

The following site is being submitted for inclusion into the GIS registry:

- For DNR County and Region list go to:
<g:\pf\pecfalsite\gis\BRRTS County and Region Codes.xls>
- To begin, click on cell to the right of, *This is a:*
- Use Tab, ↓ or Pg Down to navigate form. Print & include with file when completed.

This is a:	New Submittal
BRRTS ID (no dashes):	0345245541
Comm # (no dashes):	54944940925
County:	Outagamie
Region:	Northeast
Site name:	American Toy and Furniture
Street Address:	825 W Main St
City:	Hortonville
Final Closure Date	2002-04-22
Closure Conditions:	met
Off-source property contamination?	No
(If yes, attach locational data and deed information on pg. 2)	
Right-of-way contamination?	No
Contaminated media:	Groundwater
GPS Coordinates (meters in the WTM91 projection)	
Easting (X):	627284.000000000
Northing (Y):	430232.000000000
Collection Method:	Direct Location
Scale or Resolution:	1:07,289
(1:24,000 scale or finer)	("1:" and comma is default)
Prepared by:	Cheryl Nelson
Submitted by:	Cheryl Nelson

Source Property Checklist

- Final Closure Letter
- Copy of the most recent deed, which includes legal description for all properties w/ GW > NR 140 ES
- Where the legal description in the deed(s) refers to a certified survey map or recorded plat map, include those documents
- Parcel ID for all properties w/ GW > NR 140 ES
- General Location Map
- Detailed Location Map showing property boundaries, buildings, MW(s) and/or potable wells etc for properties with GW > NR140 ES
- Latest Map(s) showing extent or outline of current GW plume (isoconcentrations)
- Map showing GW flow direction
- Latest Table of GW results
- Geologic cross section (if generated as part of the site investigation)
- Statement signed by RP certifying correctness of legal descriptions
- Updated Database



April 22, 2002

Mr. Barry Jennerjohn
PO Box 274
825 Main St
Hortonville, WI 54944

Mr. Michael Hendrick
Outagamie County
410 S. Walnut Street
Appleton WI 54911

RE: **Final Closure**
Commerce # 54944-9409-25 WDNR BRRTS # 03-45-245541
American Toy and Furniture, 825 W Main St, Hortonville

550-gallon gasoline UST

Dear Mr. Jennerjohn and Mr. Hendrick:

This letter acknowledges receipt of the information requested in the Wisconsin Department of Commerce's (Commerce) conditional closure letter, dated January 25, 2002. On April 16, 2002, Commerce received a copy of the recorded soil deed affidavit and groundwater use restriction. Please note that Commerce is making no determination as to the accuracy of the legal description information. Also, the requirement to abandon monitoring well MW-1 has been waived at this time. This well will be used and subsequently abandoned as part of an ongoing investigation/remediation proceeding under the jurisdiction of the Wisconsin Department of Natural Resources.

This site is now listed as "closed" on the Commerce database. It is in your best interest to keep all documentation related to the investigation and remediation of your site.

If future site conditions indicate that any remaining contamination poses a threat, and subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0025.

Sincerely,

A handwritten signature in black ink, appearing to read 'Thomas Verstegen', written over a white background.

Thomas Verstegen
Department of Commerce
PECFA - Site Review Section

cc: Brian Wayner – OMNNI Associates
Jennifer Tobias – WDNR (electronic)
Case File

1459354

Document Number

**NOTICE OF CONTAMINATION TO
PROPERTY**

**OUTAGAMIE COUNTY
RECEIVED FOR RECORD**

MAR 28 2002

AT 9 O'CLOCK A.M. P.M.
JANICE FLENZ
REGISTER OF DEEDS

Legal Description of the Property: In re: PRT OF NW SW LYG N OF HY &
S OF RR & INCL 3 FT STRIP OF RR IN 731R405 SEC35 T22N R15E 9 AC
M/L, Document # 1269214.

(A SITE MAP INDICATING THE CONTAMINATED
PROPERTY IS ATTACHED AS EXHIBIT A.)

Recording Area

Name and Return Address

Outagamie County Corp. Counsel
410 S. Walnut Street
Appleton, WI 54911

150°

STATE OF WISCONSIN)
) ss
COUNTY OF OUTAGAMIE)

24-0-0312-00

Parcel Identification Number (PIN)

Section 1. Outagamie County is the owner of the above-described property.

Section 2. One or more petroleum discharges have occurred at this property. Benzene contaminated groundwater above NR 140 enforcement standards and soils above NR 720 residual contaminant levels of the Wisconsin Administrative Code exist(s) on this property in the area of the former underground storage tank.

Section 3. 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 limitations and/or restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific prohibitions or requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed or reconstructed on this property unless applicable requirements are met.

Also,

Residual petroleum contaminated soil above NR720 Table 1 values remains on this site in the area of the former underground storage tank. Natural attenuation is the approved remedial alternative for this site. If contaminated soil is excavated in the future, it may be considered a solid waste and will need to be disposed in accordance with all applicable laws.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Commerce, or its successor, issue a determination that the restrictions set forth in this covenant are no longer required. That property owner shall provide any and all necessary information to the Department in order for the Department to be able to make a determination. Upon receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished. Conditions under which a restriction may be extinguished will be determined in accordance with the site specific standards, rules and laws for this property. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this restriction, or portions of this restriction are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

IN WITNESS WHEREOF, the owner of the property have executed this document, this 26th day of March, 2002.

[When appropriate use the following clause]:

By signing this document, [he/she] acknowledges that [he/she] is duly authorized to sign this document on behalf of OUTAGAMIE COUNTY

Signature: Robert N. Paltzer, Jr.

Printed Name: Robert N. Paltzer, Jr.

Title: County Executive

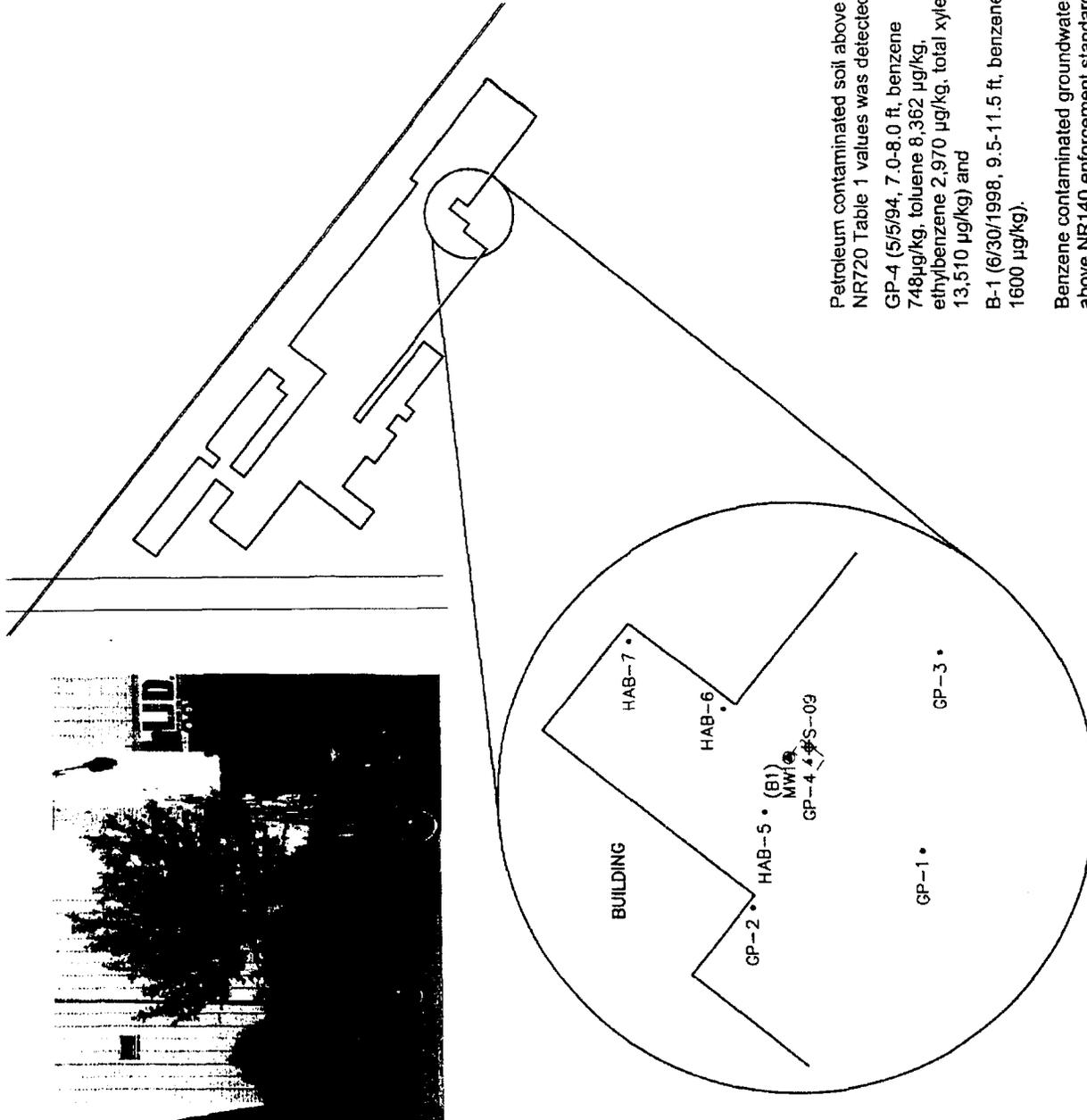
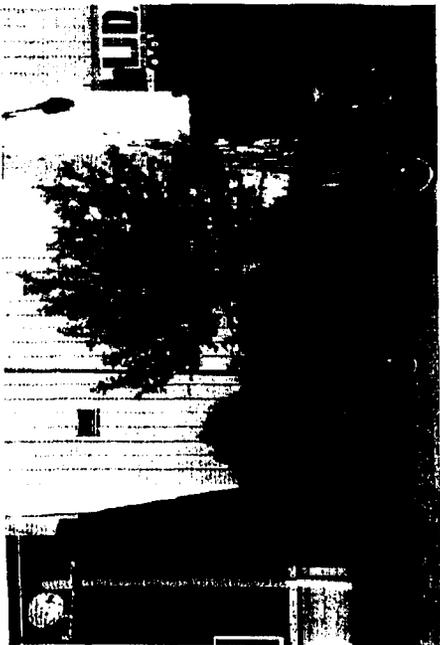
Subscribed and sworn to before me

this 26th day of March, 2002.

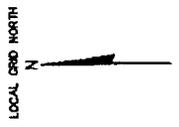
[Signature]
Joseph P. Guidote, Jr.
Notary Public, State of Wisconsin

My commission is Permanent

This document was drafted by the Wisconsin Department of Commerce.



Petroleum contaminated soil above NR720 Table 1 values was detected at:
 GP-4 (5/5/94, 7.0-8.0 ft, benzene 748µg/kg, toluene 8,362 µg/kg, ethylbenzene 2,970 µg/kg, total xylenes 13,510 µg/kg) and
 B-1 (6/30/1998, 9.5-11.5 ft, benzene 1600 µg/kg).
 Benzene contaminated groundwater above NR140 enforcement standards was detected in monitoring well MW1 on 8/29/01 at 18 µg/L.



LEGEND:

- MW1 ● Well Location and I.D. No.
- (B1) Soil Boring Location and I.D. No.
- S-09 ◆ Soil Boring Location and I.D. No.
- HAB-5 • Hand Boring Location and I.D. No.
- GP-1 • Geoprobe Location and I.D. No.
- Building Face
- Approximate Location of Former 550 Gallon Gasoline Underground Storage Tank

FORMER 550 GALLON UST
 AREA DETAIL

FORMER AMERICAN TOY &
 FURNITURE COMPANY
 HORTONVILLE, WISCONSIN



ONE SYSTEMS
 APPLETON, WI
 PHONE (920) 725-1800
 FAX (920) 725-1801

PROJECT MANAGER:	BDW	PROJECT NO.:	NT
PROJECT ENGINEER:	BDW	CAD FILE NO.:	N
DRAWN BY:		OLD SCALE:	
REVIEWED BY:		DATE:	

APPROXIMATE SCALE: 1" = 1500'

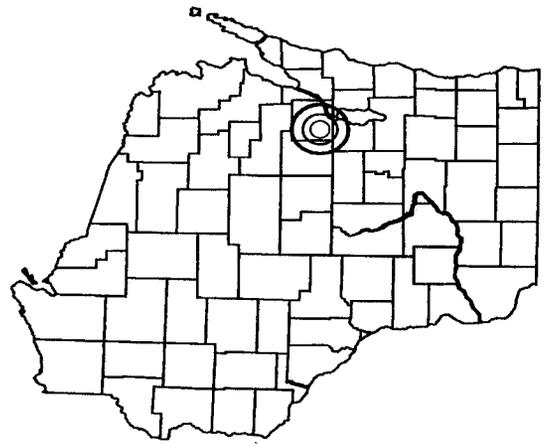
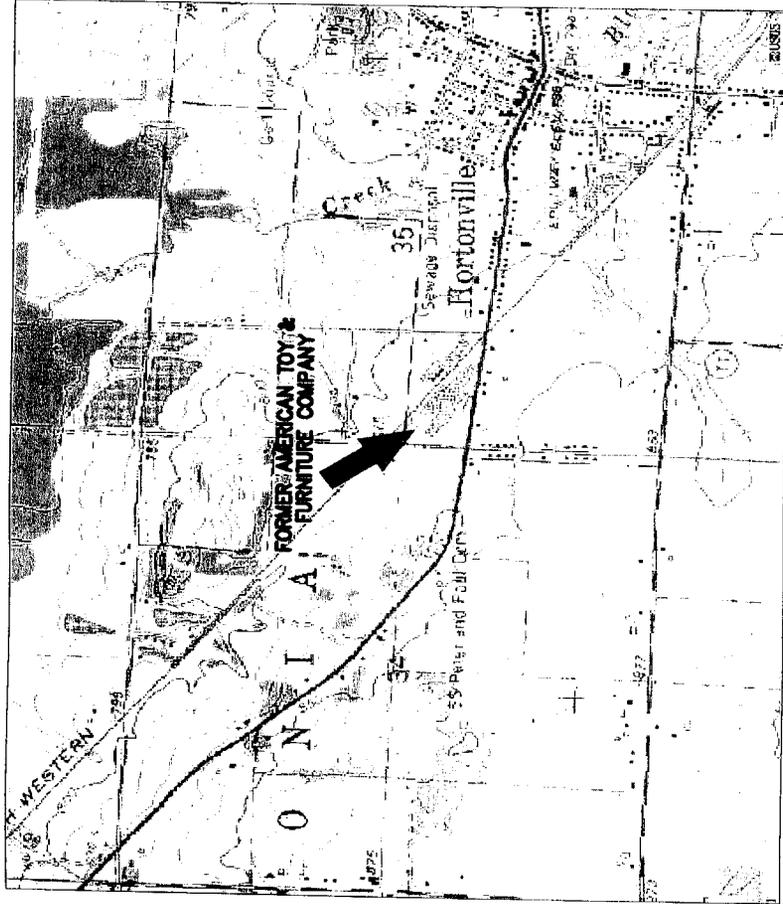


FIGURE 1
SITE LOCATION MAP

FORMER AMERICAN TOY &
FURNITURE COMPANY
HORTONVILLE, WISCONSIN

OMNI
ASSOCIATES

ONE SYSTEMS DRIVE
APPLETON, WI 54914
PHONE (920) 735-6800
FAX (920) 630-6100

PROJECT MANAGER:	BDW	PROJECT NO.	N1666A01
PROJECT ENGINEER:	BDW	CAD FILE NO.	LOCATION
DRAWN BY:	DLD	SCALE:	1" = 1500'
REVIEWED BY:		DATE:	9/4/01



LOCAL GRID NORTH
N

LEGEND:

- TW1 Temporary Well Location and I.D. No.
- MW1 Well Location and I.D. No.

- Rail Road
- Edge of Ditch
- Rail Road Right-of-Way
- Approximate Location of Tank
- MW1 821.44
818.64
Surface Elevation at Well
Groundwater Elevation at Well
- 2.80'
3.0'-13.0'
Depth to Water from Surface
Screened Interval (ft.)
- 818.0
Groundwater Contour Line
(1.0' Contour Interval)
- MW1 821.44
818.64
Groundwater Elevation at Well
- 2.80'
3.0'-13.0'
Depth to Water from Surface
Screened Interval (ft.)
- 817.0
Groundwater Contour Line
(1.0' Contour Interval)

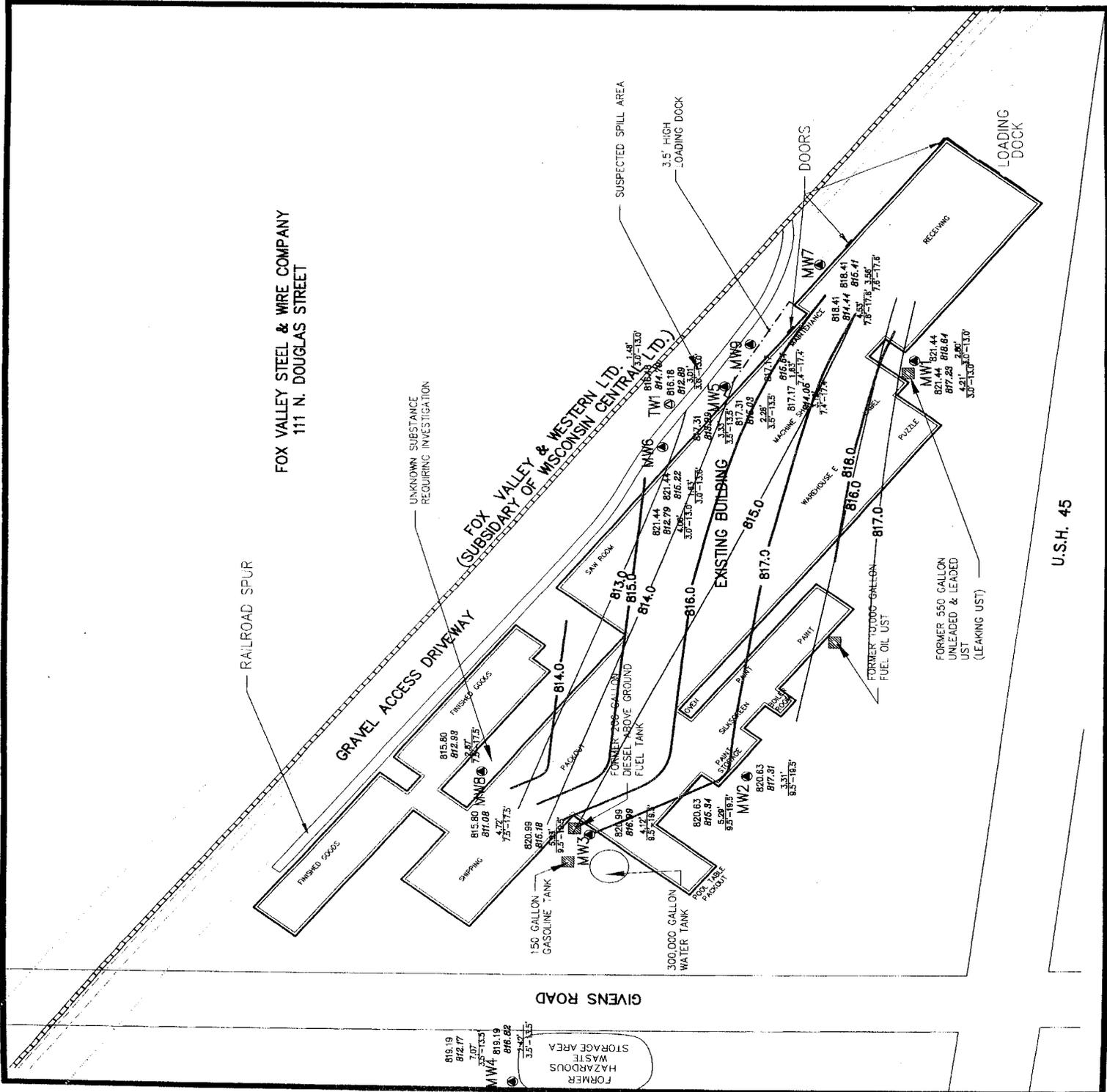
FIGURE 8
GROUNDWATER ELEVATION
CONTOUR MAP (5/25/01 & 8/29/01)

**FORMER AMERICAN TOY &
FURNITURE COMPANY**
HORTONVILLE, WISCONSIN



ONE SYSTEMS DRIVE
APPLETON, WI 54914
PHONE (920) 735-6920
FAX (920) 830-5100

PROJECT MANAGER:	BOW PROJECT NO:	N1666A07
PROJECT ENGINEER:	BOW CAD FILE NO:	N1666A2
DRAWN BY:	DLD SCALE:	1" = 100'
REVIEWED BY:	DATE:	9/4/03



U.S.H. 45

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	GP-16	HAB-7
			Data provided by DNR	
SAMPLE DATE	-	-	May-94	May-94
DETECTED VOCs / PVOCS (µg/L)				
BENZENE	5	0.5	3.9	192.0
ETHYLBENZENE	700	140	<0.5	250.0
MTBE	60	12	NA	<50.0
TOLUENE	1000	200	1.6	339
XYLENES	10000	1000	1.55	313.0
1,1-DICHLOROETHENE	850	85	8.1	NA
CIS-1,2-DICHLOROETHENE	70	7	5.2	NA
TRICHLOROETHENE	5	0.5	0.58	NA

NA = analyte was not analyzed
Note: Hand auger boring 7 (HAB-7) and GP-16 were not constructed in a manner which would allow it to be used as NR 140 point of enforcement.

PARAMETER	ES	PAL	MONITORING WELL MW1				
			Data provided by DNR		OMNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCS (µg/L)							
BENZENE	5	0.5	This monitoring well was installed on 6/30/98	490	170	4.3	18
ETHYLBENZENE	700	140		75"JB"	280	3.2	26
MTBE	60	12		NA	<6.2	<0.46	<0.46
NAPHTHALENE	40	8		44	120	1.1	12
TOLUENE	1000	200		3200	930	5.5	29
1,2,4-TRIMETHYLBENZENE	480	96		NA	420	2.7	18
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)		NA	130	2.1	2.9
XYLENES	10000	1000		3500 "B"	1000	8.3	33
METHANE (µg/L)	-	-		NA	190	25	380
NITROGEN (NITRATE) (mg/L)	-	-		NA	0.012	1.8	0.027
FERROUS IRON (mg/L)	-	-		NA	0.13	NA	0.08
SULFATE (mg/L SO ₄ ²⁻)	-	-		NA	5	10	1.0
ALKALINITY (mg/L CaCO ₃)	-	-		NA	420	NA	280
DISSOLVED OXYGEN (mg/L)	-	-	NA	0.62	1.76	0.12	

= sample concentrations detected over the enforcement standard
 = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	MONITORING WELL MW2				
			Data provided by DNR		OMNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCS (µg/L)							
BENZENE	5	0.5	This monitoring well was installed on 6/29/98	ND	<0.32	DNR did not require additional analysis from this monitoring well based on previous analytical results, reference January 18, 2000 DNR correspondence	
ETHYLBENZENE	700	140		ND	<0.34		
MTBE	60	12		NA	<0.31		
NAPHTHALENE	40	8		ND	NA		
TOLUENE	1000	200		ND	<0.35		
1,2,4-TRIMETHYLBENZENE	480	96		NA	<0.35		
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)		NA	<0.64		
XYLENES	10000	1000		ND	<1		
METHANE (µg/L)	-	-		NA	<0.5		
NITROGEN (NITRATE) (mg/L)	-	-		NA	3.9		
FERROUS IRON (mg/L)	-	-		NA	0.0		
SULFATE (mg/L SO ₄ ²⁻)	-	-		NA	76		
ALKALINITY (mg/L CaCO ₃)	-	-		NA	280		
DISSOLVED OXYGEN (mg/L)	-	-	NA	3.78			

= sample concentrations detected over the enforcement standard
 = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	MONITORING WELL MW3				
			Data provided by DNR		OMNNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCS (µg/L)							
BENZENE	5	0.5	This monitoring well was installed on 6/29/98	3"J"	<0.32	DNR did not require additional analysis from this monitoring well based on previous analytical results, reference January 18, 2000 DNR correspondence	
ETHYLBENZENE	700	140		ND	<0.34		
MTBE	60	12		NA	<0.31		
NAPHTHALENE	40	8		ND	NA		
TOLUENE	1000	200		3"J"	<0.35		
1,2,4-TRIMETHYLBENZENE	480	96		NA	<0.35		
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)		NA	<0.64		
XYLENES	10000	1000		ND	<1		
METHANE (µg/L)	-	-		NA	<0.5		
NITROGEN (NITRATE) (mg/L)	-	-		NA	2.5		
FERROUS IRON (mg/L)	-	-		NA	0.0		
SULFATE (mg/L SO ₄ ²⁻)	-	-		NA	14		
ALKALINITY (mg/L CaCO ₃)	-	-		NA	220		
DISSOLVED OXYGEN (mg/L)	-	-	NA	8.84			

= sample concentrations detected over the enforcement standard
 = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	MONITORING WELL MW4				
			Data provided by DNR		OMNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCS (µg/L)							
BENZENE	5	0.5	This monitoring well was installed on 6/29/98	ND	Unable to collect groundwater sample. Monitoring well dry.	DNR did not require additional analysis from this monitoring well based on previous analytical results, reference January 18, 2000 DNR correspondence	
ETHYLBENZENE	700	140		ND			
MTBE	60	12		ND			
NAPHTHALENE	40	8		ND			
TOLUENE	1000	200		ND			
1,2,4-TRIMETHYLBENZENE	480	96		ND			
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)		ND			
XYLENES	10000	1000		ND			
METHANE (µg/L)	-	-		NA			
NITROGEN (NITRATE) (mg/L)	-	-		NA			
FERROUS IRON (mg/L)	-	-	NA				
SULFATE (mg/L SO ₄ ⁻²)	-	-	NA				
ALKALINITY (mg/L CaCO ₃)	-	-	NA				
DISSOLVED OXYGEN (mg/L)	-	-	NA				

 = sample concentrations detected over the enforcement standard
 = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	MONITORING WELL MWS				
			Data provided by DNR		OMNNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCS (µg/L)							
BENZENE	5	0.5	14	<1000	<32	0.28"J"	<21
SEC-BUTYLBENZENE	-	-	unknown	NA	<34	0.94	<21
N-BUTYLBENZENE	-	-	unknown	NA	<23	3	<13
1,1-DICHLOROETHANE	850	85	19	<1000	<34	0.78	<24
CIS-1,2-DICHLOROETHENE	70	7	91	<1000	<32	2.9	<21
ETHYLBENZENE	700	140	3000	1600 "B"	1200	51	66"J"
ISOPROPYLBENZENE	-	-	unknown	NA	<34	0.69	<19
P-ISOPROPYLBENZENE	-	-	unknown	NA	<31	2.2	<16
METHYLENE CHLORIDE	5	0.5	unknown	810 "JB"	<29	<0.22	<22
MTBE	60	12	unknown	NA	<31	<0.46	<46
NAPHTHALENE	40	8	45	42	<88	1.1	<69
TETRACHLOROETHENE	5	0.5	9.2	<1000	<35	<0.22	<22
TOLUENE	1000	200	28000	12000 "B"	5700	72	1900
1,1,1-TRICHLOROETHANE	200	40	unknown	<1000	<45	1.4	<26
TRICHLOROETHENE	5	0.5	4.8	<1000	<48	<0.24	<24
1,2,4-TRIMETHYLBENZENE	480	96	unknown	NA	110"J"	3	<26
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)	unknown	NA	130"J"	3	<34
XYLENES	10000	1000	10590	7700 "B"	7400	169	450
DETECTED SEMIVOLATILES (µg/L)							
2-METHYLPHENOL	-	-	unknown	48	DNR 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		
4-METHYLPHENOL	-	-	unknown	44			
ISOPHORONE	-	-	unknown	0.8 "J"			
2,4-DIMETHYLPHENOL	-	-	unknown	20			
4-CHLORO-3-METHYLPHENOL	-	-	unknown	1"J"			
2-METHYLNAPHTHALENE	-	-	unknown	6 "J"			
ACENAPHTHENE	-	-	unknown	3 "J"			
DIBENZOFURAN	-	-	unknown	2 "J"			
DIETHYLPHTHALATE	-	-	unknown	1 "J"			
FLUORENE	400	80	unknown	2 "J"			
PHENANTHRENE	-	-	unknown	3 "J"			
ANTHRACENE	3000	600	unknown	0.5 "J"			
CARBAZOLE	-	-	unknown	2 "J"			
DI-N-BUTYLPHTHALATE	-	-	unknown	10 "JB"			
FLUORANTHENE	400	80	unknown	0.9 "J"			
NAPHTHALENE	40	8	45	42			
PYRENE	250	50	unknown	1 "J"			
BUTYLBENZYLPHTHALATE	-	-	unknown	0.8 "J"			
BIS(2-ETHYLHEXYL)PHTHALATE	-	-	unknown	9 "JB"			
METHANE (µg/L)	-	-	unknown	NA	3500	300	900
NITROGEN (NITRATE) (mg/L)	-	-	unknown	NA	0.014	0.0074	0.0092
ETHANE (µg/L)	-	-	unknown	NA	<0.5	<0.5	<0.5
ETHENE (µg/L)	-	-	unknown	NA	<0.5	<0.5	<0.5
FERROUS IRON (mg/L)	-	-	unknown	NA	3.36	NA	4.67
SULFATE (mg/L SO ₄ ²⁻)	-	-	unknown	NA	43	3	1.0
ALKALINITY (mg/L CaCO ₃)	-	-	unknown	NA	440	NA	260
DISSOLVED OXYGEN (mg/L)	-	-	unknown	NA	1.25	0.34	0.16

= sample concentrations detected over the enforcement standard
 = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	MONITORING WELL MW6				
			Data provided by DNR		OMNNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCs (µg/L)							
BENZENE	5	0.5	This monitoring well was installed on 5/8/01			<0.21	<0.21
SEC-BUTYLBENZENE	-	-				<0.21	<0.21
N-BUTYLBENZENE	-	-			<0.13	<0.13	
1,1-DICHLOROETHANE	850	85			<0.24	<0.24	
CIS-1,2-DICHLOROETHENE	70	7			<0.21	<0.21	
ETHYLBENZENE	700	140			<0.22	<0.22	
ISOPROPYLBENZENE	-	-			<0.19	<0.19	
P-ISOPROPYLBENZENE	-	-			<0.16	<0.16	
METHYLENE CHLORIDE	5	0.5			<0.22	<0.22	
MTBE	60	12			<0.46	<0.46	
NAPHTHALENE	40	8			<0.69	<0.69	
TETRACHLOROETHENE	5	0.5			<0.22	<0.22	
TOLUENE	1000	200			<0.41	<0.41	
1,1,1-TRICHLOROETHANE	200	40			<0.26	<0.26	
TRICHLOROETHENE	5	0.5			<0.24	<0.24	
1,2,4-TRIMETHYLBENZENE	480	96			<0.26	<0.26	
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)			<0.34	<0.34	
XYLENES	10000	1000			<0.43	<0.43	
DETECTED SEMIVOLATILES (µg/L)							
2-METHYLPHENOL	-	-			NA	NA	
4-METHYLPHENOL	-	-			NA	NA	
ISOPHORONE	-	-			NA	NA	
2,4-DIMETHYLPHENOL	-	-			NA	NA	
4-CHLORO-3-METHYLPHENOL	-	-			NA	NA	
2-METHYLNAPHTHALENE	-	-			NA	NA	
ACENAPHTHENE	-	-			<0.027	NA	
DIBENZOFURAN	-	-			NA	NA	
DIETHYLPHTHALATE	-	-			NA	NA	
FLUORENE	400	80			<0.029	NA	
PHENANTHRENE	-	-			<0.028	NA	
ANTHRACENE	3000	600			<0.027	NA	
CARBAZOLE	-	-			NA	NA	
DL-N-BUTYLPHTHALATE	-	-			NA	NA	
FLUORANTHENE	400	80			<0.021	NA	
NAPHTHALENE	40	8			<0.031	NA	
PYRENE	250	50			<0.024	NA	
BUTYLBENZYLPHTHALATE	-	-			NA	NA	
BIS(2-ETHYLHEXYL)PHTHALATE	-	-			NA	NA	
METHANE (µg/L)	-	-			<0.5	1.1	
NITROGEN (NITRATE) (mg/L)	-	-			2.5	3	
ETHANE (µg/L)	-	-			<0.5	<0.5	
ETHENE (µg/L)	-	-			<0.5	<0.5	
FERROUS IRON (mg/L)	-	-			NA	0.00	
SULFATE (mg/L SO ₄ ²⁻)	-	-			3.6"J"	25	
ALKALINITY (mg/L CaCO ₃)	-	-			NA	260	
DISSOLVED OXYGEN (mg/L)	-	-			3.31	0.14	

<0.21 = sample concentrations detected over the enforcement standard
<0.21 = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	MONITORING WELL MW7				
			Data provided by DNR		OMNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCs (µg/L)							
BENZENE	5	0.5	This monitoring well was installed on 5/8/01		<0.21	<0.21	
SEC-BUTYLBENZENE	-	-			<0.21	<0.21	
N-BUTYLBENZENE	-	-			<0.13	<0.13	
1,1-DICHLOROETHANE	850	85			<0.24	<0.24	
CIS-1,2-DICHLOROETHENE	70	7			<0.21	<0.21	
ETHYLBENZENE	700	140			<0.22	<0.22	
ISOPROPYLBENZENE	-	-			<0.19	<0.19	
P-ISOPROPYLBENZENE	-	-			<0.16	<0.16	
METHYLENE CHLORIDE	5	0.5			<0.22	<0.22	
MTBE	60	12			<0.46	<0.46	
NAPHTHALENE	40	8			<0.69	<0.69	
TETRACHLOROETHENE	5	0.5			<0.22	<0.22	
TOLUENE	1000	200			<0.41	<0.41	
1,1,1-TRICHLOROETHANE	200	40			<0.26	<0.26	
TRICHLOROETHENE	5	0.5			<0.24	<0.24	
1,2,4-TRIMETHYLBENZENE	480	96			<0.26	<0.26	
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)			<0.34	<0.34	
XYLENES	10000	1000			<0.43	<0.43	
DETECTED SEMIVOLATILES (µg/L)							
2-METHYLPHENOL	-	-			NA	NA	
4-METHYLPHENOL	-	-			NA	NA	
ISOPHORONE	-	-			NA	NA	
2,4-DIMETHYLPHENOL	-	-			NA	NA	
4-CHLORO-3-METHYLPHENOL	-	-			NA	NA	
2-METHYLNAPHTHALENE	-	-			NA	NA	
ACENAPHTHENE	-	-			<0.027	NA	
DIBENZOFURAN	-	-			NA	NA	
DIETHYLPHTHALATE	-	-			NA	NA	
FLUORENE	400	80			<0.029	NA	
PHENANTHRENE	-	-			<0.028	NA	
ANTHRACENE	3000	600			<0.027	NA	
CARBAZOLE	-	-			NA	NA	
DI-N-BUTYLPHTHALATE	-	-			NA	NA	
FLUORANTHENE	400	80			<0.021	NA	
NAPHTHALENE	40	8			0.039"J"	NA	
PYRENE	250	50			<0.024	NA	
BUTYLBENZYLPHTHALATE	-	-			NA	NA	
BIS(2-ETHYLHEXYL)PHTHALATE	-	-			NA	NA	
METHANE (µg/L)	-	-			<0.5	1.4	
NITROGEN (NITRATE) (mg/L)	-	-			1.2	2.9	
ETHANE (µg/L)	-	-			<0.5	<0.5	
ETHENE (µg/L)	-	-			<0.5	<0.5	
FERROUS IRON (mg/L)	-	-			NA	0.21	
SULFATE (mg/L SO ₄ ²⁻)	-	-			3.8	8	
ALKALINITY (mg/L CaCO ₃)	-	-			NA	120	
DISSOLVED OXYGEN (mg/L)	-	-			7.02	1.53	

[Symbol] = sample concentrations detected over the enforcement standard
 [Symbol] = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	MONITORING WELL MWS				
			Data provided by DNR		OMNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCS (µg/L)							
BENZENE	5	0.5	This monitoring well was installed on 5/8/01		<0.21	<0.21	
SEC-BUTYLBENZENE	-	-			<0.21	<0.21	
N-BUTYLBENZENE	-	-			<0.13	<0.13	
1,1-DICHLOROETHANE	850	85			<0.24	<0.24	
CIS-1,2-DICHLOROETHENE	70	7			<0.21	<0.21	
ETHYLBENZENE	700	140			<0.22	<0.22	
ISOPROPYLBENZENE	-	-			<0.19	<0.19	
P-ISOPROPYLBENZENE	-	-			<0.16	<0.16	
METHYLENE CHLORIDE	5	0.5			<0.22	<0.22	
MTBE	60	12			<0.46	<0.46	
NAPHTHALENE	40	8			<0.69	<0.69	
TETRACHLOROETHENE	5	0.5			<0.22	<0.22	
TOLUENE	1000	200			<0.41	<0.41	
1,1,1-TRICHLOROETHANE	200	40			<0.26	<0.26	
TRICHLOROETHENE	5	0.5			<0.24	<0.24	
1,2,4-TRIMETHYLBENZENE	480	96			<0.26	<0.26	
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)			<0.34	<0.34	
XYLENES	10000	1000			<0.43	<0.43	
DETECTED SEMIVOLATILES (µg/L)							
2-METHYLPHENOL	-	-			NA	NA	
4-METHYLPHENOL	-	-			NA	NA	
ISOPHORONE	-	-			NA	NA	
2,4-DIMETHYLPHENOL	-	-			NA	NA	
4-CHLORO-3-METHYLPHENOL	-	-			NA	NA	
2-METHYLNAPHTHALENE	-	-			NA	NA	
ACENAPHTHENE	-	-			<0.027	NA	
DIBENZOFURAN	-	-			NA	NA	
DIETHYLPHTHALATE	-	-			NA	NA	
FLUORENE	400	80			<0.029	NA	
PHENANTHRENE	-	-			<0.028	NA	
ANTHRACENE	3000	600			<0.027	NA	
CARBAZOLE	-	-			NA	NA	
DI-N-BUTYLPHTHALATE	-	-			NA	NA	
FLUORANTHENE	400	80			<0.021	NA	
NAPHTHALENE	40	8			<0.031	NA	
PYRENE	250	50			<0.024	NA	
BUTYLBENZYLPHTHALATE	-	-			NA	NA	
BIS(2-ETHYLHEXYL)PHTHALATE	-	-			NA	NA	
METHANE (µg/L)	-	-			NA	NA	
NITROGEN (NITRATE) (mg/L)	-	-			NA	NA	
ETHANE (µg/L)	-	-			NA	NA	
ETHENE (µg/L)	-	-			NA	NA	
FERROUS IRON (mg/L)	-	-			NA	NA	
SULFATE (mg/L SO ₄ ²⁻)	-	-			NA	NA	
ALKALINITY (mg/L CaCO ₃)	-	-			NA	NA	
DISSOLVED OXYGEN (mg/L)	-	-			3.61	0.16	

 = sample concentrations detected over the enforcement standard
 = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	MONITORING WELL MW9				
			Data provided by DNR		OMNNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCS (µg/L)							
BENZENE	5	0.5	This monitoring well was installed on 5/8/01		<0.21	<0.21	
SEC-BUTYLBENZENE	-	-			<0.21	<0.21	
N-BUTYLBENZENE	-	-			<0.13	<0.13	
1,1-DICHLOROETHANE	850	85			<0.24	<0.24	
CIS-1,2-DICHLOROETHENE	70	7			0.39"J"	<0.21	
ETHYLBENZENE	700	140			<0.22	<0.22	
ISOPROPYLBENZENE	-	-			<0.19	<0.19	
P-ISOPROPYLBENZENE	-	-			<0.16	<0.16	
METHYLENE CHLORIDE	5	0.5			<0.22	<0.22	
MTBE	60	12			<0.46	<0.46	
NAPHTHALENE	40	8			<0.69	<0.69	
TETRACHLOROETHENE	5	0.5			3.1	3.1	
TOLUENE	1000	200			<0.41	<0.41	
1,1,1-TRICHLOROETHANE	200	40			<0.26	<0.26	
TRICHLOROETHENE	5	0.5			9.2	2.9	
1,2,4-TRIMETHYLBENZENE	480	96			<0.26	<0.26	
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)			<0.34	<0.34	
XYLENES	10000	1000			<0.43	<0.43	
DETECTED SEMIVOLATILES (µg/L)							
2-METHYLPHENOL	-	-			NA	NA	
4-METHYLPHENOL	-	-			NA	NA	
ISOPHORONE	-	-			NA	NA	
2,4-DIMETHYLPHENOL	-	-			NA	NA	
4-CHLORO-3-METHYLPHENOL	-	-			NA	NA	
2-METHYLNAPHTHALENE	-	-			NA	NA	
ACENAPHTHENE	-	-			<0.027	NA	
DIBENZOFURAN	-	-			NA	NA	
DIETHYLPHTHALATE	-	-			NA	NA	
FLUORENE	400	80			<0.029	NA	
PHENANTHRENE	-	-			<0.028	NA	
ANTHRACENE	3000	600			<0.027	NA	
CARBAZOLE	-	-			NA	NA	
DI-N-BUTYLPHTHALATE	-	-			NA	NA	
FLUORANTHENE	400	80			<0.021	NA	
NAPHTHALENE	40	8			0.040"J"	NA	
PYRENE	250	50			<0.024	NA	
BUTYLBENZYLPHTHALATE	-	-			NA	NA	
BIS(2-ETHYLHEXYL)PHTHALATE	-	-			NA	NA	
METHANE (µg/L)	-	-			<0.5	<0.5	
NITROGEN (NITRATE) (mg/L)	-	-			2.1	4.5	
ETHANE (µg/L)	-	-			<0.5	<0.5	
ETHENE (µg/L)	-	-			<0.5	<0.5	
FERROUS IRON (mg/L)	-	-			NA	0.02	
SULFATE (mg/L SO ₄ ⁻²)	-	-			13	10	
ALKALINITY (mg/L CaCO ₃)	-	-			NA	140	
DISSOLVED OXYGEN (mg/L)	-	-			3.24	0.14	

 = sample concentrations detected over the enforcement standard
 = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

TABLE 4
SUMMARY OF GROUNDWATER ANALYSIS - HISTORICAL

PARAMETER	ES	PAL	MONITORING WELL TW1				
			Data provided by DNR		OMNI data collection		
SAMPLE DATE	-	-	May-94	7/14/98	11/1/99	5/25/01	8/29/01
DETECTED VOCs / PVOCs (µg/L)							
BENZENE	5	0.5	This monitoring well was installed on 5/8/01		<0.21	<0.21	
SEC-BUTYLBENZENE	-	-			<0.21	<0.21	
N-BUTYLBENZENE	-	-			<0.13	<0.13	
1,1-DICHLOROETHANE	850	85			<0.24	<0.24	
CIS-1,2-DICHLOROETHENE	70	7			<0.21	<0.21	
ETHYLBENZENE	700	140			<0.22	<0.22	
ISOPROPYLBENZENE	-	-			<0.19	<0.19	
P-ISOPROPYLBENZENE	-	-			<0.16	<0.16	
METHYLENE CHLORIDE	5	0.5			<0.22	<0.22	
MTBE	60	12			<0.46	<0.46	
NAPHTHALENE	40	8			<0.69	<0.69	
TETRACHLOROETHENE	5	0.5			<0.22	0.25"J"	
TOLUENE	1000	200			<0.41	<0.41	
1,1,1-TRICHLOROETHANE	200	40			<0.26	<0.26	
TRICHLOROETHENE	5	0.5			<0.24	<0.24	
1,2,4-TRIMETHYLBENZENE	480	96			<0.26	<0.26	
1,3,5-TRIMETHYLBENZENE	(combined)	(combined)			<0.34	<0.34	
XYLENES	10000	1000			<0.43	<0.43	
DETECTED SEMIVOLATILES (µg/L)							
2-METHYLPHENOL	-	-			NA	NA	
4-METHYLPHENOL	-	-			NA	NA	
ISOPHORONE	-	-			NA	NA	
2,4-DIMETHYLPHENOL	-	-			NA	NA	
4-CHLORO-3-METHYLPHENOL	-	-			NA	NA	
2-METHYLNAPHTHALENE	-	-			NA	NA	
ACENAPHTHENE	-	-			<0.027	<0.17	
DIBENZOFURAN	-	-			NA	NA	
DIETHYLPHTHALATE	-	-			NA	NA	
FLUORENE	400	80			<0.029	<0.33	
PHENANTHRENE	-	-			<0.028	0.11"J"	
ANTHRACENE	3000	600			0.035"J"	0.013"J"	
CARBAZOLE	-	-			NA	NA	
DI-N-BUTYLPHTHALATE	-	-			NA	NA	
FLUORANTHENE	400	80			<0.021	<0.36	
NAPHTHALENE	40	8			<0.031	<0.22	
PYRENE	250	50			<0.024	<0.059	
BUTYLBENZYLPHTHALATE	-	-			NA	NA	
BIS(2-ETHYLHEXYL)PHTHALATE	-	-			NA	NA	
METHANE (µg/L)	-	-			<0.5	2.1	
NITROGEN (NITRATE) (mg/L)	-	-			1.8	0.55	
ETHANE (µg/L)	-	-			<0.5	<0.5	
ETHENE (µg/L)	-	-			5.5	<0.5	
FERROUS IRON (mg/L)	-	-			NA	0.59	
SULFATE (mg/L SO ₄ ²⁻)	-	-			15	12	
ALKALINITY (mg/L CaCO ₃)	-	-			NA	300	
DISSOLVED OXYGEN (mg/L)	-	-			3.68	NA	

<0.21 = sample concentrations detected over the enforcement standard
<0.21 = sample concentrations detected over the preventive action limit
 NA = analyte was not analyzed
 ND = analyte was analyzed for, but not detected
 "J" = numerical value is an estimated quantity, analyte detected between limit of detection and limit of quantitation
 "B" = analyte was also present in the blank

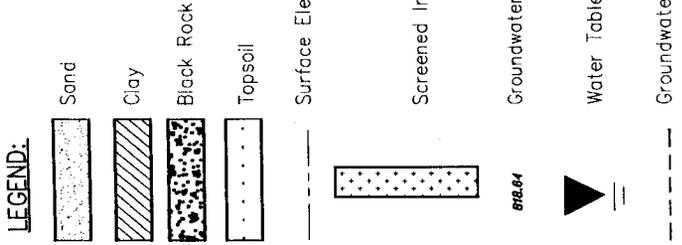
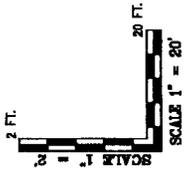


FIGURE 4
DIAGRAMMATIC CROSS-SECTION
OF STRATIGRAPHY FROM A TO A'

FORMER AMERICAN TOY &
 FURNITURE COMPANY
 HORTONVILLE, WISCONSIN



ONE SYSTEMS DRIVE
 APPLETON, WI 54914
 PHONE (920) 735-6600
 FAX (920) 630-6100

PROJECT MANAGER:	PROJECT NO. N1666A07
PROJECT ENGINEER:	CAD FILE NO. SITE
DRAWN BY:	SCALE:
REVIEWED BY:	D/D DATE: 9/24/01

