.5-4.5	SZ																					
B11-3		5.0-7.0	SZ	<11	<10	<17	<24	<10	<10	<10	<13	<17	<10	<12	<13	---	---	---	---	---	3,450	---	---	346 "J"
B11-4		7.5-9.5	S																					
B11-5		10.0-12.0	S																					
B11-6		12.5-14.5	S																					
B13-1	05/08/01	0.0-2.0	U																					
B13-2		2.5-4.5	SZ	<11	<10	<17	<24	<10	<10	<10	<13	<17	<10	<12	<13	---	---	---	---	---	3,930	---	---	160"J"
B13-3		5.0-7.0	SZ																					
B13-4		7.5-9.5	S	<11	<10	<17	<24	<10	<10	<10	<13	<17	<10	<12	<13	---	---	---	---	---	14,200	---	---	2,540
B13-5		10.0-12.0	S																					
B13-6		12.5-14.5	S																					
B15	09/04/02	1.3	U	<34	<54	<59	<42	<82	<38	<42	<69	<72	<40	<20	<58	20"J"	<0.6	29	<0.7	5	---	12	0.016	---
		2.0	U																					
B16-1	11/08/02	0-2	U																					
B16-2		2-4	SZ																					
B16-3		4-6	SZ	<13	<7.3	<7.3	<8.6	<15	<8.6	<9.8	<13	<9.2	<9.2	<9.8	<16	---	---	---	---	---	---	---	---	---
B16-4		6-8	SZ																					
B16-5		8-9.5	S																					
B16-6		9.5-11	S																					
B16-7		11-12.5	S																					
B16-8		12.5-14	S																					
B17-1	11/08/02	1-3	U																					
B17-2		3-5	SZ																					
B17-3		5-7	SZ																					
B17-4		7-9	S																					
B17-5		9-11	S	<13	<7.3	<7.3	<8.5	<15	<8.5	<9.7	<13	<9.1	<9.1	<9.7	<16	---	**2.3**	63	0.15	18	---	4.9	0.0084	---
B17-6		11.5-13.5	S																					
B17-7		13.5-15.5	S																					
B17-8		15.5-17	S																					

Table 1 Soil Sample Summary

Note:

GP-1 through GP-18 and HAB-1 through HAB-7 were collected by McLaren/Hart Engineers Midwest, Inc.
Soil samples were analyzed by MBT Laboratories Rancho Cordova, California by EPA Methods 8020, Modified 8015 and 6010

GP - Geoprobe soil boring
HAB - Hand auger boring

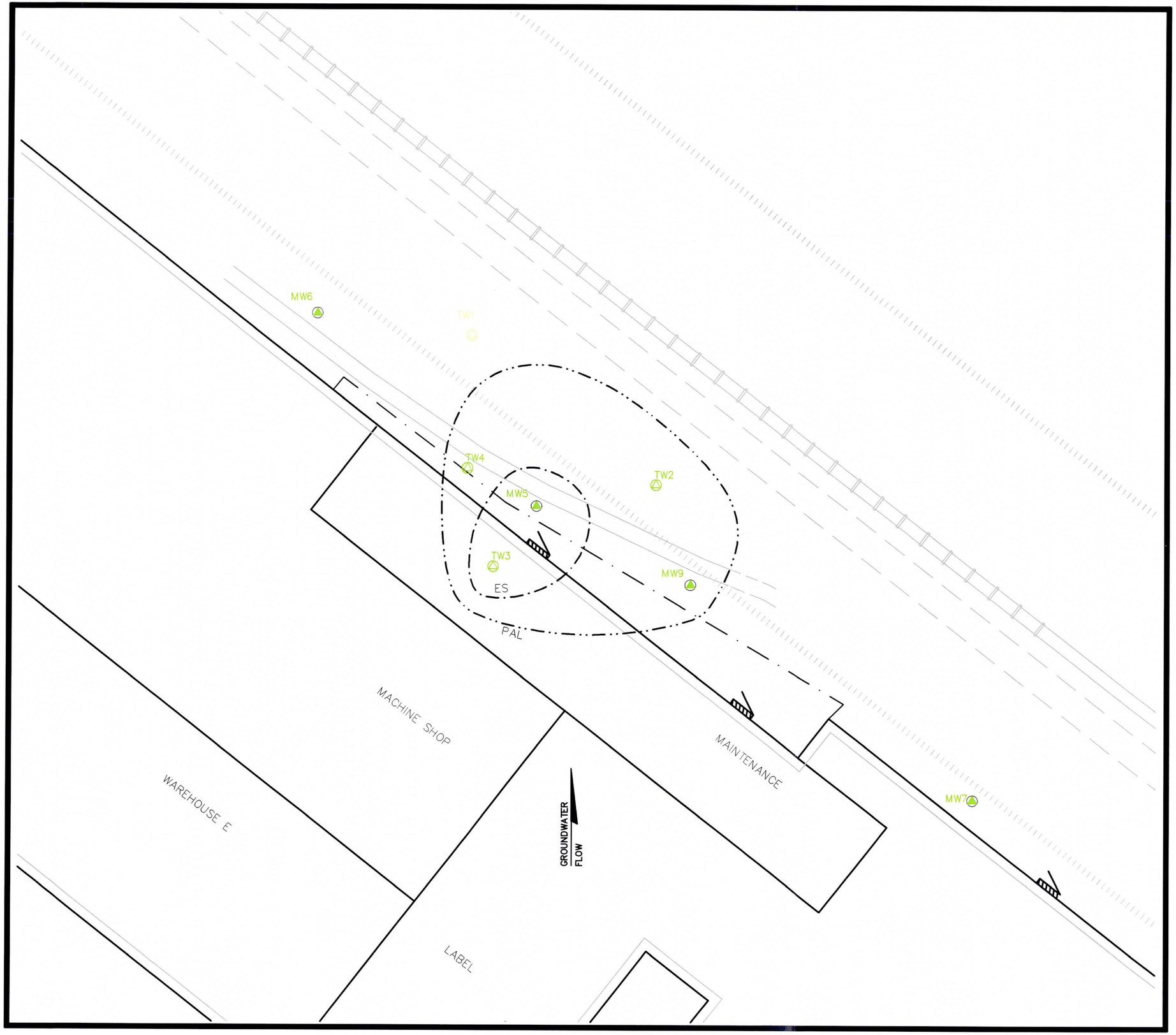
B1 through B8 were collected by the Wisconsin Department of Natural Resources (WDNR)
Soil samples were analyzed by State Laboratory of Hygiene

Soil Conditions:
U =Unsaturated
SZ = Smear Zone
S = Saturated

--- = not analyzed
unk = unknown
ND = not detected
fbg = feet below grade
GRO = Gasoline Range Organics
DRO = Diesel Range Organics
[ ] If cell is left blank, analysis was not performed or documentation of analysis was not available
BOLD entries indicate that concentration detected is above WDNR standards or guidelines

Data Qualifiers:

J = Analyte detected between the limit of detection and limit of quantitation. (U.S. Analytical Lab)
^ = Detected between the limit of detection and limit of quantitation (WDNR report)



0' 8' 15' 30'

SCALE: 1" = 30'

LOCAL GRID NORTH

N

LEGEND:

- TW2 — Temporary Well Location and I.D. No.
- MW1 — Well Location and I.D. No.
- TW1 — Abandoned Well
- Enforcement Standard
- Preventive Action Limit
- Rail Road
- Edge of Ditch
- Rail Road Right-of-Way
- Door
- 3.5' High Loading Dock

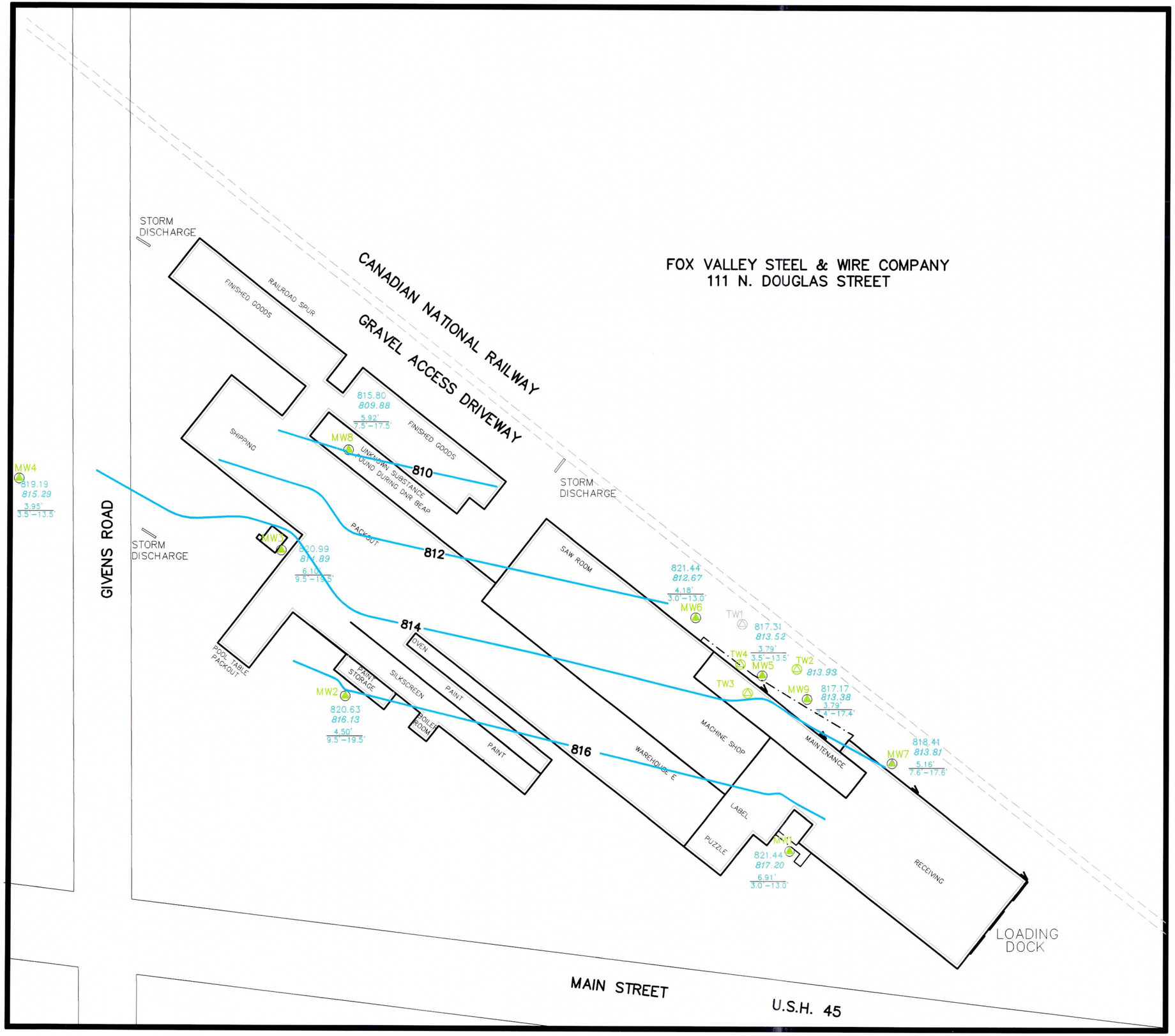
Notes:
Based on laboratory analytical and field elevation data from 4/15/04 sampling event

FIGURE 6
GROUNDWATER ISOCONCENTRATION MAP

FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNI ASSOCIATES
ONE SYSTEMS DRIVE
APPLETON, WI 54914
PHONE (920) 735-6900
FAX (920) 830-6100

PROJECT MANAGER:	BDW	PROJECT NO:	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO:	SITE
DRAWN BY:	JCW	SCALE:	1" = 30'
REVIEWED BY:		DATE:	11/29/04



0' 20' 50' 100'

SCALE: 1" = 100'

LOCAL GRID NORTH

N

LEGEND:

- TW1 — Temporary Well Location and I.D. No.
- MW1 — Well Location and I.D. No.
- TW1 — Abandoned Temporary Well Location
- Edge of Ditch
- Door
- Loading Dock Door
- 3.5' High Loading Dock
- MW1 821.44 / 817.20 — Surface Elevation at Well / Groundwater Elevation at Well
- 6.91' / 3.0'-13.0' — Depth to Water from Surface / Screened Interval (ft.)
- 812 — Groundwater Contour Line (2' Contour Interval)

FIGURE 5
GROUNDWATER ELEVATION CONTOUR MAP (4/15/2004)

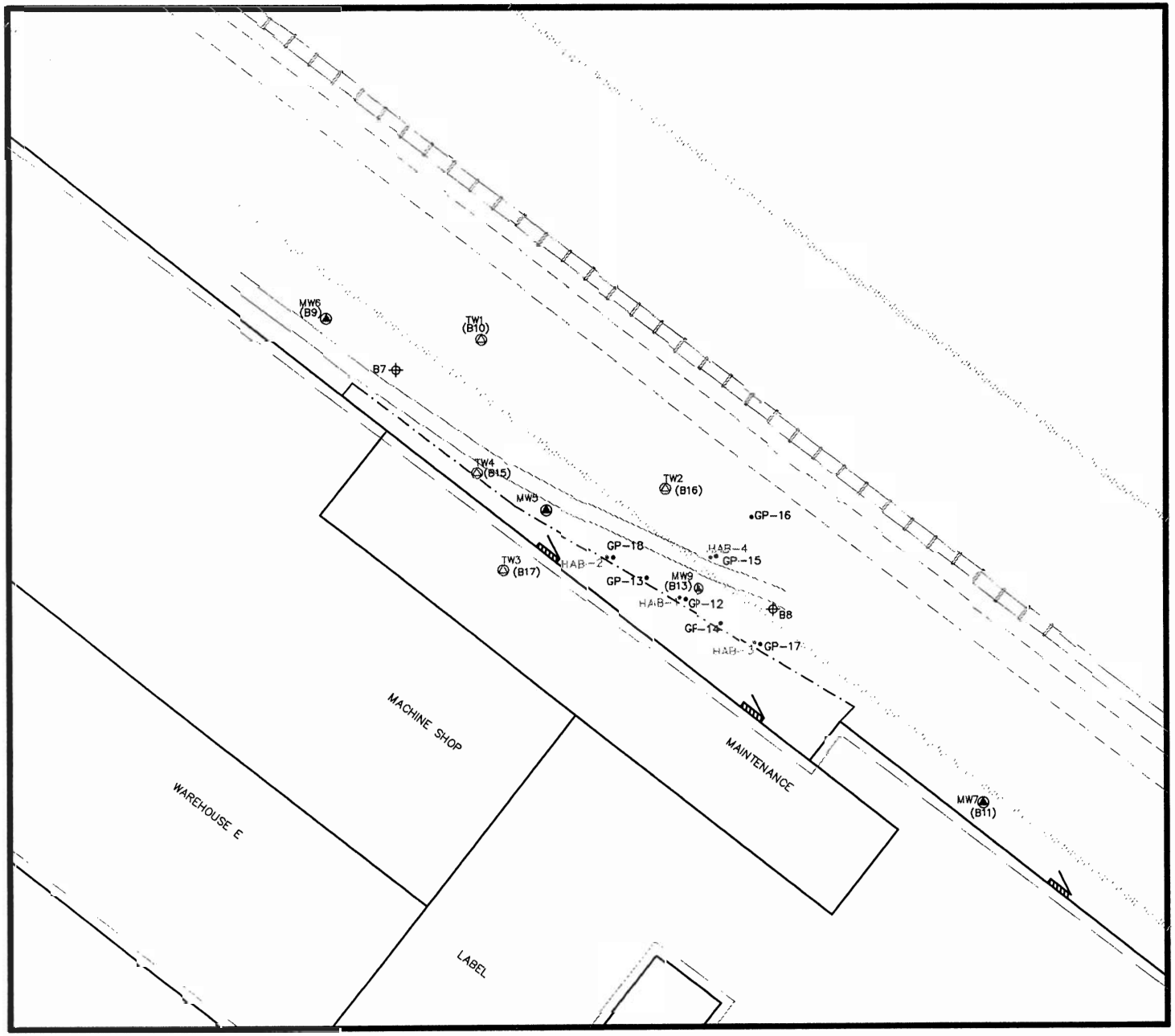
FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNI ASSOCIATES

ONE SYSTEMS DRIVE
APPLETON, WI 54914

PHONE (920) 735-6900
FAX (920) 830-6100

PROJECT MANAGER:	BDW	PROJECT NO:	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO:	N1666A2
DRAWN BY:	DLD	SCALE:	1" = 100'
REVIEWED BY:		DATE:	4/21/2004



LOCAL GRID NORTH
N

Not to scale

LEGEND:

TW1	Temporary Well Location and I.D. No
MW1	Well Location and I.D. No.
B1	Soil Boring Location and I.D No.
HAB-5	Hand Auger Boring Location and I.D No.
GP-1	Geoprobe Soil Boring Location and I.D No.
	Rail Road
	Edge of Ditch
	Rail Road Right-of-Way
	Door
	3.5' High Loading Dock

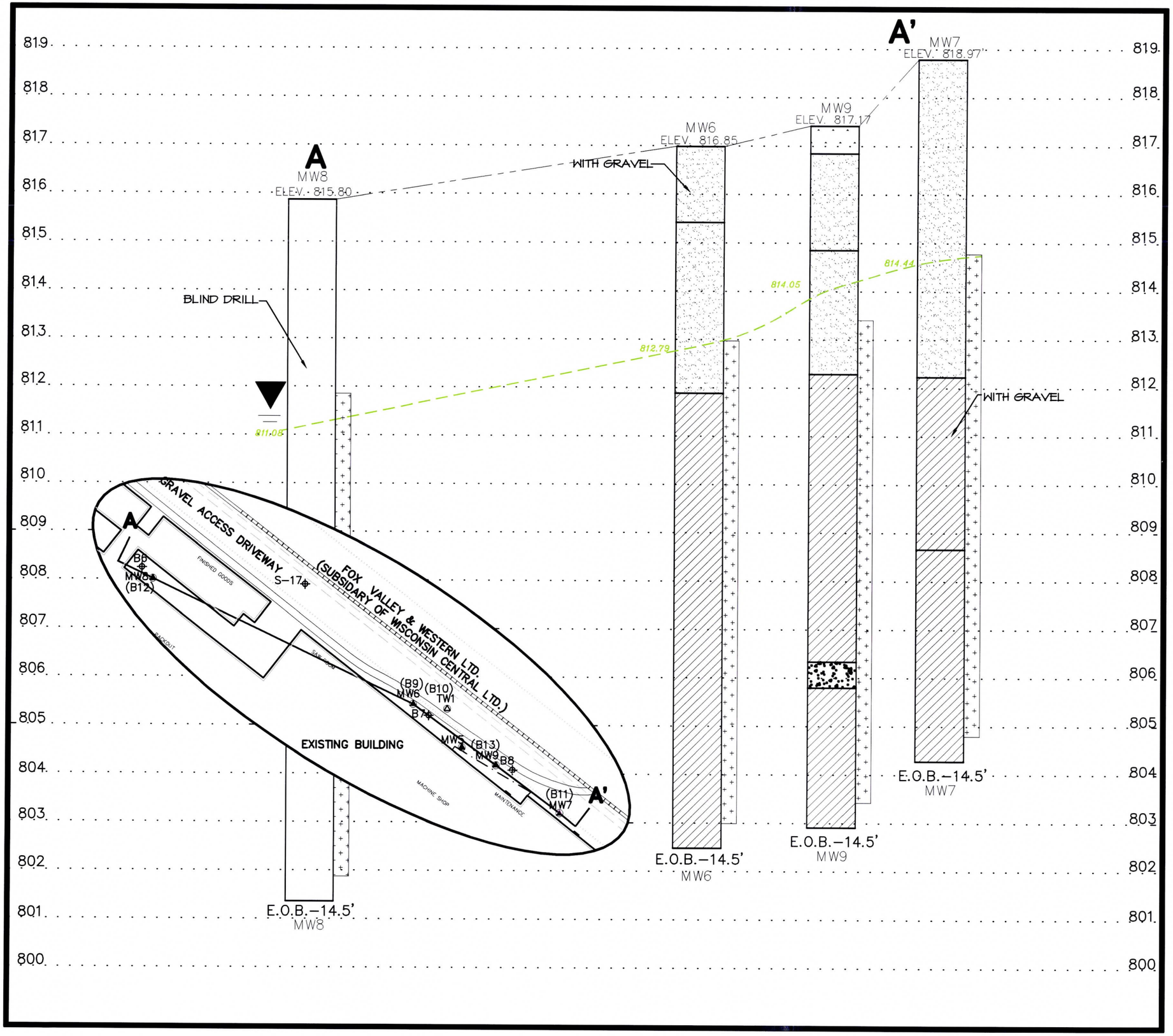
Notes:
GP-12 through GP-18 and HAB-1 through HAB-4 were sampled by McLaren/Hart Engineers Midwest, Inc. on May 5 & 6, 1994.
B7 and B8 were sampled by the Department of Natural Resources on June 30, 1998.
B9,B10 and B13 were sampled by OMNNI Associates on May 8, 2001.
B15 was sampled by OMNNI Associates on September 4, 2002.
B16 and B17 were sampled by OMNNI Associates on November 8, 2002.
Data points that were not installed by OMNNI Associates are approximate locations based on available information.

FIGURE 3
SUSPECTED SPILL AREA DETAIL

FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNNI ASSOCIATES
ONE SYSTEMS DRIVE
APPLETON, WI 54914
PHONE (920) 735-6900
FAX (920) 830-6100

PROJECT MANAGER:	BDW	PROJECT NO:	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO:	SITE
DRAWN BY:	DLD	SCALE:	1" = 30'
REVIEWED BY:		DATE:	3/24/03



2 FT.
SCALE 1" = 2'
20 FT.
SCALE 1" = 20'

LEGEND:

- Sand
- Clay
- Black Rock
- Topsoil
- Surface Elevation Line
- Screened Interval
- 818.64 Groundwater Elevation at Well
- Water Table (8/29/01)
- Groundwater Line

FIGURE 4
DIAGRAMMATIC CROSS–SECTION OF STRATIGRAPHY FROM A TO A'

FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNI ASSOCIATES
ONE SYSTEMS DRIVE
APPLETON, WI 54914
PHONE (920) 735-6900
FAX (920) 830-6100

PROJECT MANAGER:		PROJECT NO:	N1666A01
PROJECT ENGINEER:		CAD FILE NO:	SITE
DRAWN BY:		SCALE:	
REVIEWED BY:	DLD	DATE:	9/24/01

OUTAGAMIE COUNTY

410 S. WALNUT ST. APPLETON, WISCONSIN 54911

PLANNING AND ZONING ADMINISTRATION

ADMINISTRATION BUILDING LEVEL 3

TELEPHONE (920) 832-5255 FAX (920) 832-4770

November 22, 2004

To Whom It May Concern:

It is my belief that the legal descriptions relating to the American Toy & Furniture site, which include parcels 120061700, 240024301, 240024317 and 240031200, located in Outagamie County, Wisconsin are complete and accurate.

Sincerely,

Michael Hendrick

Planning Director

02-45-000563

OUTAGAMIE COUNTY

410 S. WALNUT ST. APPLETON, WISCONSIN 54911

PLANNING AND ZONING ADMINISTRATION

ADMINISTRATION BUILDING LEVEL 3

TELEPHONE (920) 832-5255 FAX (920) 832-4770

September 6, 2005

Mr. Geoffrey Nokes
Canadian National
17641 S. Ashland Avenue
Homewood, IL 60430

RE: Notification of residual groundwater contamination above enforcement standards in the railroad right-of-way in Hortonville, WI.

Dear Mr. Nokes,

Per sections NR 726.05(2)(a)4 of the Wisconsin Administrative Code, I am required to notify you that groundwater contamination may exist in the railroad right-of-way.

Groundwater contamination that may have been a result of an old spill or improper disposal located at the former American Toy & Furniture facility may have migrated into the railroad right-of-way. The former American Toy & Furniture property is located at 825 Main Street (US Highway 45), Hortonville, Wisconsin. The site is located in the NW 1/4 of the SW 1/4 of Section 35, T22N, R15E, Village of Hortonville, Outagamie County.

The level of tetrachloroethene contamination in the groundwater in the railroad right-of-way may be above state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. (See Figure 4 - Groundwater Isoconcentration Map, Enclosed.) However, ongoing investigation of the groundwater contamination indicates that the plume is stable or receding and will naturally degrade over time. I believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726 Wisconsin Administrative Code, and I will be requesting that the Department of Natural Resources (DNR) accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the DNR will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter NR 140, Wisconsin Administrative Code groundwater enforcement standards will be listed on the DNR's geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing location of properties in Wisconsin where groundwater contamination above chapter NR 140, Wisconsin Administrative Code groundwater enforcement standards was

found at the time the case was closed. The GIS Registry will be available to the general public on the DNR's internet web site.

Should you wish to construct or reconstruct the railroad, utilities, etc. around this area, special requirements may be necessary to dispose of contaminated groundwater that is encountered during the construction. Please contact the DNR or your environmental consultant if work in the designated area on the enclosed figure is planned, to determine if special precautions should be taken when encountering groundwater.

If you need more information, you may contact me at 410 S. Walnut Street, Appleton, WI 54911-5936, 920/832-5255 or you may contact Ms. Jennifer Borski, Hydrogeologist, Wisconsin Department of Natural Resources, Bureau of Remediation and Redevelopment, 625 E. County Road Y, Suite 700, Oshkosh, WI 54901-9731, 920/424-7887.

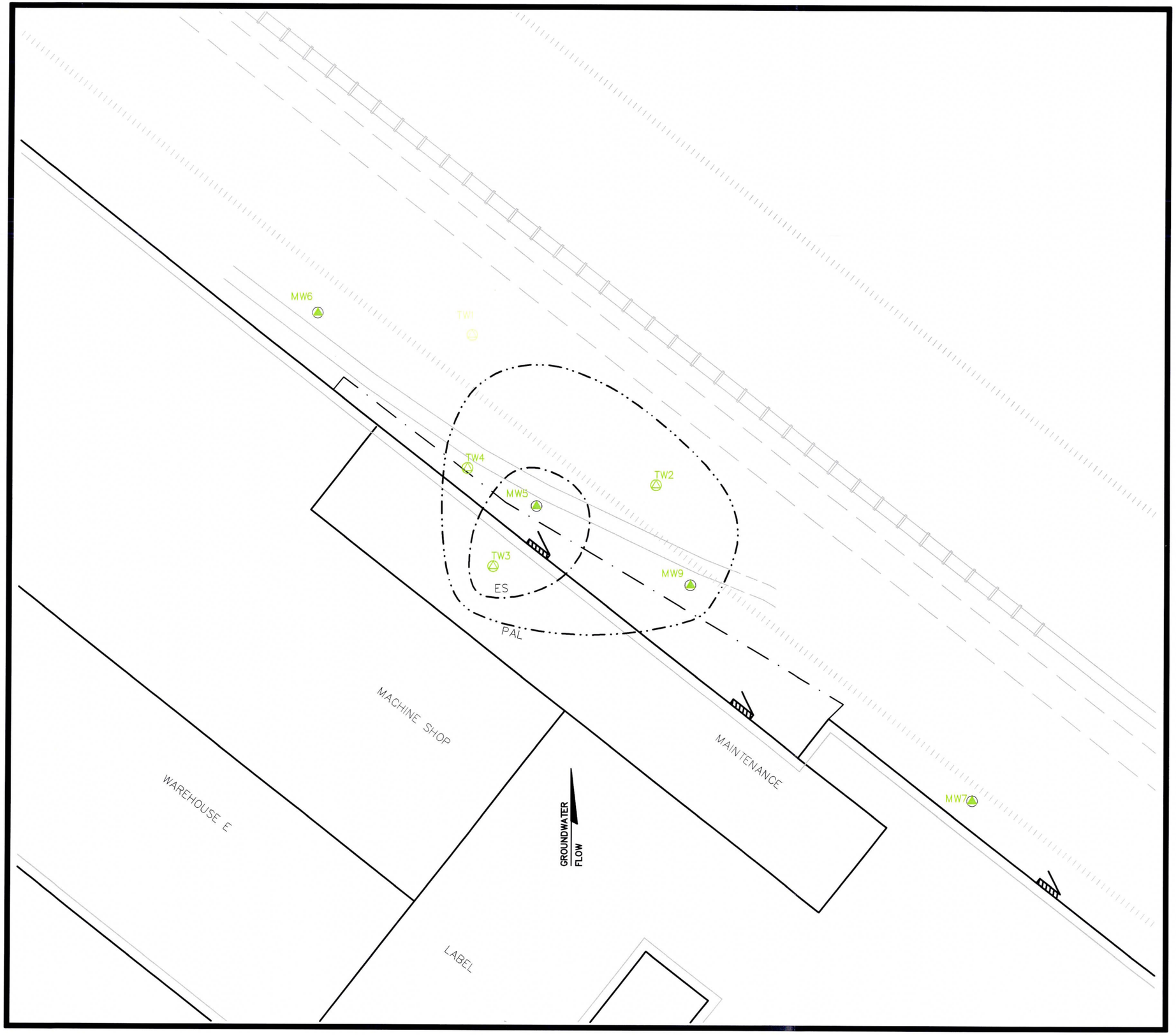
Sincerely,
Outagamie County

Michael Hendrick
Planning Director

Enclosure

Figure 4 – Gr oundwater Isoconcentration Map

CC: Jennifer Borski, Department of Natural Resources
Brian Wayner, OMNNI Associates
Barry Jennerjohn



0' 8' 15' 30'

SCALE: 1" = 30'

LOCAL GRID NORTH

N

LEGEND:

- TW2 — Temporary Well Location and I.D. No.
- MW1 — Well Location and I.D. No.
- TW1 — Abandoned Well
- Enforcement Standard
- Preventive Action Limit
- Rail Road
- Edge of Ditch
- Rail Road Right-of-Way
- Door
- 3.5' High Loading Dock

Notes:
Based on laboratory analytical and field elevation data from 4/15/04 sampling event

FIGURE 6
GROUNDWATER ISOCONCENTRATION MAP

FORMER AMERICAN TOY & FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNI ASSOCIATES
ONE SYSTEMS DRIVE
APPLETON, WI 54914
PHONE (920) 735-6900
FAX (920) 830-6100

PROJECT MANAGER:	BDW	PROJECT NO:	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO:	SITE
DRAWN BY:	JCW	SCALE:	1" = 30'
REVIEWED BY:		DATE:	11/29/04