

GIS REGISTRY

Cover Sheet

July, 2008
(RR 5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

*WTM COORDINATES:

X: Y:

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

WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

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

Soil Contamination > *RCL or **SSRCL (232)

Contamination in ROW

Off-Source Contamination

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

Land Use Controls:

Soil: maintain industrial zoning (220)

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

Structural Impediment (224)

Site Specific Condition (228)

Cover or Barrier (222)

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

Vapor Mitigation (226)

Maintain Liability Exemption (230)

*(note: local government or economic
development corporation)*

Monitoring wells properly abandoned? (234)

Yes No N/A

** Residual Contaminant Level*

***Site Specific Residual Contaminant Level*

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

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

BRRTS #: PARCEL ID #:

ACTIVITY NAME: WTM COORDINATES: X: Y:

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

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Conditional Closure Letter**
- Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: **Title:**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: 1 **Title: Site Location Map**
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 2 **Title: Basemap**
- Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 4 **Title: Approximate Extent of Chlorinated VOC Soil Impacts**

BRRTS #: 02-36-262824

ACTIVITY NAME: Jagemann Stamping Co

MAPS (continued)

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

Figure #: 3 **Title: Cross Section A-A'**

Figure #: **Title:**

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

Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: 6 **Title: Estimated Extent of Chlorinated Groundwater Impacts**

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

Figure #: 5 **Title: Groundwater Table Contour Map (9/13/06) TCE and VC Concentrations**

Figure #: **Title:**

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

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

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

Table #: 2 **Title: Soil Analytical Results**

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

Table #: 4 **Title: Groundwater Analytical Results**

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

Table #: 3 **Title: Groundwater Field Data**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

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

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

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

BRRTS #: 02-36-262824

ACTIVITY NAME: Jagemann Stamping Co

NOTIFICATIONS

Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

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

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.
Number of "Off-Source" Letters:
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).
Number of "Governmental Unit/Right-Of-Way Owner" Letters: 1



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

January 17, 2008

Debra Berchem
Jagemann Stamping Company
PO Box 217
Manitowoc, WI 54221-0217

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Former Jagemann Stamping Company Site, 2814 Wollmer Street, Manitowoc
WDNR BRRTS Activity #: 02-36-262824

Dear Ms. Berchem:

The Department considers this case closed and no further investigation or remediation is required at this time. Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code.

On October 30, 2007, the Northeast Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On November 6, 2007, you were notified that the Closure Committee had granted conditional closure to this case.

On January 7, 2008, the Department received correspondence indicating that you have complied with the requirements of closure. The following documents were submitted:

- o Abandonment forms for the following wells: MW-10, MW-11, MW-12, MW-17R, MW20, MW-33, MW-34, PZ-21, GP-24, GP-29, GP-30, GP-31, GP-32, GP-35, GP-36, GP-37, GP-38, GP-39.
- o Disposal documentation for soil boring cuttings

GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Before the land use could be changed from industrial to non-industrial, additional environmental work must be completed
- A concrete Floor Cover (surface barrier) must be maintained over contaminated soil and the state must approve any changes to this barrier
- Groundwater contamination is present above Chapter NR 140 enforcement standards
- A passive soil venting system is in operation beneath the building floor

Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which the current property owner and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Remaining Residual Soil Contamination

Residual soil contamination remains at the following boring locations:

B-6A, B-8, B-9, GP-14, GP-15, GP-16, GP-17, GP-24, GP-27, and GP-28

If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the concrete floor cover that currently exists in the location shown on the attached "Exhibit A" site map shall be maintained in compliance with the attached **Surface Barrier Maintenance Plan** dated August 2007, in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

The attached maintenance plan and logs of annual inspections are to be kept up-to-date and on-site. The inspection log need only be submitted to the Department upon request.

Prohibited Activities

The following activities are prohibited on any portion of the property where the **Surface Barrier** is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Remaining Residual Groundwater Contamination

Groundwater impacted by chlorinated solvent contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present both on the contaminated property and off the contaminated property at the following well locations.

B-6, MW-10, MW-17R, GP-18, GP-23, GP-24, GP-29, GP-31, GP-32, GP-33, GP-36, and GP-38

Off-property owners have been notified of the presence of groundwater contamination. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

Vapor Migration

The former active soil vapor extraction system has been converted to a passive venting system to limit potential vapor migration into the building. The presence of the passive venting system is noted in the surface barrier maintenance plan. Depending on site-specific conditions, changes in construction of the concrete floor over contaminated materials may result in vapor migration into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Annette Weissbach at 920-662-5165 or Annette.weissbach@wisconsin.gov.

Sincerely,



Bruce Urban
Northeast Remediation & Redevelopment Team Supervisor

Attach: Surface Barrier Maintenance Plan with "Exhibit A" – site map

cc: Bob Mottl, STS Consultants, 1035 Kepler Drive, Green Bay, WI 54311

SURFACE BARRIER MAINTENANCE PLAN

Date: August 2007

Property Located at: Jagemann Stamping Company
2814 Wollmer Street
Manitowoc, Wisconsin 54221

WDNR BRRTS No. 02-36-262824

Introduction

This document is the Maintenance Plan for a concrete floor cover at the above-referenced property in accordance with the requirements of s.NR 724.13(2), Wisconsin Administrative Code. Maintenance activities relate to existing concrete floor surfaces occupying the area over a contaminated groundwater plume and impacted soil. The contaminated groundwater plume or soil is impacted by cis-1,2-dichloroethene, trichloroethene, and vinyl chloride. The location of the concrete surfaces to be maintained in accordance with this Maintenance Plan, as well as the impacted groundwater plume and soil, are identified on the attached map (Exhibit A - Approximate Extent of Chlorinated VOC Soil Impacts).

Cover and Building Barrier Purpose

Concrete floor surfaces over the contaminated groundwater plume and soil serve as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate groundwater standards in Chapter NR 140, Wisconsin Administrative Code. In addition, the passive soil vapor extraction (SVE) component remaining on site from a former active SVE system will allow passive venting to limit potential vapor migration into the building. Based on current and future use of the property, the barrier should function as intended unless disturbed.

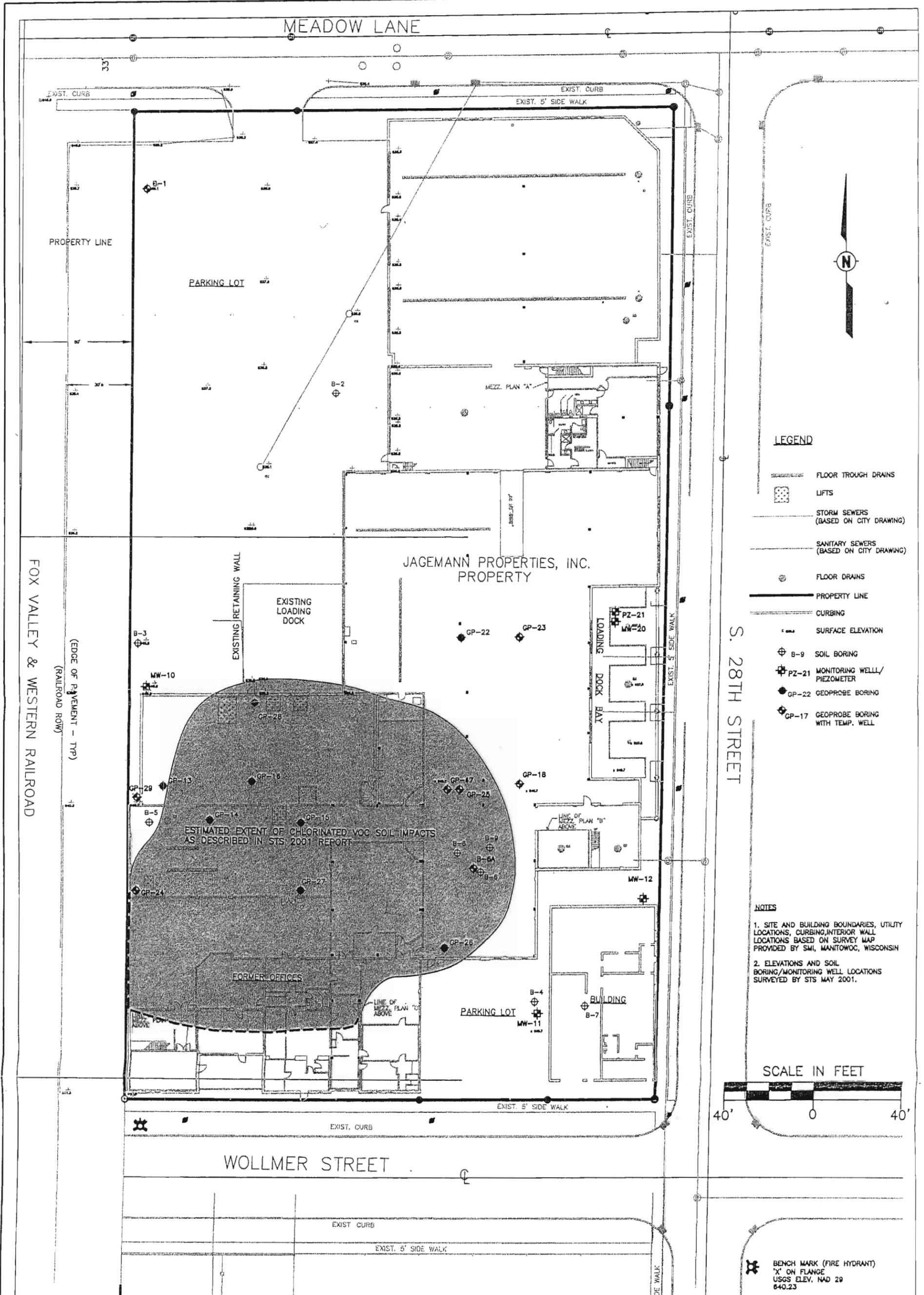
Annual Inspection

Concrete floor surfaces overlying the contaminated groundwater plume or soil, as depicted in Exhibit A, will be inspected once a year, normally in the summer, for deterioration, cracks, and other potential problems that can cause additional infiltration into, or exposure to, underlying soils. Inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age, and other factors. Any area where soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the property owner. The log

**Surface Barrier Maintenance Plan
Jagemann Stamping - Wollmer Street Property
Fall 2007**

Consultant: Mr. Bob Mottl
STS
1035 Kepler Drive
Green Bay, Wisconsin 54311
Phone: 920-468-1978

WDNR: Ms. Annette Weissbach
Wisconsin Department of Natural Resources
2984 Shawano Avenue
P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Phone: 920-662-5165



LEGEND

- FLOOR TROUGH DRAINS
- LIFTS
- STORM SEWERS (BASED ON CITY DRAWING)
- SANITARY SEWERS (BASED ON CITY DRAWING)
- FLOOR DRAINS
- PROPERTY LINE
- CURBING
- SURFACE ELEVATION
- B-9 SOIL BORING
- PZ-21 MONITORING WELL/ PIEZOMETER
- GP-22 GEOPROBE BORING
- GP-17 GEOPROBE BORING WITH TEMP. WELL

NOTES

1. SITE AND BUILDING BOUNDARIES, UTILITY LOCATIONS, CURBING, INTERIOR WALL LOCATIONS BASED ON SURVEY MAP PROVIDED BY SMI, MANITOWOC, WISCONSIN
2. ELEVATIONS AND SOIL BORING/MONITORING WELL LOCATIONS SURVEYED BY STS MAY 2001.

SCALE IN FEET



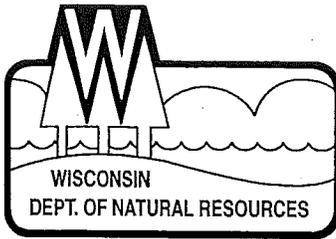
BENCH MARK (FIRE HYDRANT)
"X" ON FLANGE
USGS ELEV. NAD 29
640.23

Drawn: JLC 06/26/2001
Checked: CXM 06/26/2001
Approved: RKW 06/26/2001
PROJECT NUMBER: 200604972
FIGURE NUMBER: Exhibit A

FORMER JAGEMANN STAMPING COMPANY
2814 WOLLMER STREET
MANITOWOC, WISCONSIN

APPROXIMATE EXTENT OF CHLORINATED VOC SOIL IMPACTS

STS CONSULTANTS
1035 Kepler Drive
Green Bay, Wisconsin 5431
920-468-1978
www.stsconsultants.com
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State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

November 6, 2007

Debra Berchem
Jagemann Stamping Company
PO Box 217
Manitowoc, WI 54221-0217

SUBJECT: Conditional Closure Decision with Requirements to Achieve Final Closure
Former Jagemann Stamping Company Site, 2814 Wollmer Street, Manitowoc
WDNR BRRTS #: 02-36-262824

Dear Ms. Berchem:

On October 30, 2007, the Northeast Region (NER) Closure Committee reviewed your request for closure of the case described above. The NER Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the NER Closure Committee has determined that the chlorinated solvents contamination on the site 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 & VAPOR EXTRACTION WELL ABANDONMENT

The monitoring wells at the site 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.

It is understood that Jagemann has voluntarily chosen to modify the Soil Vapor Extraction (SVE) system lines to passively vent any potentially remaining vapors through a roof vent. If the passive venting system is discontinued in the future, at that time any associated vapor extraction wells must be properly abandoned and documented to the Department in compliance with ch. NR 141, Wis. Adm. Code.

PURGE WATER, WASTE AND SOIL PILE REMOVAL

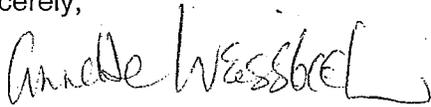
Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

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

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 920-662-5165 or annette.weissbach@wisconsin.gov.

Sincerely,



Annette Weissbach
Hydrogeologist
Remediation & Redevelopment Program

cc: Bob Mottl, STS Consultants, 1035 Kepler Drive, Green Bay, WI 54311

WARRANTY DEED

Document Number

Document Name



THIS DEED, made between Jagemann Stamping Company, a Wisconsin corporation, ("Grantor," whether one or more), and TMJ Investments, LLC, a Wisconsin limited liability company ("Grantee," whether one or more).

Grantor, for a valuable consideration, conveys to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Manitowoc County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

SEE ATTACHED LEGAL DESCRIPTION - Exhibit A

TRANSFER \$ 2601.00 FEE

W-7

STATE OF WI - MTWC CO PRESTON JONES REG/DEEDS RECEIVED FOR RECORD 12/28/2007 10:12:29 AM

Recording Area 15 + 2601ck

Name and Return Address Attorney Timothy A. Burkard Michael Best & Friedrich LLP 1000 Maritime Drive Manitowoc, WI 54220

052-553-001-020.00 052-553-002-050.00

Parcel Identification Number (PIN)

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

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except: SEE ATTACHED - Exhibit B

Dated December 27, 2007.

Authentication section with signature lines and asterisks.

AUTHENTICATION

Signature(s) Debra Berchem authenticated on December 27, 2007. Title: MEMBER STATE BAR OF WISCONSIN

JAGEMANN STAMPING COMPANY

Acknowledgment section with signature lines, seals, and asterisks.

ACKNOWLEDGMENT

STATE OF WISCONSIN) COUNTY) ss. Personally came before me on the above-named to me known to be the person(s) who executed the foregoing instrument and acknowledged the same.

THIS INSTRUMENT DRAFTED BY: Michael Best & Friedrich LLP Attorney Timothy A. Burkard

Notary Public, State of Wisconsin My Commission (is permanent) (expires:)

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

NOTE: THIS IS A STANDARD FORM. ANY MODIFICATIONS TO THIS FORM SHOULD BE CLEARLY IDENTIFIED.

WARRANTY DEED STATE BAR OF WISCONSIN FORM No. 1-2003

*Type name below signatures.



LEGAL DESCRIPTION

PARCEL 1: (Tax Key #52-553-001-020.00)

Lots Numbered One (1), Two (2), Three (3), Four (4) and Five (5) of Block Numbered One (1) of Pleuss Subdivision No. 1 in the City of Manitowoc, Manitowoc County, Wisconsin, according to the Recorded Plat of said Subdivision; AND ALSO

That portion of the Northeast Quarter (NE1/4) of the Northeast Quarter (NE1/4) of Section Numbered Twenty-five (25), Township Numbered Nineteen (19) North, Range Numbered Twenty-three (23) East, in the City of Manitowoc, Manitowoc County, Wisconsin, bounded as follows: on the North by the South line of Meadow Lane, on the South by the North line of Block 1 of Pleuss Subdivision No. 1, on the East by the West line of South 28th Street, and on the West by the East line of the railroad right-of-way.

PARCEL 2: (Tax Key #52-553-002-050.00)

Lot Numbered Five (5) in Block Numbered Two (2) of Pleuss Subdivision No. 1 in the City of Manitowoc, Manitowoc County, Wisconsin, according to the Recorded Plat of said Subdivision, AND

The Five (5) feet lying immediately West of, parallel with and adjacent to said Lot 5, Block 2, Pleuss Subdivision No. 1, being a part of the Northeast Quarter (NE1/4) of the Northeast Quarter (NE1/4) of Section Numbered Twenty-five (25), Township Numbered Nineteen (19) North, Range Numbered Twenty-three (23) East, in the City of Manitowoc, Manitowoc County, Wisconsin, more particularly described as follows:

Beginning at the point of intersection of the South line of Wollmer Street and a line drawn parallel with and 50 feet distant East of the center line of the railroad of the Manitowoc, Green Bay and Northwestern Railway Company (now the Chicago and North Western Railway Company) as said center line was originally staked out and located, as referred to in that certain Deed from the Manitowoc Land Improvement Company and the Wisconsin Central Railway Company to the above said Railway Company, filed on September 23, 1905 in Volume 86 of Deeds, page 127; thence Southerly along a line parallel with the said railroad center line, a distance of 125 feet; thence Westerly along a line at right angles to the last described course, a distance of 5 feet; thence Northerly along a line parallel with said railroad center line, a distance of 125 feet, more or less, to the Westerly extension of the South line of said Wollmer Street; thence Easterly, along said extended South line of Wollmer Street a distance of 5 feet, more or less, to the point of beginning.

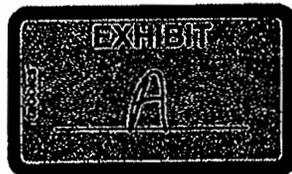




EXHIBIT B

1. Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and general taxes levied in the year of closing.
2. Terms and Conditions of Restrictions contained in Warranty Deed recorded in Volume 994, page 276, #704877 (Parcel 1).
3. Bus Shelter Easement to the City of Manitowoc recorded in Volume 1190, page 304, #777647 (Parcel 1).
4. Terms and conditions of reservation of mineral rights contained in Warranty Deed recorded in Volume 374, page 345, #419267 (Parcel 2).
5. Rights and easements, if any, in and to any and all railroad switches, sidetracks, spur tracks and rights of way located upon or appurtenant to the subject premises.

STATEMENT OF PROPERTY LEGAL DESCRIPTION

As required by s.NR726.05(3) of the Wisconsin Administrative Code, I am providing this signed statement that to the best of my knowledge the legal descriptions that are attached to this statement are complete and accurate for the Former Jagemann Stamping Company project site located at 2814 Wollmer Street, Manitowoc, Wisconsin.

x Debra Berchem
(Signature)

Date 5/16/07

Debra Berchem
(Name)

CFO
(Title)

Jagemann Stamping Co
(Company)

41974-T

LEGAL DESCRIPTION

Real property in the City of Manitowoc, County of Manitowoc, State of Wisconsin, and is described as follows:

PARCEL 1: 5757 West Custer Street, Manitowoc, Wisconsin 54220 (Tax Key #52-827-403-041.00)

Tract 1.1 of a Certified Survey being a Resurvey of Tract 1 of a Certified Survey Map recorded in Volume 17 of Certified Survey Maps, page 171, and Tract 1 of a Certified Survey Map recorded in Volume 17 of Certified Survey Maps, page 337 and Lot 1, Block 5 of Manitowoc I-43 Industrial Park Subdivision No. 2 located in part of the South One-half (S $\frac{1}{2}$) of the Southwest Quarter (SW $\frac{1}{4}$) and part of the South One-half (S $\frac{1}{2}$) of the Southeast Quarter (SE $\frac{1}{4}$) of Section Numbered Twenty-seven (27), Township Numbered Nineteen (19) North, Range Numbered Twenty-three (23) East and also part of the Northwest Quarter (NW $\frac{1}{4}$) of Section Numbered Thirty-four (34), Township Numbered Nineteen (19) North, Range Numbered Twenty-three (23) East, in the City of Manitowoc, as recorded in the Office of the Register of Deeds for Manitowoc County, Wisconsin in Volume 18 of Certified Survey Maps, page 129, #832047.

PARCEL 2: 2814 Wollmer Street, Manitowoc, Wisconsin 54220 (Tax Key #52-553-001-020.00)

Lots Numbered One (1), Two (2), Three (3), Four (4) and Five (5) of Block Numbered One (1) of Pleuss Subdivision No. 1 in the City of Manitowoc, Manitowoc County, Wisconsin, according to the Recorded Plat of said Subdivision; AND ALSO

That portion of the Northeast Quarter (NE $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of Section Numbered Twenty-five (25), Township Numbered Nineteen (19) North, Range Numbered Twenty-three (23) East, in the City of Manitowoc, Manitowoc County, Wisconsin, bounded as follows: on the North by the South line of Meadow Lane, on the South by the North line of Block 1 of Pleuss Subdivision No. 1, on the East by the West line of South 28th Street, and on the West by the East line of the railroad right-of-way.

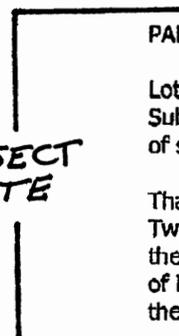
PARCEL 3: 2817 Wollmer Street, Manitowoc, Wisconsin 54220 (Tax Key #52-553-002-050.00)

Lot Numbered Five (5) in Block Numbered Two (2) of Pleuss Subdivision No. 1 in the City of Manitowoc, Manitowoc County, Wisconsin, according to the Recorded Plat of said Subdivision, AND

The Five (5) feet lying immediately West of, parallel with and adjacent to said Lot 5, Block 2, Pleuss Subdivision No. 1, being a part of the Northeast Quarter (NE $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of Section Numbered Twenty-five (25), Township Numbered Nineteen (19) North, Range Numbered Twenty-three (23) East, in the City of Manitowoc, Manitowoc County, Wisconsin, more particularly described as follows:

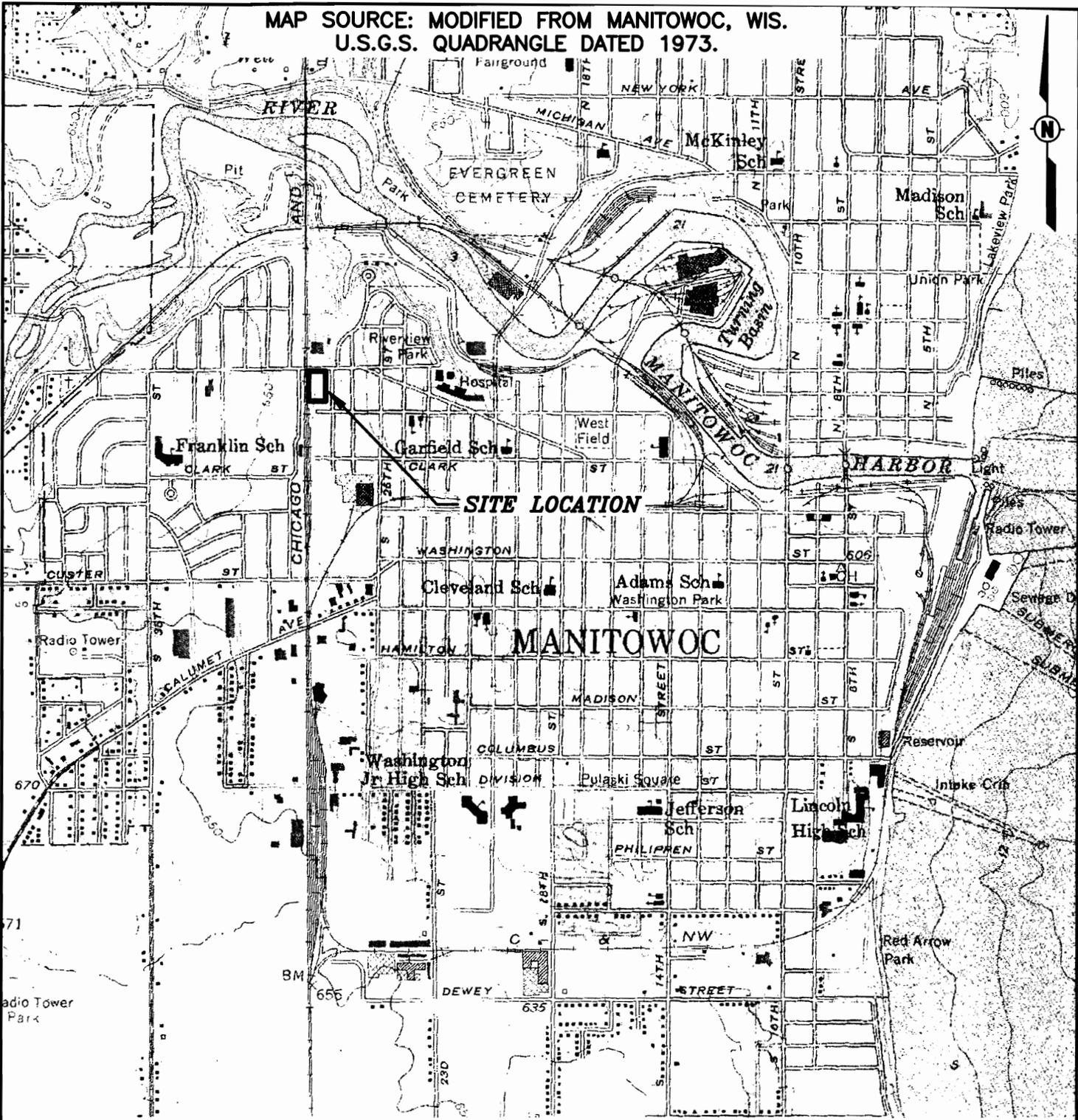
Beginning at the point of intersection of the South line of Wollmer Street and a line drawn parallel with and 50 feet distant East of the center line of the railroad of the Manitowoc, Green Bay and Northwestern Railway Company (now the Chicago and North Western Railway Company) as said center line was originally staked out and located, as referred to in that certain Deed from the Manitowoc Land Improvement Company and the Wisconsin Central Railway Company to the above said Railway Company, filed on September 23, 1905 in Volume 86 of Deeds, page 127; thence Southerly along a line parallel with the said railroad center line, a distance of 125 feet; thence Westerly along a line at right angles to the last described course, a distance of 5 feet; thence Northerly along a line parallel with said railroad center line, a distance of 125 feet, more or less, to the Westerly extension of the South line of said Wollmer Street; thence Easterly, along said extended South line of Wollmer Street a distance of 5 feet, more or less, to the point of beginning.

SUBJECT
SITE

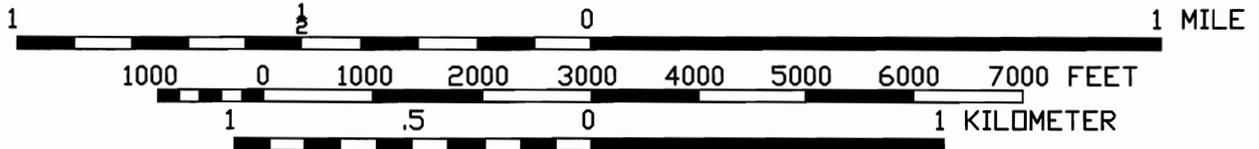


NOTE: INFORMATION FROM TITLE INSURANCE COMPANY

MAP SOURCE: MODIFIED FROM MANITOWOC, WIS.
U.S.G.S. QUADRANGLE DATED 1973.



SCALE



X:\PROJECTS\200604972\dwg\200604972_site map_fig1.dwg; 4/18/2007 4:17:20 PM; LEMMENS, JERRY R.



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Green Bay, WI 54311
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SITE LOCATION MAP
FORMER JAGEMANN STAMPING COMPANY
2814 WOLLMER STREET
MANITOWOC, WISCONSIN

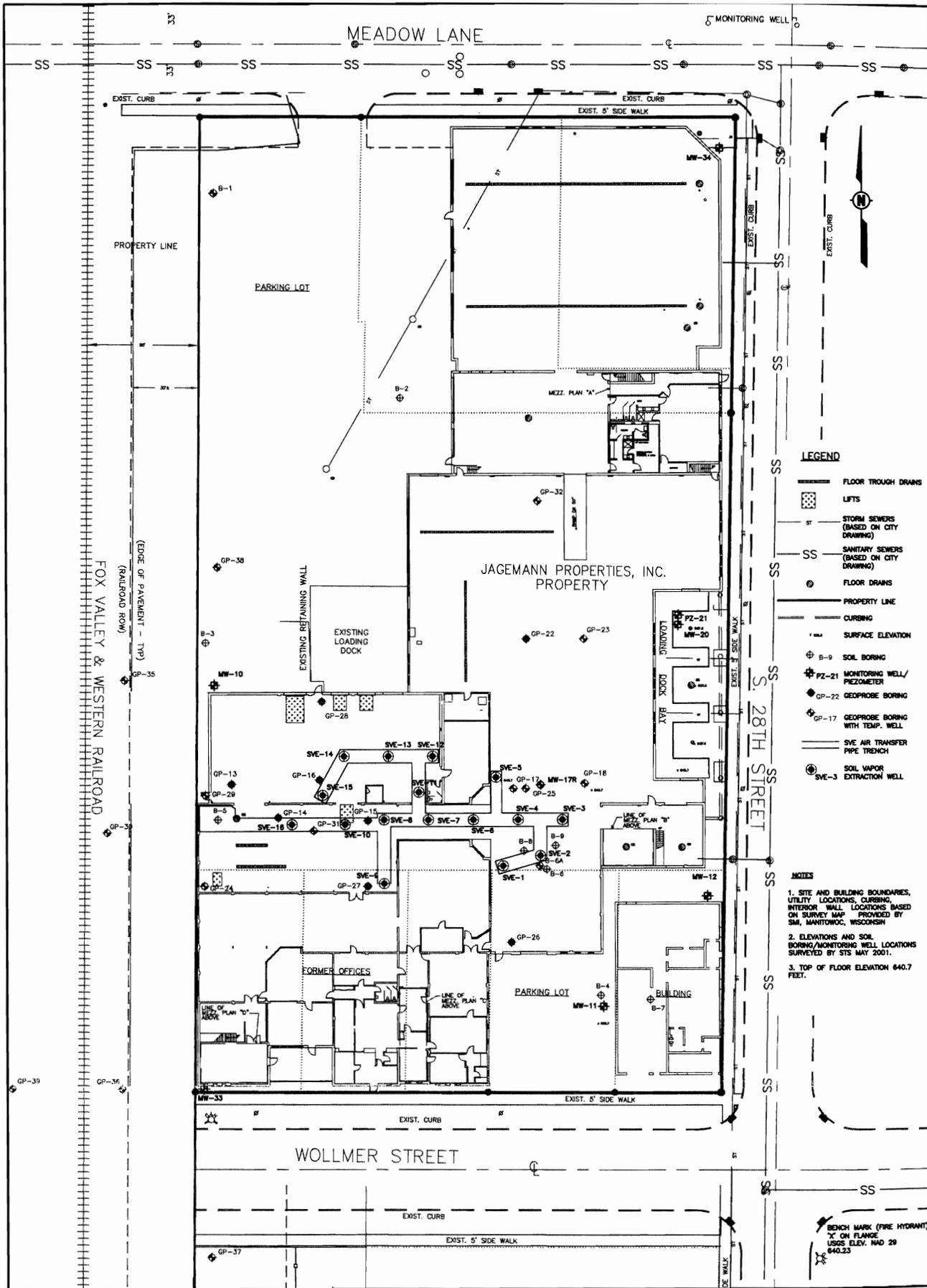
Drawn: JRL 04/18/2007

Checked: RJM 04/18/2007

Approved:

PROJECT NUMBER 200604972

FIGURE NUMBER 1



LEGEND

- FLOOR TROUGH DRAINS
- LIFTS
- ST STORM SEWERS (BASED ON CITY DRAWING)
- SS SANITARY SEWERS (BASED ON CITY DRAWING)
- FLOOR DRAINS
- PROPERTY LINE
- CURBING
- SURFACE ELEVATION
- B-9 SOIL BORING
- PZ-21 MONITORING WELL/ PIEZOMETER
- GP-22 GEOPROBE BORING
- GP-17 GEOPROBE BORING WITH TEMP. WELL
- SVE AIR TRANSFER PIPE TRENCH
- SVE-3 SOIL VAPOR EXTRACTION WELL

- NOTES**
1. SITE AND BUILDING BOUNDARIES, UTILITY LOCATIONS, CURBING, INTERIOR WALL LOCATIONS BASED ON SURVEY MAP PROVIDED BY SM, MANITOWOC, WISCONSIN
 2. ELEVATIONS AND SOIL BORING/MONITORING WELL LOCATIONS SURVEYED BY STS MAY 2001.
 3. TOP OF FLOOR ELEVATION 640.7 FEET.

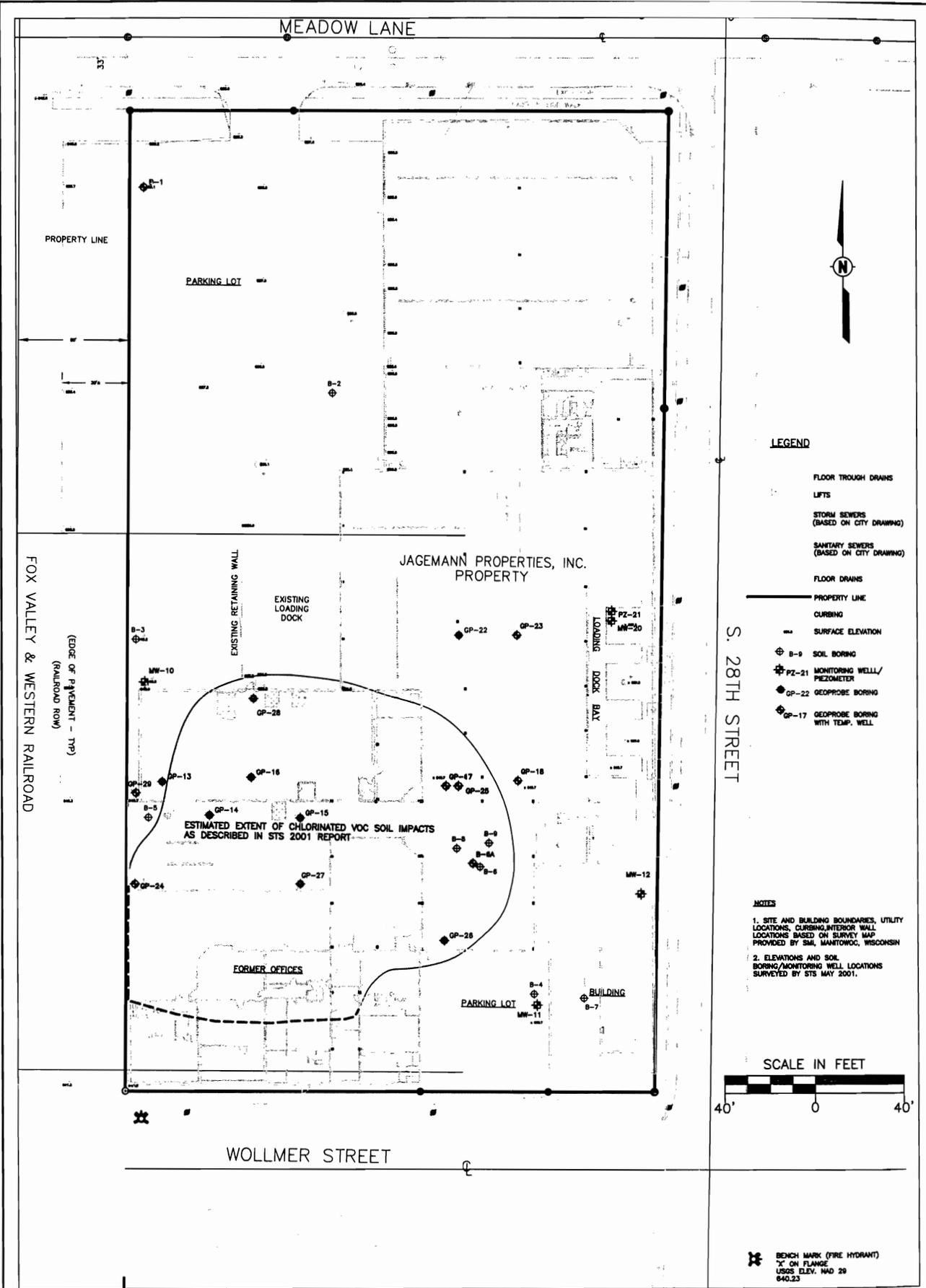
BENCH MARK (FIRE HYDRANT)
"X" ON FLANGE
640.5 ELEV. MAD 29
640.25

DATE	3/29/07
DRAWN BY	RLD
CHECKED BY	RLM
APPROVED BY	
PROJECT NUMBER	200604972
PLATE NUMBER	2

FORMER JAGEMANN STAMPING COMPANY
2814 WOLLMER STREET
MANITOWOC, WISCONSIN

BASE MAP

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- LEGEND**
- FLOOR TROUGH DRAINS
 - LIFTS
 - STORM SEWERS (BASED ON CITY DRAWING)
 - SANITARY SEWERS (BASED ON CITY DRAWING)
 - FLOOR DRAINS
 - PROPERTY LINE
 - CURBING
 - SURFACE ELEVATION
 - B-9 SOIL BORING
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 - GP-22 GEOPROBE BORING
 - GP-17 GEOPROBE BORING WITH TEMP. WELL

- NOTES**
1. SITE AND BUILDING BOUNDARIES, UTILITY LOCATIONS, CURBING, INTERIOR WALL LOCATIONS BASED ON SURVEY MAP PROVIDED BY SMI, MANITOWOC, WISCONSIN
 2. ELEVATIONS AND SOIL BORING/MONITORING WELL LOCATIONS SURVEYED BY STS MAY 2001.



BENCH MARK (FIRE HYDRANT)
 "X" ON FLANGE
 USGS ELEV. NAD 29
 640.23

Drawn: JLC 08/26/2001
 Checked: CMM 06/26/2001
 Approved: RWK 06/26/2001
 PROJECT NUMBER: 200604972
 FOLDER NUMBER: 4

FORMER JAGEMANN STAMPING COMPANY
 2814 WOLLMER STREET
 MANITOWOC, WISCONSIN
 APPROXIMATE EXTENT OF CHLORINATED VOC SOIL IMPACTS

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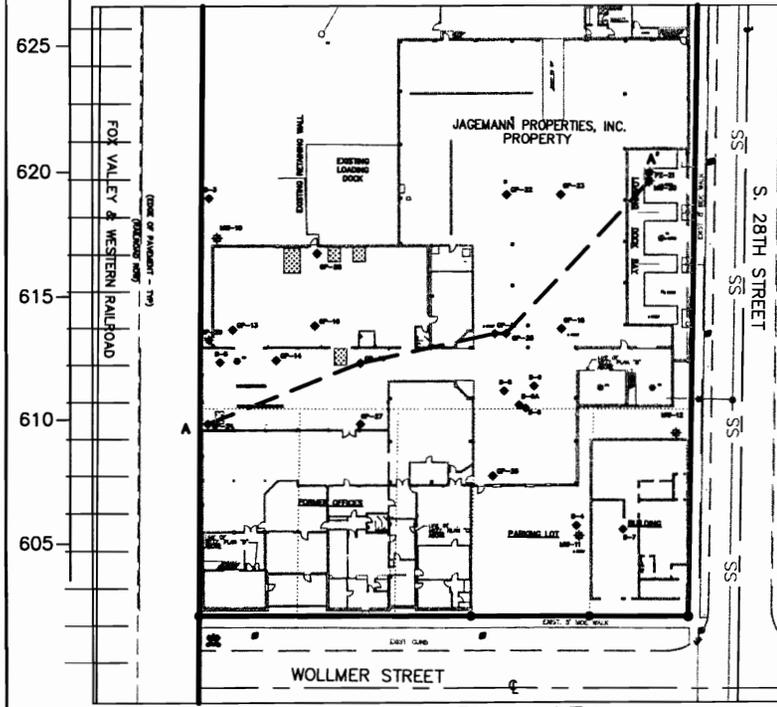
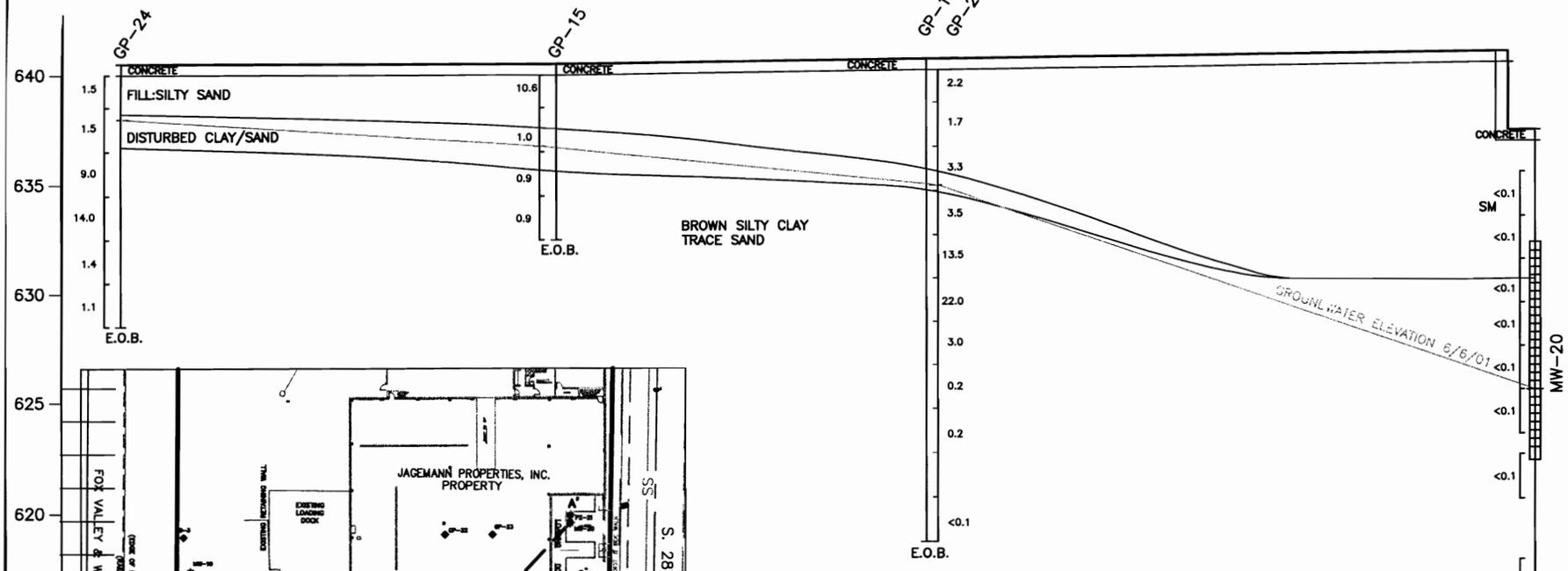
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FORMER JAGEMANN STAMPING COMPANY
 2814 WOLLMER STREET
 MANITOWOC, WISCONSIN
 CROSS-SECTION A-A'

Drawn: JLC 06/26/2001
 Checked: CXM 06/26/2001
 Approved: RKW 06/26/2001
 PROJECT NUMBER: 200604972
 FIGURE NUMBER: 3

A (SOUTH WEST)

(NORTH EAST) A'

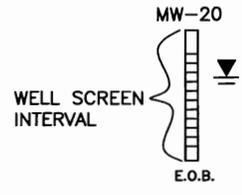


CROSS-SECTION INDEX

SCALE: HORIZONTAL 1"=20'
 VERTICAL: 1"=5'

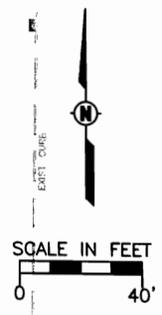
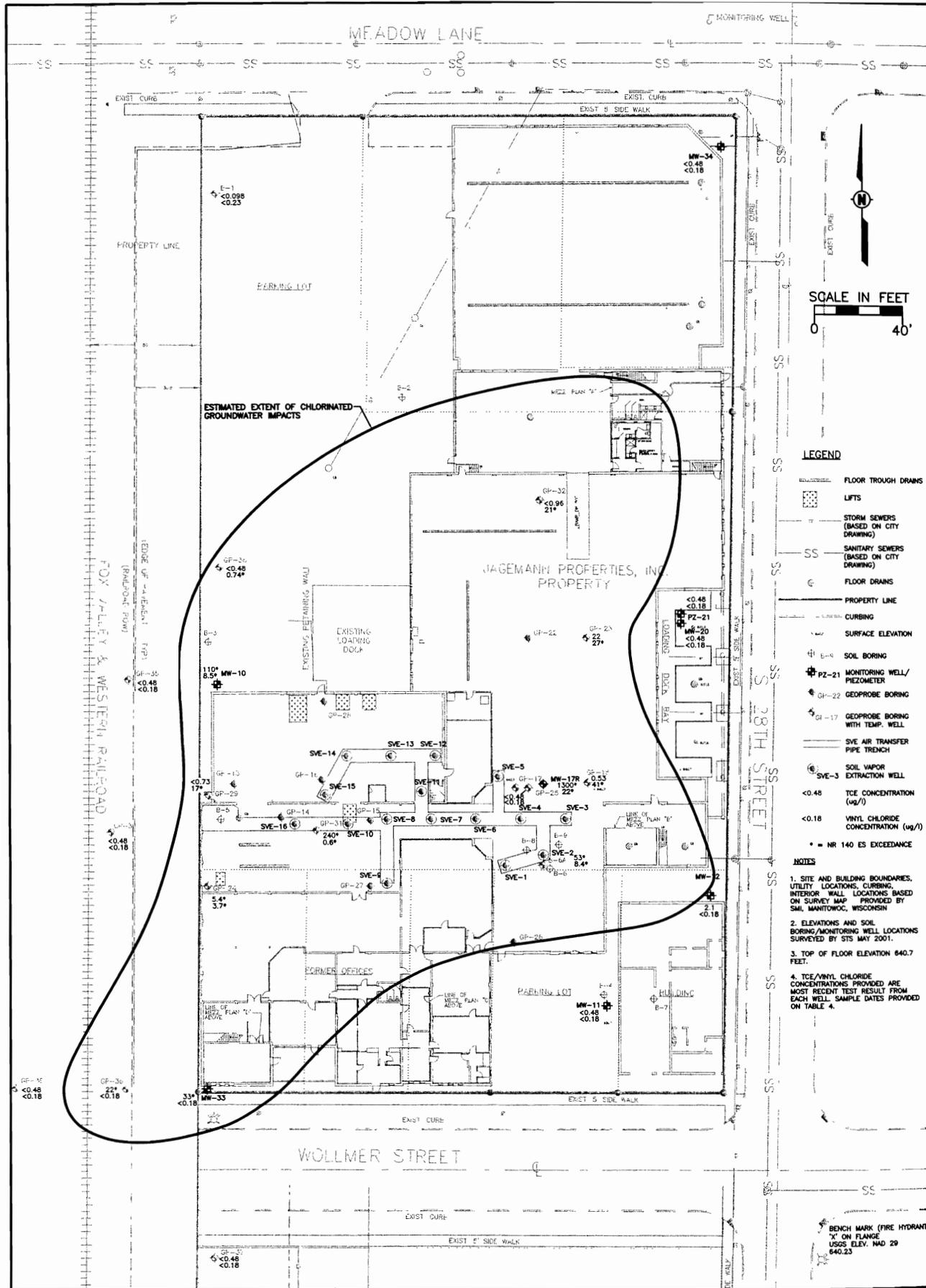
LEGEND

- GP-15 : SOIL BORING NUMBER
- 0.2 : PID READING
- E.O.B. : END OF BORING



GROUNDWATER ELEVATION 6-6-01
 END OF BORING

X:\PROJECTS\200604972\dwg\200604972_figure3.dwg: 4/19/2007 8:29:46 AM; LEMMENS, JERRY R.



- LEGEND**
- FLOOR TROUGH DRAINS
 - LIFTS
 - STORM SEWERS (BASED ON CITY DRAWING)
 - SANITARY SEWERS (BASED ON CITY DRAWING)
 - FLOOR DRAINS
 - PROPERTY LINE
 - CURBING
 - SURFACE ELEVATION
 - SOIL BORING
 - PZ-21 MONITORING WELL/ PIEZOMETER
 - GP-22 GEOPROBE BORING
 - GP-17 GEOPROBE BORING WITH TEMP. WELL
 - SVE AIR TRANSFER PIPE TRENCH
 - SVE-3 SOIL VAPOR EXTRACTION WELL
 - $<0.48</math> TCE CONCENTRATION (ug/l)$
 - $<0.18</math> VINYL CHLORIDE CONCENTRATION (ug/l)$
 - * = NR 140 ES EXCEEDANCE

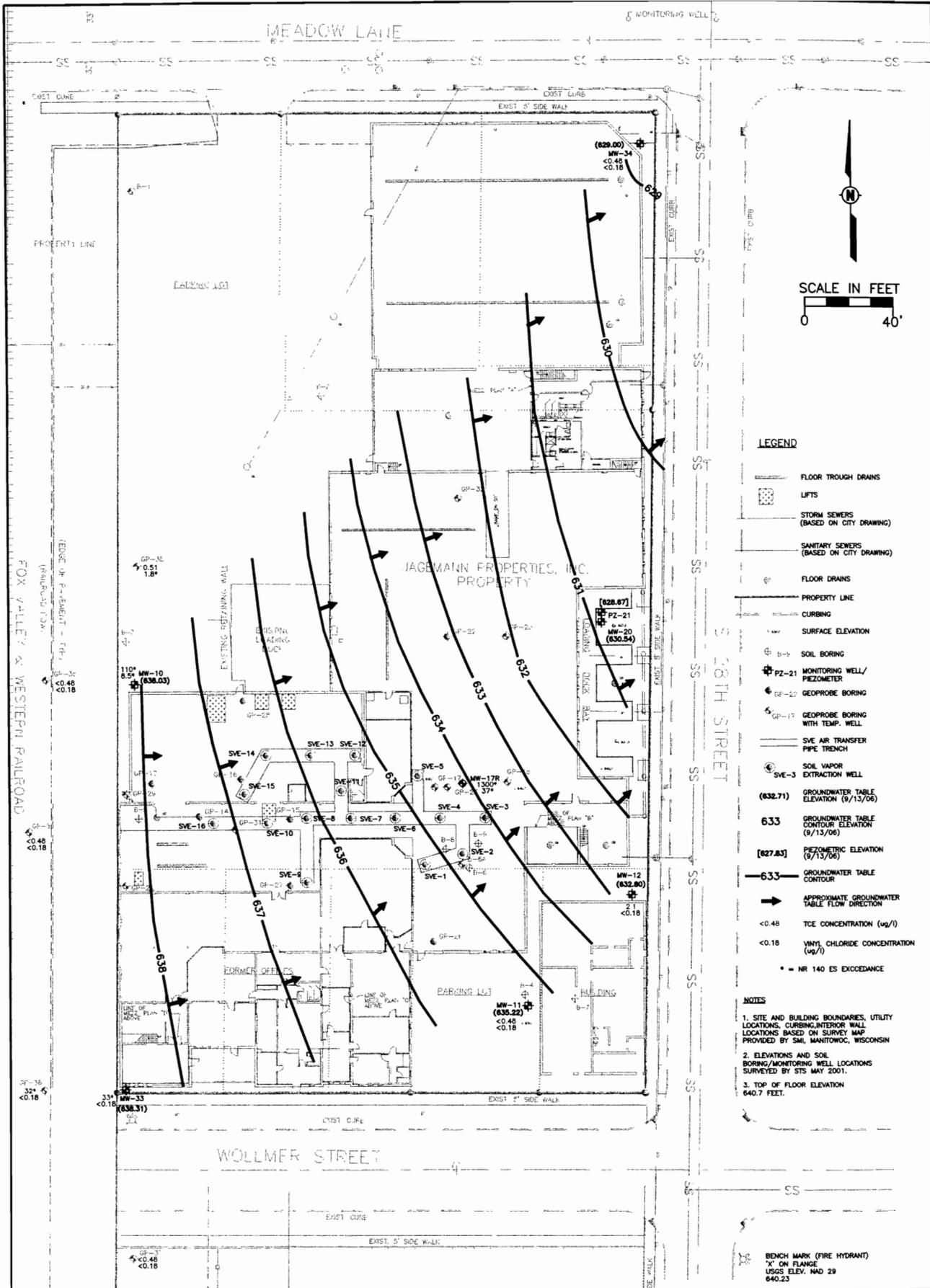
- NOTES**
1. SITE AND BUILDING BOUNDARIES, UTILITY LOCATIONS, CURBING, INTERIOR WALL LOCATIONS BASED ON SURVEY MAP PROVIDED BY SMI, MANITOWOC, WISCONSIN
 2. ELEVATIONS AND SOIL BORING/MONITORING WELL LOCATIONS SURVEYED BY STS MAY 2001.
 3. TOP OF FLOOR ELEVATION 640.7 FEET.
 4. TCE/VINYL CHLORIDE CONCENTRATIONS PROVIDED ARE MOST RECENT TEST RESULT FROM EACH WELL. SAMPLE DATES PROVIDED ON TABLE 4.

Drawn:	RJD	3/29/07
Checked:	RLM	3/29/07
Approved:		
PROJECT NUMBER:	200604972	
FOUR NUMBER:	6	

FORMER JAGEMANN STAMPING COMPANY
2814 WOLLMER STREET
MANITOWOC, WISCONSIN

ESTIMATED EXTENT OF CHLORINATED GROUNDWATER IMPACTS

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- LEGEND**
- FLOOR TROUGH DRAINS
 - LIFTS
 - STORM SEWERS (BASED ON CITY DRAWING)
 - SANITARY SEWERS (BASED ON CITY DRAWING)
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 - GP-17 GEOPROBE BORING WITH TEMP. WELL
 - SVE AIR TRANSFER PIPE TRENCH
 - SVE-3 SOIL VAPOR EXTRACTION WELL
 - (632.71) GROUNDWATER TABLE ELEVATION (9/13/06)
 - 633 GROUNDWATER TABLE CONTOUR ELEVATION (9/13/06)
 - [627.83] PIEZOMETRIC ELEVATION (9/13/06)
 - 633 GROUNDWATER TABLE CONTOUR
 - APPROXIMATE GROUNDWATER TABLE FLOW DIRECTION
 - <math><0.48</math> TCE CONCENTRATION (ug/l)
 - <math><0.18</math> VINYL CHLORIDE CONCENTRATION (ug/l)
 - * = NR 140 ES EXCEEDANCE

- NOTES**
1. SITE AND BUILDING BOUNDARIES, UTILITY LOCATIONS, CURBING/INTERIOR WALL LOCATIONS BASED ON SURVEY MAP PROVIDED BY SMI, MANITOWOC, WISCONSIN
 2. ELEVATIONS AND SOIL BORING/MONITORING WELL LOCATIONS SURVEYED BY STS MAY 2001.
 3. TOP OF FLOOR ELEVATION 640.7 FEET.

BENCH MARK (FIRE HYDRANT)
"X" ON FLANGE
USGS ELEV. MAD 29
640.23

PROJECT NUMBER	200604972
DATE	5
APPROVED	
CHECKED	RLM 10/20/06
DRAWN	RLD 10/20/06

**FORMER JAGEMANN STAMPING COMPANY
2814 WOLLMER STREET
MANITOWOC, WISCONSIN
GROUNDWATER TABLE CONTOUR MAP, (9/13/06) &
TCE AND VINYL CHLORIDE CONCENTRATIONS**

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Table 2
Soil Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

	Sample No.	B-1	B-2	B-3	B-4	B-5	B-6	B-7	NR 720 Direct Contact RCLs	
		S-2	S-3	S-2A	S-3	S-2	S-4	S-4		
		Sample Depth	2.5-4.5	5.0-7.0	3.0-4.5	5.0-7.0	2.0-4.0	6.0-8.0		
	PID Reading	<0.1	<0.1	<0.1	<0.1	30	2	6	Non-Industrial	Industrial
Metals	Units									
Cadmium	(mg/kg)	<0.28	0.38	<0.28	0.45	0.3	0.32	<0.28	8	510
Chromium	(mg/kg)	11	27	25	19	33	25	13	16000	nd
Lead	(mg/kg)	7.3	12	8.8	14	9.3	9.3	14	50	500

	Sample No.	B-1	B-2	B-3	B-4	B-5	B-6	B-7	Suggested Generic PAH RCLs (WDNR Interim PAH Guidance, 1997)												
									Sample Depth	2.5-4.5	5.0-7.0	3.0-4.5	5.0-7.0	2.0-4.0	6.0-8.0	6.0-6.6	Groundwater Pathway	Direct Contact Pathway			
																		Non-industrial		Industrial	
																		Ingestion	Inhalation	Ingestion	Inhalation
PAHs																					
Acenaphthene	(ug/kg)	<19	<21	<18	<19	<19	<20	<19	38,000	900,000	nd	60,000,000	nd								
Acenaphthylene	(ug/kg)	<22	<24	<22	<22	<23	<23	<22	700	18,000	51,000	390,000	360,000								
Anthracene	(ug/kg)	<18	<20	<18	<18	<19	<19	<18	3,000,000	5,000,000	nd	300,000,000	nd								
Benzo(a)anthracene	(ug/kg)	<23	<26	<23	<23	<24	<24	<23	17,000	88	11,000	3,900	150,000								
Benzo(a)pyrene	(ug/kg)	<18	<20	<18	<18	<18	<19	<18	48,000	8.8	1,600	390	22,000								
Benzo(b)fluoranthene	(ug/kg)	<18	<20	<18	<18	<18	<19	<18	360,000	88	4,600	3,900	65,000								
Benzo(g,h,i)perylene	(ug/kg)	<36	<40	<35	<36	<37	<38	<35	6,800,000	1,800	1,100,000	39,000	7,700,000								
Benzo(k)fluoranthene	(ug/kg)	<32	<36	<32	<32	<33	<34	<32	870,000	880	380,000	39,000	5,300,000								
Chrysene	(ug/kg)	<22	<24	<21	<22	<22	<23	<21	37,000	8,800	270,000	390,000	3,800,000								
Dibenzo(a,h)anthracene	(ug/kg)	<46	<51	<45	<46	<47	<48	<45	38000	8.8	7,800	390	110,000								
Fluoranthene	(ug/kg)	<14	<15	<14	<14	<14	<14	<14	500,000	600,000	nd	40,000,000	nd								
Fluorene	(ug/kg)	<23	<26	<23	<23	<24	<24	<23	100,000	600,000	nd	40,000,000	nd								
Indeno(1,2,3-cd)pyrene	(ug/kg)	<50	<55	<49	<50	<52	<52	<49	680,000	88	54,000	3,900	750,000								
1-Methylnapthalene	(ug/kg)	<20	<23	<20	<20	<21	<21	<20	23,000	1,100,000	nd	70,000,000	nd								
2-Methylnapthalene	(ug/kg)	<20	<23	<20	<20	<21	<21	<20	20,000	600,000	nd	40,000,000	nd								
Naphthalene	(ug/kg)	<17	<19	<17	<17	<18	<18	<17	400	60,000	20,000	4,000,000	110,000								
Phenanthrene	(ug/kg)	<19	<21	<18	<19	<19	<20	<19	1,800	18,000	160,000	390,000	1,100,000								
Pyrene	(ug/kg)	<17	<19	<17	<17	<18	<18	<17	8,700,000	500,000	nd	30,000,000	nd								

Notes:

RCL = Residual Contaminant Level

nd = not determined

Table 2
Soil Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	B-1 S-2 11/01/00 2.5-4.5	B-2 S-3 11/01/00 5.0-7.0	B-3 S-2A 11/01/00 3.0-4.5	B-4 S-3 11/01/00 5.0-7.0	B-5 S-2 11/01/00 2.0-4.0	B-6 S-4 11/01/00 6.0-8.0	B-6A		NR 720 RCL Groundwater Pathway	NR 746 - Values		EPA*	
								S-1 12/06/00 2.0-4.0	S-2 12/06/00 6.0-8.0		Table 1 Soil Screening	Table 2 Direct Contact	Region IX Res. PRGs	Generic SSL Ground- water
VOCs														
1,1,1-Trichloroethane	(ug/kg)	<20	<19	<20	<20	<19	<18	<19	<20	--	--	--	--	--
1,1,2,2-Tetrachloroethane	(ug/kg)	<35	<33	<34	<34	<33	<31	<34	<34	--	--	--	--	--
1,1,2-Trichloroethane	(ug/kg)	<13	<13	<13	<13	<13	<12	<13	<13	--	--	--	--	--
1,1-Dichloroethane	(ug/kg)	<9.9	<9.4	<9.6	<9.7	<9.4	<8.8	<9.5	<9.7	--	--	--	--	--
1,1-Dichloroethene	(ug/kg)	<19	<18	<18	<19	<18	<17	<18	<18	--	--	--	--	--
1,2,3-Trichlorobenzene	(ug/kg)	<63	<59	<61	<62	<60	<56	<60	<61	--	--	--	--	--
1,2,4-Trichlorobenzene	(ug/kg)	<69	<66	<68	<68	<66	<62	<67	<68	--	--	--	--	--
1,2,4-Trimethylbenzene	(ug/kg)	<31	<29	<30	<30	40	<28	62	<30	--	83,000	--	5200	--
1,2-Dibromo-3-chloropropane	(ug/kg)	<98	<93	<95	<96	<93	<87	<94	<96	--	--	--	--	--
1,2-Dibromoethane	(ug/kg)	<27	<25	<26	<26	<26	<24	<26	<26	--	--	--	--	--
1,2-Dichlorobenzene	(ug/kg)	<25	<24	<25	<25	<24	<23	<24	<25	--	--	--	--	--
1,2-Dichloroethane	(ug/kg)	<23	<22	<23	<23	<22	<21	<22	<23	4.9	600	540	--	--
1,2-Dichloropropane	(ug/kg)	<6.3	<5.9	<6.1	<6.2	<6.0	<5.6	<6.0	<6.2	--	--	--	--	--
1,3,5-Trimethylbenzene	(ug/kg)	<23	<22	<23	<23	<22	<21	<22	<23	--	11,000	--	--	--
1,3-Dichlorobenzene	(ug/kg)	<32	<31	<32	<32	<31	<29	<31	<32	--	--	--	--	--
1,3-Dichloropropane	(ug/kg)	<17	<17	<17	<17	<17	<16	<17	<17	--	--	--	--	--
1,4-Dichlorobenzene	(ug/kg)	<30	<29	<29	<30	<29	<27	<29	<30	--	--	--	--	--
2,2-Dichloropropane	(ug/kg)	<52	<49	<51	<51	<50	<46	<50	<51	--	--	--	--	--
2-Chlorotoluene	(ug/kg)	<17	<16	<16	<16	<16	<15	<16	<16	--	--	--	--	--
4-Chlorotoluene	(ug/kg)	<44	<41	<43	<43	<42	<39	<42	<43	--	--	--	--	--
Benzene	(ug/kg)	<13	<12	<12	<12	<12	<11	<12	<12	5.5	8500	1100	--	--
Bromobenzene	(ug/kg)	<23	<21	<22	<22	<20	<22	<22	<22	--	--	--	--	--
Bromodichloromethane	(ug/kg)	<17	<16	<16	<16	<16	<15	<16	<16	--	--	--	1000	600
Carbon Tetrachloride	(ug/kg)	<15	<14	<15	<15	<15	<14	<15	<15	--	--	--	--	--
Chlorobenzene	(ug/kg)	<6.4	<6.1	<6.2	<6.3	<6.1	<5.7	<6.2	<6.3	--	--	--	--	--
Chloroethane	(ug/kg)	<17	<16	<17	<17	<16	<15	<17	<17	--	--	--	--	--
Chloroform	(ug/kg)	<12	<11	<12	<12	<12	<11	<12	<12	--	--	--	--	--
Chloromethane	(ug/kg)	<18	<17	<18	<18	<18	<16	<18	<18	--	--	--	--	--
cis 1,2-Dichloroethene	(ug/kg)	<12	<12	<12	<12	<12	294	9840	1940	--	--	--	43000	400
di-Isopropyl ether	(ug/kg)	<27	<25	<26	<26	<26	<24	NA	NA	--	--	--	--	--
Dibromochloromethane	(ug/kg)	<13	<12	<12	<13	<12	<11	<12	<13	--	--	--	--	--
Dichlorodifluoromethane	(ug/kg)	<25	<24	<25	<25	<24	<23	<25	<25	--	--	--	--	--
nd = not determined		<13	<12	<13	<13	<12	<12	<12	<13	2900	4600	--	--	--
Hexachlorobutadiene	(ug/kg)	<63	<60	<62	<62	<60	<56	<61	<62	--	--	--	--	--
Isopropylbenzene	(ug/kg)	<15	<15	<15	<15	<15	<14	<15	<15	--	--	--	--	--
Methyl-tertiary-butyl ether	(ug/kg)	<13	<12	<13	<13	<13	<12	NA	NA	--	--	--	--	--
Methylene Chloride	(ug/kg)	<53	<50	<52	<52	<51	<47	<51	<52	--	--	--	--	--
n-Butylbenzene	(ug/kg)	<51	<48	<49	<50	<48	<45	<49	<50	--	--	--	--	--
n-Propylbenzene	(ug/kg)	<24	<23	<23	<23	<23	<21	<23	<23	--	--	--	--	--
Naphthalene	(ug/kg)	<36	<34	<35	<35	177	<32	125	45	400/20000**	2700	--	--	--
p-Isopropyltoluene	(ug/kg)	<35	<33	<34	<34	<33	<31	<33	<34	--	--	--	--	--
sec-Butylbenzene	(ug/kg)	<23	<22	<23	<23	<22	<21	<22	<23	--	--	--	--	--
tert-Butylbenzene	(ug/kg)	<19	<18	<18	<19	<18	<17	<18	<18	--	--	--	--	--
Tetrachloroethene	(ug/kg)	<22	<21	<22	<22	<21	<20	<22	<22	--	--	--	--	--
Toluene	(ug/kg)	33	<7.0	<7.2	<7.2	<7.0	<6.6	31	<7.2	1500	38,000	--	--	--
trans 1,2-Dichloroethene	(ug/kg)	<14	<13	<14	<14	<13	<13	562	117	--	--	--	63000	700
Trichloroethene	(ug/kg)	<14	<13	<14	<14	31	100	1020	138	--	--	--	2800	60
Trichlorofluoromethane	(ug/kg)	<18	<17	<18	<18	<17	<16	<18	<18	--	--	--	--	--
Vinyl Chloride	(ug/kg)	<19	<18	<18	<19	<18	<17	100	<18	--	--	--	22	10
Xylenes	(ug/kg)	<26	<25	<26	<26	<25	<23	65	<26	4100	42,000	--	--	--

Notes:

RCL = Residual Contaminant Level

100 Exceeds Groundwater Pathway RCL/SSL.

100 Exceeds Groundwater and Direct Contact Pathway RCL/SSL.

* EPA Values Provided for Detected Compounds Without Wisconsin Generic RCLs

Region IX PRGs = EPA Region IX Preliminary Remediation Goals (PRGs) for residential (i.e., non-industrial) soil based on an excess cancer risk of 1E-06 for carcinogens and a hazard quotient of 1 for non-carcinogens using the integrated value. (<http://www.epa.gov/region09/waste/sfund/prg/index.htm>)

Generic SSL Groundwater = EPA 1996 Soil Screening Guidance: Technical Background Document - Appendix A Generic Soil Screening Levels (SSLs) for migration to groundwater assuming a dilution attenuation factor of 20.

**Generic RCLs from the WDNR's Interim PAH Guidance (Groundwater Pathway/Direct Contact).

Table 2
Soil Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	B-7 S-4	B-8		B-9		GP-13	GP-14	NR 720 RCL Groundwater	NR 746 - Values		EPA*	
		S-1 12/06/00	S-2 12/06/00	S-1 12/06/00	S-2 12/06/00	03/05/01	03/05/01		Table 1	Table 2	Region IX	Generic SSL
									Soil Screening	Direct Contact	Res. PRGs	Ground- water
	Date 11/01/00											
	Sample Depth 6.0-6.6	2.0-4.0	6.0-8.0	2.0-4.0	6.0-8.0			Pathway				
VOCs												
1,1,1-Trichloroethane	(ug/kg)	<19	<21	<17	<20	<17	<20	--	--	--	--	--
1,1,2,2-Tetrachloroethane	(ug/kg)	<33	<36	<29	<35	<30	<34	--	--	--	--	--
1,1,2-Trichloroethane	(ug/kg)	<13	<14	<11	<13	<12	<13	--	--	--	--	--
1,1-Dichloroethane	(ug/kg)	<9.4	<10	<8.1	<9.9	<8.5	<9.6	--	--	--	--	--
1,1-Dichloroethene	(ug/kg)	<18	<20	<15	<19	<16	<18	--	--	--	--	--
1,2,3-Trichlorobenzene	(ug/kg)	<60	<65	<51	<63	<54	<61	--	--	--	--	--
1,2,4-Trichlorobenzene	(ug/kg)	<66	<72	<57	<70	<60	<68	--	--	--	--	--
1,2,4-Trimethylbenzene	(ug/kg)	<30	<32	<25	<31	<27	<30	--	83,000	--	5200	--
1,2-Dibromo-3-chloropropane	(ug/kg)	<93	<101	<80	<98	<84	<95	--	--	--	--	--
1,2-Dibromoethane	(ug/kg)	<26	<28	<22	<27	<23	<26	--	--	--	--	--
1,2-Dichlorobenzene	(ug/kg)	<24	<26	<21	<25	<22	<25	--	--	--	--	--
1,2-Dichloroethane	(ug/kg)	<22	<24	<19	<23	<20	<23	4.9	600	540	--	--
1,2-Dichloropropane	(ug/kg)	<6.0	<6.5	<5.1	<6.3	<5.4	<6.1	--	--	--	--	--
1,3,5-Trimethylbenzene	(ug/kg)	<22	<24	<19	<23	<20	<23	--	11,000	--	--	--
1,3-Dichlorobenzene	(ug/kg)	<31	<34	<27	<33	<28	<32	--	--	--	--	--
1,3-Dichloropropane	(ug/kg)	<17	<18	<14	<18	<15	<17	--	--	--	--	--
1,4-Dichlorobenzene	(ug/kg)	<29	<31	<25	<30	<26	<29	--	--	--	--	--
2,2-Dichloropropane	(ug/kg)	<50	<54	<42	<52	<45	<50	--	--	--	--	--
2-Chlorotoluene	(ug/kg)	<16	<17	<14	<17	<14	<16	--	--	--	--	--
4-Chlorotoluene	(ug/kg)	<42	<45	<36	<44	<38	<43	--	--	--	--	--
Benzene	(ug/kg)	<12	<13	<10	<13	<11	<12	5.5	8500	1100	--	--
Bromobenzene	(ug/kg)	<22	<23	<18	<20	<22	<22	--	--	--	--	--
Bromodichloromethane	(ug/kg)	<16	<17	<14	<17	<14	<16	--	--	--	1000	600
Carbon Tetrachloride	(ug/kg)	<15	<16	<12	<15	<13	<15	--	--	--	--	--
Chlorobenzene	(ug/kg)	<6.1	<6.6	<5.3	<6.4	<5.5	<6.2	--	--	--	--	--
Chloroethane	(ug/kg)	<16	<18	<14	<17	<15	<17	--	--	--	--	--
Chloroform	(ug/kg)	<11	<12	<9.7	<12	<10	<12	--	--	--	--	--
Chloromethane	(ug/kg)	<18	<19	<15	<18	<16	<18	--	--	--	--	--
cis 1,2-Dichloroethene	(ug/kg)	<12	416	529	150	<11	37	--	--	--	43000	400
di-Isopropyl ether	(ug/kg)	<26	NA	NA	NA	<23	<26	--	--	--	--	--
Dibromochloromethane	(ug/kg)	<12	<13	<11	<13	<11	<12	--	--	--	--	--
Dichlorodifluoromethane	(ug/kg)	<24	<26	<21	<26	<22	<25	--	--	--	--	--
nd = not determined		<12	17	<11	<13	<11	<13	2900	4600	--	--	--
Hexachlorobutadiene	(ug/kg)	<60	<65	<52	<63	<55	<62	--	--	--	--	--
Isopropylbenzene	(ug/kg)	<15	<16	<13	<16	<13	<15	--	--	--	--	--
Methyl-tertiary-butyl ether	(ug/kg)	<13	NA	NA	NA	<11	<13	--	--	--	--	--
Methylene Chloride	(ug/kg)	<51	<55	<43	<53	<46	<52	--	--	--	--	--
n-Butylbenzene	(ug/kg)	<48	<52	<41	<51	<44	<49	--	--	--	--	--
n-Propylbenzene	(ug/kg)	<23	<25	<20	<24	<21	<23	--	--	--	--	--
Naphthalene	(ug/kg)	<34	<37	38	41	<31	<35	400/20000**	2700	--	--	--
p-Isopropyltoluene	(ug/kg)	<33	<36	<28	<35	<30	<34	--	--	--	--	--
sec-Butylbenzene	(ug/kg)	<22	<24	<19	<23	<20	<23	--	--	--	--	--
tert-Butylbenzene	(ug/kg)	<18	<20	<15	<19	<16	<18	--	--	--	--	--
Tetrachloroethene	(ug/kg)	<21	<23	<18	<22	<19	<22	--	--	--	--	--
Toluene	(ug/kg)	8.1	13	36	33	<6.4	<7.2	1500	38,000	--	--	--
trans 1,2-Dichloroethene	(ug/kg)	<13	59	47	108	<12	<14	--	--	--	63000	700
Trichloroethene	(ug/kg)	<14	2640	629	318	<12	89	--	--	--	2800	60
Trichlorofluoromethane	(ug/kg)	<17	<17	<15	<18	<16	<18	--	--	--	--	--
Vinyl Chloride	(ug/kg)	<18	76	543	<15	<16	<18	--	--	--	22	10
Xylenes	(ug/kg)	<25	37	38	51	<23	<25	4100	42,000	--	--	--

Notes:

RCL = Residual Contaminant Level

100 Exceeds Groundwater Pathway RCL/SSL.

100 Exceeds Groundwater and Direct Contact Pathway RCL/SSL.

* EPA Values Provided for Detected Compounds Without Wisconsin Generic RCLs

Region IX PRGs = EPA Region IX Preliminary Remediation Goals (PRGs) for residential (i.e., non-industrial) soil based on an excess cancer risk of 1E-06 for carcinogens and a hazard quotient of 1 for non-carcinogens using the integrated value. (<http://www.epa.gov/region09/waste/sfund/prg/index.htm>)

Generic SSL Groundwater = EPA 1996 Soil Screening Guidance: Technical Background Document - Appendix A Generic Soil Screening Levels (SSLs) for migration to groundwater assuming a dilution attenuation factor of 20.

**Generic RCLs from the WDNR's Interim PAH Guidance (Groundwater Pathway/Direct Contact).

Table 2
Soil Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	GP-15		GP-16	GP-17		GP-18	GP-22	GP-23	NR 720 RCL Groundwater Pathway	NR 746 - Values		EPA*	
		S-1	S-3	S-3	S-2	S-6	S-5	S-1	S-4		Table 1	Table 2	Region IX	Generic SSL
		03/05/01	03/05/01	03/05/01	03/05/01	03/05/01	03/05/01	03/05/01	05/15/01		05/15/01	Soil Screening	Direct Contact	Res. PRGs
Sample Depth														
VOCs														
1,1,1-Trichloroethane	(ug/kg)	<17	<20	<19	<17	<18	<18	<25	<25	--	--	--	--	--
1,1,2,2-Tetrachloroethane	(ug/kg)	<29	<35	<33	<29	<31	<31	<25	<25	--	--	--	--	--
1,1,2-Trichloroethane	(ug/kg)	<11	<13	<12	<11	<12	<12	<25	<25	--	--	--	--	--
1,1-Dichloroethane	(ug/kg)	<8.2	<9.9	<9.2	<8.3	<8.7	<8.7	<25	<25	--	--	--	--	--
1,1-Dichloroethene	(ug/kg)	<16	<19	<18	<16	<17	<17	<25	<25	--	--	--	--	--
1,2,3-Trichlorobenzene	(ug/kg)	<52	<63	<59	<52	<55	<55	<25	<25	--	--	--	--	--
1,2,4-Trichlorobenzene	(ug/kg)	<58	<70	<65	<58	<61	<61	<25	<25	--	--	--	--	--
1,2,4-Trimethylbenzene	(ug/kg)	<26	<31	<29	<26	<27	<27	<25	<25	--	83,000	--	5200	--
1,2-Dibromo-3-chloropropane	(ug/kg)	<81	<98	<91	<82	<86	<86	<25	<25	--	--	--	--	--
1,2-Dibromoethane	(ug/kg)	<22	<27	<25	<22	<24	<24	NA	NA	--	--	--	--	--
1,2-Dichlorobenzene	(ug/kg)	<21	<25	<24	<21	<22	<22	<25	<25	--	--	--	--	--
1,2-Dichloroethane	(ug/kg)	<19	<23	<22	<20	<21	<21	<25	<25	4.9	600	540	--	--
1,2-Dichloropropane	(ug/kg)	<5.2	<6.3	<5.9	<5.3	<5.5	<5.5	<25	<25	--	--	--	--	--
1,3,5-Trimethylbenzene	(ug/kg)	<19	<23	<22	<19	<20	<20	<25	<25	--	11,000	--	--	--
1,3-Dichlorobenzene	(ug/kg)	<27	<33	<30	<27	<29	<29	<25	<25	--	--	--	--	--
1,3-Dichloropropane	(ug/kg)	<15	<18	<16	<15	<15	<15	<25	<25	--	--	--	--	--
1,4-Dichlorobenzene	(ug/kg)	<25	<30	<28	<25	<27	<27	<25	<25	--	--	--	--	--
2,2-Dichloropropane	(ug/kg)	<43	<52	<48	<43	<46	<46	NA	NA	--	--	--	--	--
2-Chlorotoluene	(ug/kg)	<14	<17	<16	<14	<15	<15	<25	<25	--	--	--	--	--
4-Chlorotoluene	(ug/kg)	<36	<44	<41	<37	<39	<39	<25	<25	--	--	--	--	--
Benzene	(ug/kg)	<10	<13	<12	<11	<11	<11	<25	<25	5.5	8500	1100	--	--
Bromobenzene	(ug/kg)	<19	<23	<21	<19	<20	<20	<25	<25	--	--	--	--	--
Bromodichloromethane	(ug/kg)	<14	<17	<15	<14	<15.1	<15	<25	<25	--	--	--	1000	600
Carbon Tetrachloride	(ug/kg)	<13	<15	<14	<13	<13	<13	<25	<25	--	--	--	--	--
Chlorobenzene	(ug/kg)	<5.3	<6.4	<6.0	<5.4	<5.7	<5.7	<25	<25	--	--	--	--	--
Chloroethane	(ug/kg)	<14	<17	<16	<14	<15	<15	<25	<25	--	--	--	--	--
Chloroform	(ug/kg)	<9.9	<12	<11	<10	<11	<11	<25	<25	--	--	--	--	--
Chloromethane	(ug/kg)	<15	<19	<17	<15	<16	<16	<25	<25	--	--	--	--	--
cis 1,2-Dichloroethene	(ug/kg)	422	126	334	<10	224	<11	<5.5	<5.5	--	--	--	43000	400
di-Isopropyl ether	(ug/kg)	<22	<27	<25	<22	<24	<24	<25	<25	--	--	--	--	--
Dibromochloromethane	(ug/kg)	<11	<13	<12	<11	<11	<11	<25	<25	--	--	--	--	--
Dichlorodifluoromethane	(ug/kg)	<21	<26	<24	<21	<23	<23	<25	<25	--	--	--	--	--
nd = not determined		<11	<13	<12	<11	<11	<11	<25	<25	2900	4600	--	--	--
Hexachlorobutadiene	(ug/kg)	<53	<63	<59	<53	<56	<56	<25	<25	--	--	--	--	--
Isopropylbenzene	(ug/kg)	<13	<16	<14	<13	<14	<14	<25	<25	--	--	--	--	--
Methyl-tertiary-butyl ether	(ug/kg)	<11	<13	<12	<11	<12	<12	<25	<25	--	--	--	--	--
Methylene Chloride	(ug/kg)	<44	<53	<50	<44	<47	<47	<25	<25	--	--	--	--	--
n-Butylbenzene	(ug/kg)	<42	<51	<47	<42	<45	<45	<25	<25	--	--	--	--	--
n-Propylbenzene	(ug/kg)	<20	<24	<22	<20	<21	<21	<25	<25	--	--	--	--	--
Naphthalene	(ug/kg)	<30	<36	<34	<30	<32	<32	<25	<25	400/20000**	2700	--	--	--
p-Isopropyltoluene	(ug/kg)	<29	<35	<32	<29	<31	<31	<25	<25	--	--	--	--	--
sec-Butylbenzene	(ug/kg)	<19	<23	<22	<19	<21	<21	<25	<25	--	--	--	--	--
tert-Butylbenzene	(ug/kg)	<16	<19	<18	<16	<17	<17	<25	<25	--	--	--	--	--
Tetrachloroethene	(ug/kg)	<19	<23	<21	<19	<20	<20	<25	<25	--	--	--	--	--
Toluene	(ug/kg)	15	<7.4	<6.9	<6.1	<6.5	<6.5	<25	<25	1500	38,000	--	--	--
trans 1,2-Dichloroethene	(ug/kg)	58	<14	<13	<12	77	<12	<25	<25	--	--	--	63000	700
Trichloroethene	(ug/kg)	30,500	738	1590	74	3070	<13	<21	<21	--	--	--	2800	60
Trichlorofluoromethane	(ug/kg)	<15	<18	<17	<15	<16	<16	<25	<25	--	--	--	--	--
Vinyl Chloride	(ug/kg)	<16	<19	<18	<16	<17	<17	<21	<21	--	--	--	22	10
Xylenes	(ug/kg)	<22	<26	<24	<22	<23	<23	<75	<75	4100	42,000	--	--	--

Notes:

RCL = Residual Contaminant Level

100 Exceeds Groundwater Pathway RCL/SSL.

100 Exceeds Groundwater and Direct Contact Pathway RCL/SSL.

* EPA Values Provided for Detected Compounds Without Wisconsin Generic RCLs

Region IX PRGs = EPA Region IX Preliminary Remediation Goals (PRGs) for residential (i.e., non-industrial) soil based on an excess cancer risk of 1E-06 for carcinogens and a hazard quotient of 1 for non-carcinogens using the integrated value. (<http://www.epa.gov/region09/waste/sfund/prg/index.htm>)

Generic SSL Groundwater = EPA 1996 Soil Screening Guidance: Technical Background Document - Appendix A Generic Soil Screening Levels (SSLs) for migration to groundwater assuming a dilution attenuation factor of 20.

**Generic RCLs from the WDNR's Interim PAH Guidance (Groundwater Pathway/Direct Contact).

Table 2
Soil Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

	Sample No. Date Sample Depth	GP-24 S-4 05/15/01	GP-26 05/15/01 4.0-6.0	GP-27 05/15/01 2.0-4.0	GP-28 05/15/01 6.0-8.0	NR 720 RCL Groundwater Pathway	NR 746 - Values		EPA*	
							Table 1	Table 2	Region IX	Generic SSL
							Soil Screening	Direct Contact	Res. PRGs	Ground- water
VOCs										
1,1,1-Trichloroethane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,1,2,2-Tetrachloroethane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,1,2-Trichloroethane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,1-Dichloroethane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,1-Dichloroethene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,2,3-Trichlorobenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,2,4-Trichlorobenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,2,4-Trimethylbenzene	(ug/kg)	110	<25	<25	1400	--	83,000	--	5200	--
1,2-Dibromo-3-chloropropane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,2-Dibromoethane	(ug/kg)	NA	NA	NA	NA	--	--	--	--	--
1,2-Dichlorobenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,2-Dichloroethane	(ug/kg)	<25	<25	<25	<25	4.9	600	540	--	--
1,2-Dichloropropane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,3,5-Trimethylbenzene	(ug/kg)	39	<25	<25	470	--	11,000	--	--	--
1,3-Dichlorobenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,3-Dichloropropane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
1,4-Dichlorobenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
2,2-Dichloropropane	(ug/kg)	NA	NA	NA	NA	--	--	--	--	--
2-Chlorotoluene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
4-Chlorotoluene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Benzene	(ug/kg)	<25	<25	<25	<25	5.5	8500	1100	--	--
Bromobenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Bromodichloromethane	(ug/kg)	<25	<25	<25	<25	--	--	--	1000	600
Carbon Tetrachloride	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Chlorobenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Chloroethane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Chloroform	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Chloromethane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
cis 1,2-Dichloroethene	(ug/kg)	23	<25	4000	530	--	--	--	43000	400
di-Isopropyl ether	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Dibromochloromethane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Dichlorodifluoromethane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
nd = not determined		<25	<25	<25	<25	2900	4600	--	--	--
Hexachlorobutadiene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Isopropylbenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Methyl-tertiary-butyl ether	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Methylene Chloride	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
n-Butylbenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
n-Propylbenzene	(ug/kg)	130	<25	<25	1900	--	--	--	--	--
Naphthalene	(ug/kg)	<25	<25	<25	<25	400/20000**	2700	--	--	--
p-Isopropyltoluene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
sec-Butylbenzene	(ug/kg)	180	<25	<25	2100	--	--	--	--	--
tert-Butylbenzene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Tetrachloroethene	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Toluene	(ug/kg)	<25	<25	<25	<25	1500	38,000	--	--	--
trans 1,2-Dichloroethene	(ug/kg)	<25	<25	130	76	--	--	--	63000	700
Trichloroethene	(ug/kg)	66	<25	36,000	290	--	--	--	2800	60
Trichlorofluoromethane	(ug/kg)	<25	<25	<25	<25	--	--	--	--	--
Vinyl Chloride	(ug/kg)	<21	<21	<25	71	--	--	--	22	10
Xylenes	(ug/kg)	45	<75	<75	200	4100	42,000	--	--	--

Notes:

RCL = Residual Contaminant Level

100 Exceeds Groundwater Pathway RCL/SSL. **100**

* EPA Values Provided for Detected Compounds Without Wisconsin Generic RCLs

Region IX PRGs = EPA Region IX Preliminary Remediation Goals (PRGs) for residential (i.e., non-industrial) soil based on an excess cancer risk of 1E-06 for and a hazard quotient of 1 for non-carcinogens using the integrated value. (<http://www.epa.gov/region09/waste/sfund/prg/index.htm>)

Generic SSL Groundwater = EPA 1996 Soil Screening Guidance: Technical Background Document - Appendix A Generic Soil Screening Levels (SSLs) for m assuming a dilution attenuation factor of 20.

**Generic RCLs from the WDNR's Interim PAH Guidance (Groundwater Pathway/Direct Contact).

Table 4 (Page 1)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

	Sample No. Date	B-1 11/2/2000	ES	PAL
Metals				
Cadmium	(ug/l)	<0.09	5	0.5
Chromium	(ug/l)	<0.4	100	10
Lead	(ug/l)	<0.73	15	1.5
VOCs				
1,1,1-Trichloroethane	(ug/l)	<0.13	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<0.52	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	<0.2	5	0.5
1,1-Dichloroethane	(ug/l)	<0.098	850	85
1,1-Dichloroethene	(ug/l)	<0.18	7	0.7
1,2,3-Trichlorobenzene	(ug/l)	<0.052	--	--
1,2,4-Trichlorobenzene	(ug/l)	<0.15	--	--
1,2,4-Trimethylbenzene	(ug/l)	<0.12	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.17	--	--
1,2-Dibromoethane	(ug/l)	<0.084	--	--
1,2-Dichlorobenzene	(ug/l)	<0.036	600	60
1,2-Dichloroethane	(ug/l)	<0.35	5	0.5
1,2-Dichloropropane	(ug/l)	<0.27	--	--
1,3,5-Trimethylbenzene	(ug/l)	<0.11	480	96
1,3-Dichlorobenzene	(ug/l)	<0.11	1250	125
1,3-Dichloropropane	(ug/l)	<0.26	--	--
1,4-Dichlorobenzene	(ug/l)	<0.11	75	15
2,2-Dichloropropane	(ug/l)	<0.2	--	--
2-Chlorotoluene	(ug/l)	<0.11	--	--
4-Chlorotoluene	(ug/l)	<0.092	--	--
Benzene	(ug/l)	<0.19	5	0.5
Bromobenzene	(ug/l)	<0.34	--	--
Bromochloromethane	(ug/l)	<0.25	--	--
Carbon Tetrachloride	(ug/l)	<0.23	5	0.5
Chlorobenzene	(ug/l)	<0.12	--	--
Chloroethane	(ug/l)	<0.28	400	80
Chloroform	(ug/l)	<0.18	6	0.6
Chloromethane	(ug/l)	<0.13	3	0.3
cis 1,2-Dichloroethene	(ug/l)	<0.19	70	7
di-Isopropyl ether	(ug/l)	<0.4	--	--
Dibromochloromethane	(ug/l)	<0.088	--	--
Dichlorodifluoromethane	(ug/l)	<0.21	1000	200
Ethylbenzene	(ug/l)	<0.13	700	140
Hexachlorobutadiene	(ug/l)	<0.21	--	--
Isopropylbenzene	(ug/l)	<0.12	--	--
Methyl-tertiary-butyl ether	(ug/l)	3.1	60	12
Methylene Chloride	(ug/l)	<0.12	5	0.5
n-Butylbenzene	(ug/l)	<0.18	--	--
n-Propylbenzene	(ug/l)	<0.12	--	--
Naphthalene	(ug/l)	<0.082	40	8
p-Isopropyltoluene	(ug/l)	<0.13	--	--
sec-Butylbenzene	(ug/l)	<0.15	--	--
tert-Butylbenzene	(ug/l)	<0.13	--	--
Tetrachloroethene	(ug/l)	<0.14	5	0.5
Toluene	(ug/l)	0.19	1,000	200
trans 1,2-Dichloroethene	(ug/l)	<0.17	100	20
Trichloroethene	(ug/l)	<0.098	5	0.5
Trichlorofluoromethane	(ug/l)	<0.34	--	--
Vinyl Chloride	(ug/l)	<0.23	0.2	0.02
Xylenes	(ug/l)	<0.3	10,000	1,000

Notes:

ES = NR 140 Enforcement Standard established March 2000

PAL = NR 140 Preventive Action Limit established March 2000

NR 140 ES Exceedance

Table 4 (Page 2)
 Groundwater Analytical Results
 Former Jagemann Stamping Company
 Manitowoc, Wisconsin

	Sample No. Date	B-4 11/2/2000	ES	PAL
Metals				
Cadmium	(ug/l)	<0.10	5	0.5
Chromium	(ug/l)	<0.44	100	10
Lead	(ug/l)	<0.73	15	1.5
VOCs				
1,1,1-Trichloroethane	(ug/l)	<0.13	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<0.52	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	<0.2	5	0.5
1,1-Dichloroethane	(ug/l)	<0.098	850	85
1,1-Dichloroethene	(ug/l)	<0.18	7	0.7
1,2,3-Trichlorobenzene	(ug/l)	<0.052	--	--
1,2,4-Trichlorobenzene	(ug/l)	<0.15	--	--
1,2,4-Trimethylbenzene	(ug/l)	<0.12	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.17	--	--
1,2-Dibromoethane	(ug/l)	<0.084	--	--
1,2-Dichlorobenzene	(ug/l)	<0.036	600	60
1,2-Dichloroethane	(ug/l)	<0.35	5	0.5
1,2-Dichloropropane	(ug/l)	<0.27	--	--
1,3,5-Trimethylbenzene	(ug/l)	<0.11	480	96
1,3-Dichlorobenzene	(ug/l)	<0.11	1250	125
1,3-Dichloropropane	(ug/l)	<0.26	--	--
1,4-Dichlorobenzene	(ug/l)	<0.11	75	15
2,2-Dichloropropane	(ug/l)	<0.2	--	--
2-Chlorotoluene	(ug/l)	<0.11	--	--
4-Chlorotoluene	(ug/l)	<0.092	--	--
Benzene	(ug/l)	<0.19	5	0.5
Bromobenzene	(ug/l)	<0.34	--	--
Bromochloromethane	(ug/l)	<0.25	--	--
Carbon Tetrachloride	(ug/l)	<0.23	5	0.5
Chlorobenzene	(ug/l)	<0.12	--	--
Chloroethane	(ug/l)	<0.28	400	80
Chloroform	(ug/l)	<0.18	6	0.6
Chloromethane	(ug/l)	<0.13	3	0.3
cis 1,2-Dichloroethene	(ug/l)	<0.19	70	7
di-Isopropyl ether	(ug/l)	<0.4	--	--
Dibromochloromethane	(ug/l)	<0.088	--	--
Dichlorodifluoromethane	(ug/l)	<0.21	1000	200
Ethylbenzene	(ug/l)	<0.13	700	140
Hexachlorobutadiene	(ug/l)	<0.21	--	--
Isopropylbenzene	(ug/l)	<0.12	--	--
Methyl-tertiary-butyl ether	(ug/l)	<0.2	60	12
Methylene Chloride	(ug/l)	<0.12	5	0.5
n-Butylbenzene	(ug/l)	<0.18	--	--
n-Propylbenzene	(ug/l)	<0.12	--	--
Naphthalene	(ug/l)	<0.082	40	8
p-Isopropyltoluene	(ug/l)	<0.13	--	--
sec-Butylbenzene	(ug/l)	<0.15	--	--
tert-Butylbenzene	(ug/l)	<0.13	--	--
Tetrachloroethene	(ug/l)	<0.14	5	0.5
Toluene	(ug/l)	<0.11	1,000	200
trans 1,2-Dichloroethene	(ug/l)	<0.17	100	20
Trichloroethene	(ug/l)	<0.098	5	0.5
Trichlorofluoromethane	(ug/l)	<0.34	--	--
Vinyl Chloride	(ug/l)	<0.23	0.2	0.02
Xylenes	(ug/l)	<0.3	10,000	1,000

Notes:

ES = NR 140 Enforcement Standard established March 2000

PAL = NR 140 Preventive Action Limit established March 2000

NR 140 ES Exceedance

Table 4 (Page 3)
 Groundwater Analytical Results
 Former Jagemann Stamping Company
 Manitowoc, Wisconsin

	Sample No. Date	B-6 12/6/2000	ES	PAL
Metals				
Cadmium	(ug/l)	NA	5	0.5
Chromium	(ug/l)	NA	100	10
Lead	(ug/l)	NA	15	1.5
VOCs				
1,1,1-Trichloroethane	(ug/l)	<0.66	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<2.6	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	<1.0	5	0.5
1,1-Dichloroethane	(ug/l)	<0.49	850	85
1,1-Dichloroethene	(ug/l)	<0.9	7	0.7
1,2,3-Trichlorobenzene	(ug/l)	<0.26	--	--
1,2,4-Trichlorobenzene	(ug/l)	<0.74	--	--
1,2,4-Trimethylbenzene	(ug/l)	<0.62	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.83	--	--
1,2-Dibromoethane	(ug/l)	<0.42	--	--
1,2-Dichlorobenzene	(ug/l)	<0.18	600	60
1,2-Dichloroethane	(ug/l)	<1.8	5	0.5
1,2-Dichloropropane	(ug/l)	<1.4	--	--
1,3,5-Trimethylbenzene	(ug/l)	<0.56	480	96
1,3-Dichlorobenzene	(ug/l)	<0.57	1250	125
1,3-Dichloropropane	(ug/l)	<1.3	--	--
1,4-Dichlorobenzene	(ug/l)	<0.57	75	15
2,2-Dichloropropane	(ug/l)	<1.0	--	--
2-Chlorotoluene	(ug/l)	<0.56	--	--
4-Chlorotoluene	(ug/l)	<0.46	--	--
Benzene	(ug/l)	<0.94	5	0.5
Bromobenzene	(ug/l)	<1.7	--	--
Bromochloromethane	(ug/l)	<0.83	--	--
Carbon Tetrachloride	(ug/l)	<1.1	5	0.5
Chlorobenzene	(ug/l)	<0.62	--	--
Chloroethane	(ug/l)	<1.4	400	80
Chloroform	(ug/l)	<0.89	6	0.6
Chloromethane	(ug/l)	<0.64	3	0.3
cis 1,2-Dichloroethene	(ug/l)	317	70	7
di-Isopropyl ether	(ug/l)	NA	--	--
Dibromochloromethane	(ug/l)	<0.44	--	--
Dichlorodifluoromethane	(ug/l)	<1.0	1000	200
Ethylbenzene	(ug/l)	<0.66	700	140
Hexachlorobutadiene	(ug/l)	<1.1	--	--
Isopropylbenzene	(ug/l)	<0.61	--	--
Methyl-tertiary-butyl ether	(ug/l)	NA	60	12
Methylene Chloride	(ug/l)	<0.59	5	0.5
n-Butylbenzene	(ug/l)	<0.89	--	--
n-Propylbenzene	(ug/l)	<0.61	--	--
Naphthalene	(ug/l)	<0.41	40	8
p-Isopropyltoluene	(ug/l)	<0.63	--	--
sec-Butylbenzene	(ug/l)	<0.73	--	--
tert-Butylbenzene	(ug/l)	<0.65	--	--
Tetrachloroethene	(ug/l)	<0.71	5	0.5
Toluene	(ug/l)	<0.55	1,000	200
trans 1,2-Dichloroethene	(ug/l)	19	100	20
Trichloroethene	(ug/l)	53	5	0.5
Trichlorofluoromethane	(ug/l)	<1.7	--	--
Vinyl Chloride	(ug/l)	8.4	0.2	0.02
Xylenes	(ug/l)	<1.5	10,000	1,000

Notes:

ES = NR 140 Enforcement Standard established March 2000

PAL = NR 140 Preventive Action Limit established March 2000

NR 140 ES Exceedance

Table 4 (Page 4)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No. Date	MW-10																	ES	PAL				
	3/12/01	5/22/01	#####	3/28/02	6/19/02	9/30/02	12/9/02	3/24/03	6/4/03	#####	12/10/03	5/25/04	11/22/04	11/22/04	6/29/05	6/29/05	12/22/05			12/22/05	9/13/06	9/13/06	
VOCs																							
1,1,1,2-Tetrachloroethane (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1,1,1-Trichloroethane (ug/l)	<0.13	<2.6	<1.3	<5.7	<5.7	<0.65	<0.95	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<1.8	<0.92	<0.92	70	7	
1,1,2,2-Tetrachloroethane (ug/l)	<0.52	<0.25	<1.3	<2.5	<2.5	<0.77	<0.77	<0.2	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	<1.8	<0.90	<0.90	200	40	
1,1,2-Trichloroethane (ug/l)	<0.2	<0.22	<1.1	<5.2	<5.2	<0.50	<0.50	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.40	<0.20	<0.20	0.2	0.2	
1,1-Dichloroethane (ug/l)	<0.098	<0.24	<1.2	<5.7	<5.7	<0.87	<0.87	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<1.5	<0.75	<0.75	850	85	
1,1-Dichloroethene (ug/l)	<0.18	<0.27	<1.4	<5.7	<5.7	<0.56	<0.56	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<1.5	<0.75	<0.75	7	0.7	
1,1-Dichloropropene (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,2,3-Trichlorobenzene (ug/l)	<0.052	<1.3	<0.65	<6.5	<6.5	<0.77	<0.77	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.75	<0.75	NL	NL	
1,2,3-Trichloropropene (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NL	NL
1,2,4-Trichlorobenzene (ug/l)	<0.15	<0.15	<0.75	<1	<1	<0.57	<0.57	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<0.97	60	12	
1,2,4-Trimethylbenzene (ug/l)	<0.12	<0.26	<1.3	<4.2	<4.2	<0.69	<0.69	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<0.97	70	14	
1,2-Dibromo-3-Chloropropane (ug/l)	<0.17	<0.62	<3.1	<1.7	<1.7	<0.88	<0.88	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<0.87	0.2	0.02	
1,2-Dibromoethane (ug/l)	<0.084	--	--	<4.8	<4.8	<0.66	<0.66	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<1.1	<0.56	<0.56	0.05	0.005	
1,2-Dichlorobenzene (ug/l)	<0.036	<0.19	<1.0	<3.1	<3.1	<0.71	<0.71	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	600	60	
1,2-Dichloropropene (ug/l)	<0.35	<0.23	<1.2	<5.4	<5.4	<0.55	<0.55	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.72	<0.36	<0.36	5	0.5	
1,2-Dichloropropane (ug/l)	<0.27	<0.24	<1.2	<5.4	<5.4	<0.39	<0.39	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.92	<0.46	<0.46	5	0.5	
1,3,5-Trimethylbenzene (ug/l)	<0.11	<0.34	<1.7	<7.2	<7.2	<0.64	<0.64	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<1.7	<0.83	<0.83	<0.83	480	96
1,3-Dichlorobenzene (ug/l)	<0.11	<0.2	<1.0	<2.6	<2.6	<0.58	<0.58	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<1.7	<0.87	<0.87	<0.87	1250	125
1,3-Dichloropropene (ug/l)	<0.26	--	--	--	--	<0.62	<0.62	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<0.61	NL	NL	
1,3-DCP, Tetrachloroethene (ug/l)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene (ug/l)	<0.11	<0.2	<1.0	<2.6	<2.6	<0.63	<0.63	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<1.9	<0.95	<0.95	75	15	
2,2-Dichloropropene (ug/l)	<0.2	<0.34	<1.7	<1.9	<1.9	<0.99	<0.99	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<1.2	<0.62	<0.62	<0.62	NL	NL
2-Chlorotoluene (ug/l)	<0.11	<0.28	<1.4	<3.8	<3.8	<0.66	<0.66	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<1.7	<0.85	<0.85	<0.85	NL	NL
4-Chlorotoluene (ug/l)	<0.092	<0.28	<1.4	<3.2	<3.2	<0.89	<0.89	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	<0.74	<0.74	NL	NL
Benzene (ug/l)	<0.19	<0.21	<1.1	<4.3	<4.3	<0.25	<0.25	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.82	<0.41	<0.41	5	0.5	
Bromobenzene (ug/l)	<0.34	<0.21	<1.1	<4.2	<4.2	<0.74	<0.74	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<1.6	<0.82	<0.82	<0.82	NL	NL
Bromochloromethane (ug/l)	<0.25	--	--	--	--	<0.67	<0.67	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<0.97	<0.97	NL	NL
Bromodichloromethane (ug/l)	--	--	--	<5.5	<5.5	<0.23	<0.23	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<1.1	<0.56	<0.56	0.6	0.06	
Bromoform (ug/l)	--	--	--	--	--	<0.45	<0.45	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<1.9	<0.94	<0.94	4.4	0.44	
Bromomethane (ug/l)	--	--	--	--	--	<0.87	<0.87	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<1.8	<0.91	<0.91	10	1	
Carbon Tetrachloride (ug/l)	<0.23	<0.24	<1.2	<5.6	<5.6	<0.47	<0.47	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.98	<0.49	<0.49	5	0.5	
Chlorobenzene (ug/l)	<0.12	<0.19	<1.0	<4.3	<4.3	<0.58	<0.58	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.82	<0.41	<0.41	<0.41	NL	NL
Chlorodibromomethane (ug/l)	<0.088	<0.22	<1.1	<5.6	<5.6	--	--	<0.84	--	--	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<1.6	<0.81	<0.81	60	6	
Chloroethane (ug/l)	<0.28	<0.42	<2.1	<6.9	<6.9	<0.84	<0.84	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<1.9	<0.97	<0.97	400	80	
Chloroform (ug/l)	<0.18	<0.23	<1.2	<5.6	<5.6	<0.45	<0.45	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.74	<0.37	<0.37	6	0.6	
Chloromethane (ug/l)	<0.13	<0.63	<3.2	<6.9	<6.9	<0.27	<0.27	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.48	<0.24	<0.24	3	0.3	
cis 1,2-Dichloroethene (ug/l)	10	10	50	89	120	82	61	48	21	32	64	75	47	41	65	63	46	45	52	62	70	7	
cis 1,3-Dichloropropene (ug/l)	--	--	--	--	--	--	<0.57	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.38	<0.19	<0.19	<0.19	0.2	0.02
Dibromomethane (ug/l)	--	--	--	--	--	--	<0.74	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<1.2	<0.60	<0.60	<0.60	NL	NL
Dichlorodifluoromethane (ug/l)	<0.21	<0.39	<2.0	<6.8	<6.8	<0.57	<0.57	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<2.0	<0.99	<0.99	<0.99	1000	200
Di-Isopropyl ether (ug/l)	<0.4	<0.2	<1.0	<5.1	<5.1	<0.60	<0.60	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<1.5	<0.76	<0.76	<0.76	NL	NL
Ethylbenzene (ug/l)	<0.13	<0.22	<1.1	<4.9	<4.9	<0.53	<0.53	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<1.1	<0.54	<0.54	700	140	
Fluorotrichloromethane (ug/l)	<0.34	<0.42	<2.1	<6.5	<6.5	NA	NA	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	<1.6	<0.79	<0.79	<0.79	3490	698
Hexachlorobutadiene (ug/l)	<0.21	<0.21	<1.1	<3.5	<3.5	<0.95	<0.95	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<1.3	<0.67	<0.67	<0.67	NL	NL
Hexachlorobenzene (ug/l)	<0.12	<0.19	<1.0	<4.6	<4.6	<0.66	<0.66	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<1.2	<0.59	<0.59	<0.59	NL	NL
Methylene Chloride (ug/l)	<0.12	<0.22	<1.0	<6	<6	<0.47	<0.47	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.86	<0.43	<0.43	5	0.5	
Methyl-tertiary-butyl ether (ug/l)	<0.2	<0.46	<2.3	<4.9	<4.9	<0.87	<0.87	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<1.2	<0.61	<0.61	60	12	
Naphthalene (ug/l)	<0.082	<0.69	<3.5	<14	<14	<0.63	<0.63	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<1.5	<0.74	<0.74	40	8	
n-Butylbenzene (ug/l)	<0.18	<0.13	<0.65	<3.4	<3.4	<0.65	<0.65	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<1.9	<0.93	<0.93	<0.93	NL	NL
n-Propylbenzene (ug/l)	<0.12	<0.1																					

Table 4 (Page 6)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	MW-12															ES	PAL
		3/12/01	5/22/01	10/17/01	3/28/02	6/19/02	9/30/02	12/9/02	3/24/03	6/4/03	12/10/03	5/25/04	11/22/04	6/29/05	12/22/05	9/13/06		
VOCs																		
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	--	<0.95	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	70	7
1,1,1-Trichloroethane	(ug/l)	<0.13	<0.26	<0.26	<0.57	<0.57	<0.65	<0.65	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	--	<0.77	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	--	--	--	--	<0.50	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	--	--	--	--	<0.87	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	850	85
1,1-Dichloroethene	(ug/l)	--	--	--	--	--	--	<0.56	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	--	--	--	--	--	--	<0.79	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	--	--	--	--	--	--	<0.77	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	--	--	--	--	<0.92	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	60	12
1,2,4-Trichlorobenzene	(ug/l)	--	--	--	--	--	--	<0.57	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	70	14
1,2,4-Trimethylbenzene	(ug/l)	--	--	--	--	--	--	<0.69	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	--	--	--	--	<0.88	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	0.2	0.02
1,2-Dibromoethane	(ug/l)	--	--	--	--	--	--	<0.66	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<0.036	<0.19	<0.19	<0.31	<0.31	<0.71	<0.71	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<0.35	<0.23	<0.23	<0.54	<0.54	<0.55	<0.55	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<0.27	<0.24	<0.24	<0.54	<0.54	<0.39	<0.39	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	0.71	<0.34	<0.34	<0.72	<0.72	<0.64	<0.64	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.11	<0.2	<0.2	<0.26	<0.26	<0.58	<0.58	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	<0.26	--	--	--	--	<0.62	<0.62	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	--	--	<0.36	<0.36	--	--	--	--	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.11	<0.2	<0.2	<0.26	<0.26	<0.63	<0.63	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<0.2	<0.34	<0.34	<0.19	<0.19	<0.99	<0.99	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.11	<0.28	<0.28	<0.38	<0.38	<0.66	<0.66	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.092	<0.28	<0.28	<0.32	<0.32	<0.89	<0.89	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<0.19	<0.21	<0.21	<0.43	<0.43	<0.25	<0.25	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<0.34	<0.21	<0.21	<0.42	<0.42	<0.74	<0.74	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	<0.25	--	<0.24	--	--	<0.67	<0.67	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	--	--	--	<0.55	<0.55	<0.23	<0.23	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	--	--	--	--	--	<0.45	<0.45	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	--	--	--	--	--	<0.87	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<0.23	<0.24	<0.24	<0.56	<0.56	<0.47	<0.47	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.12	<0.19	<0.19	<0.43	<0.43	<0.58	<0.58	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<0.088	<0.22	<0.22	<0.56	<0.56	--	<0.84	--	--	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	60	6
Chloroethane	(ug/l)	<0.28	<0.42	<0.42	<0.69	<0.69	<0.84	<0.84	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.18	<0.23	<0.23	<0.56	<0.56	<0.45	<0.45	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.13	<0.63	<0.63	<0.69	<0.69	<0.27	<0.27	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l)	<0.19	<0.21	<0.21	<0.53	<0.53	<0.81	<0.81	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	<0.57	<0.57	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	--	--	--	--	--	<0.74	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	NL	NL
Dichlorodifluoromethane	(ug/l)	<0.21	<0.39	<0.39	<0.68	<0.68	<0.57	<0.57	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<0.4	<0.2	<0.2	<0.51	<0.51	<0.60	<0.60	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	0.38	<0.22	<0.22	<0.49	<0.49	<0.53	<0.53	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<0.34	<0.42	<0.42	<0.65	<0.65	--	<0.85	--	--	<0.79	<0.79	<0.79	<0.79	<0.79	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<0.21	<0.21	<0.21	<0.35	<0.35	<0.95	<0.95	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<0.12	<0.19	<0.19	<0.46	<0.46	<0.66	<0.66	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	NL	NL
Methylene Chloride	(ug/l)	<0.12	<0.22	<0.22	<0.6	<0.6	<0.47	<0.47	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<0.2	<0.46	<0.46	<0.49	<0.49	<0.87	<0.87	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	60	12
Naphthalene	(ug/l)	6.9	<0.69	<0.69	<1.4	<1.4	<0.63	<0.63	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	40	8
n-Butylbenzene	(ug/l)	1.5	<0.13	<0.13	<0.34	<0.34	<0.65	<0.65	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	0.53	<0.18	<0.18	<0.34	<0.34	<0.95	<0.95	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	NL	NL
p-Isopropyltoluene	(ug/l)	1.6	<0.16	<0.16	<0.39	<0.39	<0.58	<0.58	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	0.47	<0.21	<0.21	<0.46	<0.46	<0.62	<0.62	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	NL	NL
Styrene	(ug/l)	--	--	--	--	--	<0.62	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.13	<0.2	<0.2	<0.42	<0.42	<0.96	<0.96	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.14	0.23 (j)	<0.22	0.85 (j)	2.5	<0.63	<0.63	<0.45	<0.45	<0.45	0.93	<0.45	<0.45	<0.45	<0.45	5	0.5
Toluene	(ug/l)	0.37	<0.41	<0.41	<0.63	<0.63	<0.84	<0.84	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l)	<0.17	<0.25	<0.25	<0.59	<0.59	<0.80	<0.80	<0.89	<0.89	<0.89	&						

Table 4 (Page 7)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	GP-17										ES	PAL	
		3/12/01	5/22/01	10/17/01	3/28/02	6/19/02	9/30/02	12/9/02	3/24/03	6/4/03	12/10/03			5/25/04
VOCs														
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	--	<24	<18	<9.2	<9.2	<9.2	70	7
1,1,1-Trichloroethane	(ug/l)	<6.6	<5.2	<13	<11	<29	<3.2	<16	<18	<9.0	<9.0	<9.0	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	--	<19	<4.0	<2.0	<2.0	<2.0	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	--	--	--	--	<12	<8.4	<4.2	<4.2	<4.2	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	--	--	--	--	<22	<15	<7.5	<7.5	<7.5	850	85
1,1-Dichloroethene	(ug/l)	--	--	--	--	--	--	<14	<11	<5.7	<5.7	<5.7	7	0.7
1,1-Dichloropropene	(ug/l)	--	--	--	--	--	--	<20	<15	<7.5	<7.5	<7.5	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	--	--	--	--	--	--	<19	<15	<7.4	<7.4	<7.4	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	--	--	--	--	<23	<20	<9.9	<9.9	<9.9	60	12
1,2,4-Trichlorobenzene	(ug/l)	--	--	--	--	--	--	<14	<19	<9.7	<9.7	<9.7	70	14
1,2,4-Trimethylbenzene	(ug/l)	--	--	--	--	--	--	<17	<19	<9.7	<9.7	<9.7	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	--	--	--	--	<22	<17	<8.7	<8.7	<8.7	0.2	0.02
1,2-Dibromoethane	(ug/l)	--	--	--	--	--	--	<16	<11	<5.6	<5.6	<5.6	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<1.8	<3.8	<10	<6.2	<16	<3.5	<18	<17	<8.3	<8.3	<8.3	600	60
1,2-Dichloroethane	(ug/l)	<18	<4.6	<12	<11	<27	<2.8	<14	<7.2	<3.6	<3.6	<3.6	5	0.5
1,2-Dichloropropane	(ug/l)	<14	<4.8	<12	<11	<27	<1.9	<9.8	<9.2	<4.6	<4.6	<4.6	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<5.6	<6.8	<17	<14	<36	<3.2	<16	<17	<8.3	<8.3	<8.3	480	96
1,3-Dichlorobenzene	(ug/l)	<5.7	<4	<10	<5.2	<13	<2.9	<14	<17	<8.7	<8.7	<8.7	1250	125
1,3-Dichloropropane	(ug/l)	<13	--	--	--	--	<3.1	<16	<12	<6.1	<6.1	<6.1	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	--	--	<7.2	<18	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<5.7	<4	<10	<5.2	<13	<3.1	<16	<19	<9.5	<9.5	<9.5	75	15
2,2-Dichloropropane	(ug/l)	<10	<6.8	<17	<3.8	<10	<5.0	<25	<12	<6.2	<6.2	<6.2	NL	NL
2-Chlorotoluene	(ug/l)	<5.6	<5.6	<14	<7.6	<19	<3.3	<16	<17	<8.5	<8.5	<8.5	NL	NL
4-Chlorotoluene	(ug/l)	<4.6	<5.6	<14	<6.4	<16	<4.5	<22	<15	<7.4	<7.4	<7.4	NL	NL
Benzene	(ug/l)	<9.4	<4.2	<11	<8.6	<22	<1.2	<6.2	<8.2	<4.1	<4.1	<4.1	5	0.5
Bromobenzene	(ug/l)	<17	<4.2	<11	<8.4	<21	<3.7	<18	<16	<8.2	<8.2	<8.2	NL	NL
Bromochloromethane	(ug/l)	<12	--	<12	--	--	<3.4	<17	<19	<9.7	<9.7	<9.7	NL	NL
Bromodichloromethane	(ug/l)	--	--	--	<11	<28	<1.2	<5.8	<11	<5.6	<5.6	<5.6	0.6	0.06
Bromoform	(ug/l)	--	--	--	--	--	--	<11	<19	<9.4	<9.4	<9.4	4.4	0.44
Bromomethane	(ug/l)	--	--	--	--	--	--	<22	<18	<9.1	<9.1	<9.1	10	1
Carbon Tetrachloride	(ug/l)	<11	<4.8	<12	<11	<28	<2.3	<12	<9.8	<4.9	<4.9	<4.9	5	0.5
Chlorobenzene	(ug/l)	<6.2	<3.8	<10	<8.6	<22	<2.9	<14	<8.2	<4.1	<4.1	<4.1	NL	NL
Chlorodibromomethane	(ug/l)	<4.4	<4.4	<11	<11	<28	--	<21	--	--	<8.1	<8.1	60	6
Chloroethane	(ug/l)	<14	<8.4	<21	<14	<35	<4.2	<21	<19	<9.7	<9.7	<9.7	400	80
Chloroform	(ug/l)	<8.9	<4.6	<12	<11	<28	<2.2	<11	<7.4	<3.7	<3.7	<3.7	6	0.6
Chloromethane	(ug/l)	<6.4	<13	<32	<14	<35	<1.4	<6.8	<4.8	<2.4	<2.4	<2.4	3	0.3
cis 1,2-Dichloroethane	(ug/l)	343	290	1200	320	510	350	510	450	710	430	390	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	--	<14	<3.8	<1.9	<1.9	<1.9	0.2	0.02
Dibromomethane	(ug/l)	--	--	--	--	--	--	<18	<12	<6.0	<6.0	<6.0	NL	NL
Dichlorodifluoromethane	(ug/l)	<10	<7.8	<20	<14	<34	<2.8	<14	<20	<9.9	<9.9	<9.9	1000	200
di-Isopropyl ether	(ug/l)	<20	<4	<10	<10	<26	<3.0	<15	<15	<7.6	<7.6	<7.6	NL	NL
Ethylbenzene	(ug/l)	<6.6	<4.4	<11	<10	<25	<2.6	<13	<11	<5.4	<5.4	<5.4	700	140
Fluorotrichloromethane	(ug/l)	<17	<8.4	<21	<13	<33	--	<21	--	--	<7.9	<7.9	3490	698
Hexachlorobutadiene	(ug/l)	<11	<4.2	<11	<7	<18	<4.8	<24	<13	<6.7	<6.7	<6.7	NL	NL
Isopropylbenzene	(ug/l)	<6.1	<3.8	<10	<9.2	<23	<3.3	<16	<12	<5.9	<5.9	<5.9	NL	NL
Methylene Chloride	(ug/l)	<5.9	<4.4	<11	<12	<30	<2.3	<12	<8.6	<4.3	<4.3	<4.3	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<9.8	<9.2	<23	<10	<25	<4.3	<22	<12	<6.1	<6.1	<6.1	60	12
Naphthalene	(ug/l)	<4.1	<14	<35	<28	<70	<3.1	<16	<15	<7.4	<7.4	<7.4	40	8
n-Butylbenzene	(ug/l)	<8.9	<2.6	<6.5	<6.8	<17	<3.2	<16	<19	<9.3	<9.3	<9.3	NL	NL
n-Propylbenzene	(ug/l)	<6.1	<3.6	<9	<6.8	<17	<4.8	<24	<16	<8.1	<8.1	<8.1	NL	NL
p-Isopropyltoluene	(ug/l)	<6.3	<3.2	<8	<7.8	<20	<2.9	<14	<13	<6.7	<6.7	<6.7	NL	NL
sec-Butylbenzene	(ug/l)	<7.3	<4.2	<11	<9.2	<23	<3.1	<16	<18	<8.9	<8.9	<8.9	NL	NL
Styrene	(ug/l)	--	--	--	--	--	--	<16	<17	<8.6	<8.6	<8.6	100	10
tert-Butylbenzene	(ug/l)	<6.5	<4	<10	<8.4	<21	<4.8	<24	<19	<9.7	<9.7	<9.7	NL	NL
Tetrachloroethane	(ug/l)	<7.1	<4.4	<11	<10	<25	<3.1	<16	<9.0	<4.5	<4.5	<4.5	5	0.5
Toluene	(ug/l)	<5.5	<8.2	<21	<13	<32	<4.2	<21	<13	<6.7	<6.7	<6.7	1,000	200
trans 1,2-Dichloroethene	(ug/l)	44	17	60	<12	<30	33	39 (j)	39	45	25 (j)	35	100	20
trans 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	--	<16	<3.8	<1.9	<1.9	<1.9	0.2	0.02
Trichloroethene	(ug/l)	1580	1100	1800	1000	1300	730	1700	2100	2000	1100	1400	5	0.5
Vinyl Chloride	(ug/l)	21	5.3 (j)	51	<2.4	<6	27	14	19	27	6.3	29	0.2	0.02
Xylenes	(ug/l)	<15	<13.8	<35	<19	<48	<9.1	<46	<53	<26.3	<26.3	<26.3	10,000	1,000
Other Organics														
Ethane	(ug/l)	--	--	--	--	--	<10	<10	<10	<1.6	<10	<10	NL	NL
Ethene	(ug/l)	--	--	--	--	--	<10	<10	<10	<1.4	<10	<10	NL	NL
Methane	(ug/l)	--	--	--	--	--	69	30	20	9.3	<10	25	NL	NL
Inorganics														
Chloride	(mg/l)	--	--	--	--	--	--	--	--	--	--	72	NL	NL

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard

PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By: **Bold**

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 8)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	MW-17R				ES	PAL
		1/3/06	2/21/06	9/13/06	11/20/06		
VOCs							
1,1,1,2-Tetrachloroethane	(ug/l)	<0.92	<4.6	<9.2	<9.2	70	7
1,1,1-Trichloroethane	(ug/l)	<0.9	<4.5	<9.0	<9.0	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<0.2	<1.0	<2.0	<2.0	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	<0.42	<2.1	<4.2	<4.2	5	0.5
1,1-Dichloroethane	(ug/l)	<0.75	<3.8	<7.5	<7.5	850	85
1,1-Dichloroethene	(ug/l)	<0.57	<2.8	<5.7	<5.7	7	0.7
1,1-Dichloropropene	(ug/l)	<0.75	<3.8	<7.5	<7.5	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	<0.74	<3.7	<7.4	<7.4	NL	NL
1,2,3-Trichloropropane	(ug/l)	<0.99	<5.0	<9.9	<9.9	60	12
1,2,4-Trichlorobenzene	(ug/l)	<0.97	<4.8	<9.7	<9.7	70	14
1,2,4-Trimethylbenzene	(ug/l)	<0.97	<4.8	<9.7	<9.7	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.87	<4.4	<8.7	<8.7	0.2	0.02
1,2-Dibromoethane	(ug/l)	<0.56	<2.8	<5.6	<5.6	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<0.83	<4.1	<8.3	<8.3	600	60
1,2-Dichloroethane	(ug/l)	<0.36	<1.8	<3.6	<3.6	5	0.5
1,2-Dichloropropane	(ug/l)	<0.46	<2.3	<4.6	<4.6	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<0.83	<4.1	<8.3	<8.3	480	96
1,3-Dichlorobenzene	(ug/l)	<0.87	<4.4	<8.7	<8.7	1250	125
1,3-Dichloropropane	(ug/l)	<0.61	<3.0	<6.1	<6.1	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.95	<4.8	<9.5	<9.5	75	15
2,2-Dichloropropane	(ug/l)	<0.62	<3.1	<6.2	<6.2	NL	NL
2-Chlorotoluene	(ug/l)	<0.85	<4.2	<8.5	<8.5	NL	NL
4-Chlorotoluene	(ug/l)	<0.74	<3.7	<7.4	<7.4	NL	NL
Benzene	(ug/l)	<0.41	<2.0	<4.1	<4.1	5	0.5
Bromobenzene	(ug/l)	<0.82	<4.1	<8.2	<8.2	NL	NL
Bromochloromethane	(ug/l)	<0.97	<4.8	<9.7	<9.7	NL	NL
Bromodichloromethane	(ug/l)	<0.56	<2.8	<5.6	<5.6	0.6	0.06
Bromoform	(ug/l)	<0.94	<4.7	<9.4	<9.4	4.4	0.44
Bromomethane	(ug/l)	<0.91	<4.6	<9.1	<9.1	10	1
Carbon Tetrachloride	(ug/l)	<0.49	<2.4	<4.9	<4.9	5	0.5
Chlorobenzene	(ug/l)	<0.41	<2.0	<4.1	<4.1	NL	NL
Chlorodibromomethane	(ug/l)	<0.81	<4.1	<8.1	<8.1	60	6
Chloroethane	(ug/l)	<0.97	<4.8	<9.7	<9.7	400	80
Chloroform	(ug/l)	<0.37	<1.8	<3.7	<3.7	6	0.6
Chloromethane	(ug/l)	<0.24	<1.2	<2.4	<2.4	3	0.3
cis 1,2-Dichloroethene	(ug/l)	14	260	430	400	70	7
cis 1,3-Dichloropropene	(ug/l)	<0.19	<0.95	<1.9	<1.9	0.2	0.02
Dibromomethane	(ug/l)	<0.60	<3.0	<6.0	<6.0	NL	NL
Dichlorodifluoromethane	(ug/l)	<0.99	<5.0	<9.9	<9.9	1000	200
di-Isopropyl ether	(ug/l)	<0.76	<3.8	<7.6	<7.6	NL	NL
Ethylbenzene	(ug/l)	<0.54	<2.7	<5.4	<5.4	700	140
Fluorotrichloromethane	(ug/l)	<0.79	<4.0	<7.9	<7.9	3490	698
Hexachlorobutadiene	(ug/l)	<0.67	<3.4	<6.7	<6.7	NL	NL
Isopropylbenzene	(ug/l)	<0.59	<2.9	<5.9	<5.9	NL	NL
Methylene Chloride	(ug/l)	4.6	<2.2	<4.3	<4.3	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<0.61	<3.0	<6.1	<6.1	60	12
Naphthalene	(ug/l)	<0.74	<3.7	<7.4	<7.4	40	8
n-Butylbenzene	(ug/l)	<0.93	<4.6	<9.3	<9.3	NL	NL
n-Propylbenzene	(ug/l)	<0.81	<4.1	<8.1	<8.1	NL	NL
p-Isopropyltoluene	(ug/l)	<0.67	<3.4	<6.7	<6.7	NL	NL
sec-Butylbenzene	(ug/l)	<0.89	<4.4	<8.9	<8.9	NL	NL
Styrene	(ug/l)	<0.86	<4.3	<8.6	<8.6	100	10
tert-Butylbenzene	(ug/l)	<0.97	<4.8	<9.7	<9.7	NL	NL
Tetrachloroethene	(ug/l)	<0.45	<2.2	<4.5	<4.5	5	0.5
Toluene	(ug/l)	0.89	<3.4	<6.7	<6.7	1,000	200
trans 1,2-Dichloroethene	(ug/l)	1.6	19	33	32	100	20
trans 1,3-Dichloropropene	(ug/l)	<0.19	<0.95	<1.9	<1.9	0.2	0.02
Trichloroethene	(ug/l)	19	720	1300	1300	5	0.5
Vinyl Chloride	(ug/l)	5.1	21	37	22	0.2	0.02
Xylenes	(ug/l)	<2.63	<13.1	<26.3	<26.3	10,000	1,000
Other Organics							
Ethane	(ug/l)	<10	-			NL	NL
Ethene	(ug/l)	<10	-			NL	NL
Methane	(ug/l)	37	-			NL	NL
Inorganics							
Chloride	(mg/l)	42	-			NL	NL

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard
PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit
NR 140 ES Exceedance Noted By: **Bold**

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 9)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	GP-18											ES	PAL		
		3/12/01	5/22/01	10/17/01	6/19/02	9/30/02	12/9/02	3/24/03	6/4/03	12/10/03	5/25/04	11/22/04			6/29/05	12/22/05
VOCs																
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	<0.95	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	70	7
1,1,1-Trichloroethane	(ug/l)	<0.66	<2.6	<1.3	<0.57	<0.65	<0.65	<0.9	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	<0.77	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	--	--	--	<0.50	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	--	--	--	<0.87	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	850	85
1,1-Dichloropropene	(ug/l)	--	--	--	--	--	<0.56	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	7	0.7
1,2,3-Trichlorobenzene	(ug/l)	--	--	--	--	--	<0.79	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	--	--	--	<0.77	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
1,2,4-Trichlorobenzene	(ug/l)	--	--	--	--	--	<0.92	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	60	12
1,2,4-Trimethylbenzene	(ug/l)	--	--	--	--	--	<0.57	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	70	14
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	--	--	--	<0.69	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	480	96
1,2-Dibromoethane	(ug/l)	--	--	--	--	--	<0.88	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	0.2	0.02
1,2-Dichlorobenzene	(ug/l)	<0.18	<1.9	<1.0	<0.31	<0.71	<0.71	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<1.8	<2.3	<1.2	<0.54	<0.55	<0.55	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<1.4	<2.4	<1.2	<0.54	<0.39	<0.39	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<0.56	<3.4	<1.7	<0.72	<0.64	<0.64	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.57	<2	<1.0	<0.26	<0.58	<0.58	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	<1.3	--	--	--	<0.62	<0.62	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	--	--	<0.36	--	--	--	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.57	<2	<1.0	<0.26	<0.63	<0.63	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<1.0	<3.4	<1.7	<0.19	<0.99	<0.99	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.56	<2.8	<1.4	<0.38	<0.66	<0.66	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.46	<2.8	<1.4	<0.32	<0.89	<0.89	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<0.94	<2.1	<1.1	<0.43	<0.25	<0.25	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<1.7	<2.1	<1.1	<0.42	<0.74	<0.74	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	<1.2	--	<1.2	--	<0.67	<0.67	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	--	--	--	<0.55	<0.23	<0.23	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	--	--	--	--	--	<0.45	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	--	--	--	--	--	<0.87	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<1.1	<2.4	<1.2	<0.56	<0.47	<0.47	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.62	<1.9	<1.0	<0.43	<0.58	<0.58	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<0.44	<2.2	<1.1	<0.56	--	<0.84	--	--	<0.81	<0.81	<0.81	<0.81	<0.81	60	6
Chloroethane	(ug/l)	<1.4	<4.2	<2.1	<0.69	<0.84	<0.84	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.89	<2.3	<1.2	<0.56	<0.45	<0.45	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.64	<6.3	<3.2	<0.69	<0.27	<0.27	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l)	131	180	160	86	110	73	100	99	150	120	140	130	100	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	<0.57	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	--	--	--	--	--	<0.74	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	NL	NL
Dichlorodifluoromethane	(ug/l)	<1.0	<3.9	<2.0	<0.68	<0.57	<0.57	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<2.0	<2	<1.0	<0.51	<0.60	<0.60	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	<0.66	<2.2	<1.1	<0.49	<0.53	<0.53	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<1.7	<4.2	<2.1	<0.65	--	<0.85	--	--	<0.79	<0.79	<0.79	<0.79	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<1.1	<2.1	<1.1	<0.35	<0.95	<0.95	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<0.61	<1.9	<1.0	<0.46	<0.66	<0.66	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	NL	NL
Methylene Chloride	(ug/l)	<0.59	<2.2	<1.1	<0.6	<0.47	<0.47	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	0.67	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<0.98	<4.6	<2.3	<0.49	<0.87	<0.87	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	60	12
Naphthalene	(ug/l)	<0.41	<6.9	<3.5	<1.4	<0.63	<0.63	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	40	8
n-Butylbenzene	(ug/l)	<0.89	<1.3	<0.65	<0.34	<0.65	<0.65	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	<0.61	<1.8	<0.9	<0.34	<0.95	<0.95	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	NL	NL
p-Isopropyltoluene	(ug/l)	<0.63	<1.6	<0.8	<0.39	<0.58	<0.58	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	<0.73	<2.1	<1.1	<0.46	<0.62	<0.62	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	NL	NL
Styrene	(ug/l)	--	--	--	--	--	<0.62	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.65	<2	<1.0	<0.42	<0.96	<0.96	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.71	<2.2	<1.1	<0.49	<0.63	<0.63	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	5	0.5
Toluene	(ug/l)	<0.55	<4.1	<2.1	<0.63	<0.84	<0.84	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l)	3	<2.5	3.5 (j)	1.7 (j)	2.8	1.6 (j)	2.7 (j)	1.7	3.3	2.2	3.8	3.5	2.5	100	20
trans 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	<0.64	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Trichloroethene	(ug/l)	6	<2.4	<1.2	1.1 (j)	2.0	2.0	<0.48	0.83 (j)	0.48	0.53 (j)	0.63 (j)	0.53 (j)	0.53 (j)	5	0.5
Vinyl Chloride	(ug/l)	78	88	140	51	49	12	60	32	69	44	67	59	41	0.2	0.02
Xylenes	(ug/l)	<1.5	<6.9	<3.5	<1	<1.83	<1.83	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	10,000	1,000
Other Organics																
Ethane	(ug/l)	--	--	--	--	10	<10	<10	--	<10	<10	<10	<10	<10	NL	NL
Ethene	(ug/l)	--	--	--	--	<10	<10	<10	--	<10	<10	<10	<10	<10	NL	NL
Methane	(ug/l)	--	--	--	--	230	51	370	--	220	21	130	160	220	NL	NL
Inorganics																
Chloride	(mg/l)	--	--	--	--	--	--	--	--	--	120	120	130	120	NL	NL

Notes:

Table 4 (Page 10)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	MW-20										ES	PAL
		6/6/01	10/17/01	3/28/02	6/19/02	9/30/02	12/9/02	3/24/03	6/4/03	5/25/04	6/29/05		
VOCs													
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	<0.95	<0.92	<0.92	<0.92	<0.92	70	7
1,1,1-Trichloroethane	(ug/l)	<0.26	<0.26	<0.57	<0.57	<0.65	<0.65	<0.9	<0.9	<0.9	<0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	<0.77	<0.2	<0.2	<0.2	<0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	--	--	--	<0.50	<0.42	<0.42	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	--	--	--	<0.87	<0.75	<0.75	<0.75	<0.75	850	85
1,1-Dichloroethene	(ug/l)	--	--	--	--	--	<0.56	<0.57	<0.57	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	--	--	--	--	--	<0.79	<0.75	<0.75	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	--	--	--	--	--	<0.77	<0.74	<0.74	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	--	--	--	<0.92	<0.99	<0.99	<0.99	<0.99	60	12
1,2,4-Trichlorobenzene	(ug/l)	--	--	--	--	--	<0.57	<0.97	<0.97	<0.97	<0.97	70	14
1,2,4-Trimethylbenzene	(ug/l)	--	--	--	--	--	<0.69	<0.97	<0.97	<0.97	<0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	--	--	--	<0.88	<0.87	<0.87	<0.87	<0.87	0.2	0.02
1,2-Dibromoethane	(ug/l)	--	--	--	--	--	<0.66	<0.56	<0.56	<0.56	<0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<0.19	<0.19	<0.31	<0.31	<0.71	<0.71	<0.83	<0.83	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<0.23	<0.23	<0.54	<0.54	<0.55	<0.55	<0.36	<0.36	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<0.24	<0.24	<0.54	<0.54	<0.39	<0.39	<0.46	<0.46	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<0.34	<0.34	<0.72	<0.72	<0.64	<0.64	<0.83	<0.83	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.26	<0.26	<0.58	<0.58	<0.87	<0.87	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	--	--	--	--	<0.62	<0.62	<0.61	<0.61	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	--	<0.36	<0.36	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.26	<0.26	<0.63	<0.63	<0.95	<0.95	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<0.34	<0.34	<0.19	<0.19	<0.99	<0.99	<0.62	<0.62	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.38	<0.38	<0.66	<0.66	<0.85	<0.85	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.32	<0.32	<0.89	<0.89	<0.74	<0.74	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<0.21	<0.21	<0.43	<0.43	<0.25	<0.25	<0.41	<0.41	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<0.21	<0.21	<0.42	<0.42	<0.74	<0.74	<0.82	<0.82	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	--	<0.24	--	--	<0.67	<0.67	<0.97	<0.97	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	--	--	<0.55	<0.55	<0.23	<0.23	<0.56	<0.56	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	--	--	--	--	--	<0.45	<0.94	<0.94	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	--	--	--	--	--	<0.87	<0.91	<0.91	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<0.24	<0.24	<0.56	<0.56	<0.47	<0.47	<0.49	<0.49	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.19	<0.19	<0.43	<0.43	<0.58	<0.58	<0.41	<0.41	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<0.22	<0.22	<0.56	<0.56	--	--	--	--	<0.81	<0.81	60	6
Chloroethane	(ug/l)	<0.42	<0.42	<0.69	<0.69	<0.84	<0.84	<0.97	<0.97	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.23	<0.23	<0.56	<0.56	<0.45	<0.45	<0.37	<0.37	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.63	<0.63	<0.69	<0.69	<0.27	<0.27	<0.24	<0.24	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l)	<0.21	<0.21	<0.53	<0.53	<0.81	<0.81	<0.83	<0.83	<0.83	<0.83	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	<0.57	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	--	--	--	--	--	<0.74	<0.60	<0.60	<0.60	<0.60	NL	NL
Dichlorodifluoromethane	(ug/l)	<0.39	<0.39	<0.68	<0.68	<0.57	<0.57	<0.99	<0.99	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<0.2	<0.2	<0.51	<0.51	<0.60	<0.60	<0.76	<0.76	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	<0.22	<0.22	<0.49	<0.49	<0.53	<0.53	<0.54	<0.54	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<0.42	<0.42	<0.65	<0.65	--	--	--	--	<0.79	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<0.21	<0.21	<0.35	<0.35	<0.95	<0.95	<0.67	<0.67	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<0.19	<0.19	<0.46	<0.46	<0.66	<0.66	<0.59	<0.59	<0.59	<0.59	NL	NL
Methylene Chloride	(ug/l)	<0.22	<0.22	<0.6	<0.6	<0.47	<0.47	<0.43	0.56	0.56	0.56	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<0.46	<0.46	<0.49	<0.49	<0.87	<0.87	<0.61	<0.61	<0.61	<0.61	60	12
Naphthalene	(ug/l)	<0.69	<0.69	<1.4	<1.4	<0.63	<0.63	<0.74	<0.74	<0.74	<0.74	40	8
n-Butylbenzene	(ug/l)	<0.13	<0.13	<0.34	<0.34	<0.65	<0.65	<0.93	<0.93	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	<0.21	<0.18	<0.34	<0.34	<0.95	<0.95	<0.81	<0.81	<0.81	<0.81	NL	NL
p-Isopropyltoluene	(ug/l)	<0.16	<0.16	<0.39	<0.39	<0.58	<0.58	<0.67	<0.67	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	<0.21	<0.21	<0.46	<0.46	<0.62	<0.62	<0.89	<0.89	<0.89	<0.89	NL	NL
Styrene	(ug/l)	--	--	--	--	--	<0.62	<0.86	<0.86	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.2	<0.2	<0.42	<0.42	<0.96	<0.96	<0.97	<0.97	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.22	<0.22	<0.49	<0.49	<0.63	<0.63	<0.45	<0.45	<0.45	<0.45	5	0.5
Toluene	(ug/l)	<0.41	<0.41	<0.63	<0.63	<0.84	<0.84	<0.67	<0.67	<0.67	<0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l)	<0.25	<0.25	<0.59	<0.59	<0.80	<0.80	<0.89	<0.89	<0.89	<0.89	100	20
trans 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	<0.64	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Trichloroethene	(ug/l)	<0.24	<0.24	<0.73	<0.73	<0.39	<0.39	<0.48	<0.48	<0.48	<0.48	5	0.5
Vinyl Chloride	(ug/l)	<0.25	<0.25	<0.12	<0.12	<0.11	<0.11	<0.18	<0.18	<0.18	<0.18	0.2	0.02
Xylenes	(ug/l)	<0.69	<0.69	<1	<1	<1.83	<1.83	<2.63	<2.63	<2.63	<2.63	10,000	1,000
Other Organics													
Ethane	(ug/l)	--	--	--	--	<10	<10	<10	<1.6	<10	--	NL	NL
Ethene	(ug/l)	--	--	--	--	<10	<10	<10	<1.4	<10	--	NL	NL
Methane	(ug/l)	--	--	--	--	190	44	64	33	23	--	NL	NL
Inorganics													
Chloride	(mg/l)	--	--	--	--	--	--	--	--	180	--	NL	NL

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard

PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By:

Bold

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 11)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	PZ-21										ES	PAL
		5/22/01	10/17/01	3/28/02	6/19/02	9/30/02	12/9/02	3/24/03	6/4/03	5/25/04	6/29/05		
VOCs													
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	<0.95	<0.92	<0.92	<0.92	<0.92	70	7
1,1,1-Trichloroethane	(ug/l)	<0.26	<0.26	<0.57	<0.57	<0.65	<0.65	<0.9	<0.9	<0.9	<0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	<0.77	<0.2	<0.2	<0.2	<0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	--	--	--	<0.50	<0.42	<0.42	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	--	--	--	<0.87	<0.75	<0.75	<0.75	<0.75	850	85
1,1-Dichloroethene	(ug/l)	--	--	--	--	--	<0.56	<0.57	<0.57	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	--	--	--	--	--	<0.79	<0.75	<0.75	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	--	--	--	--	--	<0.77	<0.74	<0.74	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	--	--	--	<0.92	<0.99	<0.99	<0.99	<0.99	60	12
1,2,4-Trichlorobenzene	(ug/l)	--	--	--	--	--	<0.57	<0.97	<0.97	<0.97	<0.97	70	14
1,2,4-Trimethylbenzene	(ug/l)	--	--	--	--	--	<0.69	<0.97	<0.97	<0.97	<0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	--	--	--	<0.88	<0.87	<0.87	<0.87	<0.87	0.2	0.02
1,2-Dibromoethane	(ug/l)	--	--	--	--	--	<0.66	<0.56	<0.56	<0.56	<0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<0.19	<0.19	<0.31	<0.31	<0.71	<0.71	<0.83	<0.83	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<0.23	<0.23	<0.54	<0.54	<0.55	<0.55	<0.36	<0.36	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<0.24	<0.24	<0.54	<0.54	<0.39	<0.39	<0.46	<0.46	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<0.34	<0.34	<0.72	<0.72	<0.64	<0.64	<0.83	<0.83	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.26	<0.26	<0.58	<0.58	<0.87	<0.87	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	--	--	--	--	<0.62	<0.62	<0.61	<0.61	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	--	<0.36	<0.36	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.26	<0.26	<0.63	<0.63	<0.95	<0.95	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<0.34	<0.34	<0.19	<0.19	<0.99	<0.99	<0.62	<0.62	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.38	<0.38	<0.66	<0.66	<0.85	<0.85	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.32	<0.32	<0.89	<0.89	<0.74	<0.74	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<0.21	<0.21	<0.43	<0.43	<0.25	<0.25	<0.41	<0.41	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<0.21	<0.21	<0.42	<0.42	<0.74	<0.74	<0.82	<0.82	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	--	<0.24	--	--	<0.67	<0.67	<0.97	<0.97	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	--	--	<0.55	<0.55	<0.23	<0.23	<0.56	<0.56	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	--	--	--	--	--	<0.45	<0.94	<0.94	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	--	--	--	--	--	<0.87	<0.91	<0.91	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<0.24	<0.24	<0.56	<0.56	<0.47	<0.47	<0.49	<0.49	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.19	<0.19	<0.43	<0.43	<0.58	<0.58	<0.41	<0.41	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<0.22	<0.22	<0.56	<0.56	--	<0.84	--	--	<0.81	<0.81	60	6
Chloroethane	(ug/l)	<0.42	<0.42	<0.69	<0.69	<0.84	<0.84	<0.97	<0.97	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.23	<0.23	<0.56	<0.56	<0.45	<0.45	<0.37	<0.37	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.63	<0.63	<0.69	<0.69	<0.27	<0.27	<0.24	<0.24	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l)	<0.21	<0.21	<0.53	<0.53	<0.81	<0.81	<0.83	<0.83	<0.83	<0.83	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	<0.57	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Dibromodifluoromethane	(ug/l)	--	--	--	--	--	<0.74	<0.60	<0.60	<0.60	<0.60	NL	NL
Dibromodifluoromethane	(ug/l)	<0.39	<0.39	<0.68	<0.68	<0.57	<0.57	<0.99	<0.99	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<0.2	<0.2	<0.51	<0.51	<0.60	<0.60	<0.76	<0.76	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	<0.22	<0.22	<0.49	<0.49	<0.53	<0.53	<0.54	<0.54	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<0.42	<0.42	<0.65	<0.65	--	<0.85	--	--	<0.79	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<0.21	<0.21	<0.35	<0.35	<0.95	<0.95	<0.67	<0.67	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<0.19	<0.19	<0.46	<0.46	<0.66	<0.66	<0.59	<0.59	<0.59	<0.59	NL	NL
Methylene Chloride	(ug/l)	<0.22	<0.22	<0.6	<0.6	<0.47	<0.47	<0.43	<0.43	<0.43	<0.43	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<0.46	<0.46	<0.49	<0.49	<0.87	<0.87	<0.61	<0.61	<0.61	<0.61	60	12
Naphthalene	(ug/l)	<0.69	<0.69	<1.4	<1.4	<0.63	<0.63	<0.74	<0.74	<0.74	<0.74	40	8
n-Butylbenzene	(ug/l)	<0.13	<0.13	<0.34	<0.34	<0.65	<0.65	<0.93	<0.93	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	<0.18	<0.18	<0.34	<0.34	<0.95	<0.95	<0.81	<0.81	<0.81	<0.81	NL	NL
p-Isopropyltoluene	(ug/l)	0.23 (j)	<0.16	<0.39	<0.39	<0.58	<0.58	<0.67	<0.67	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	2.4	<0.21	<0.46	<0.46	<0.62	<0.62	<0.89	<0.89	<0.89	<0.89	NL	NL
Styrene	(ug/l)	--	--	--	--	--	<0.62	<0.86	<0.86	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.2	<0.2	<0.42	<0.42	<0.96	<0.96	<0.97	<0.97	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.22	<0.22	<0.49	<0.49	<0.63	<0.63	<0.45	<0.45	<0.45	<0.45	5	0.5
Toluene	(ug/l)	<0.41	<0.41	<0.63	<0.63	<0.84	<0.84	<0.67	<0.67	<0.67	<0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l)	<0.25	<0.25	<0.59	<0.59	<0.80	<0.80	<0.89	<0.89	<0.89	<0.89	100	20
trans 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	<0.64	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Trichloroethene	(ug/l)	<0.24	<0.24	<0.73	<0.73	<0.39	<0.39	<0.48	<0.48	<0.48	<0.48	5	0.5
Vinyl Chloride	(ug/l)	<0.25	<0.25	<0.12	<0.12	<0.11	<0.11	<0.18	<0.18	<0.18	<0.18	0.2	0.02
Xylenes	(ug/l)	<0.69	<0.69	<1	<1	<1.83	<1.83	<2.63	<2.63	<2.63	<2.63	10,000	1,000
Inorganics													
Chloride	(mg/l)	--	--	--	--	--	--	--	--	2.1	2.1	NL	NL

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard

PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By: **Bold**

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table4 (Page 12)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

	Sample No. Date	GP-23 5/22/2001	ES	PAL
VOCs				
1,1,2-Trichloroethane	(ug/l)	<4.4	5	0.5
1,1,1-Trichloroethane	(ug/l)	<5.2	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<5	0.2	0.02
1,1-Dichloroethane	(ug/l)	<4.8	850	85
1,1-Dichloroethene	(ug/l)	<5.4	7	0.7
1,2,3-Trichlorobenzene	(ug/l)	<2.6	--	--
1,2,4-Trichlorobenzene	(ug/l)	<3	--	--
1,2,4-Trimethylbenzene	(ug/l)	<5.2	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<12	--	--
1,2-Dibromoethane	(ug/l)	NA	--	--
1,2-Dichlorobenzene	(ug/l)	<3.8	600	60
1,2-Dichloroethane	(ug/l)	<4.6	5	0.5
1,2-Dichloropropane	(ug/l)	<4.8	--	--
1,3,5-Trimethylbenzene	(ug/l)	<6.8	480	96
1,3-Dichlorobenzene	(ug/l)	<4	1250	125
1,3-Dichloropropane	(ug/l)	NA	--	--
1,4-Dichlorobenzene	(ug/l)	<4	75	15
2,2-Dichloropropane	(ug/l)	<6.8	--	--
2-Chlorotoluene	(ug/l)	<5.6	--	--
4-Chlorotoluene	(ug/l)	<5.6	--	--
Benzene	(ug/l)	<4.2	5	0.5
Bromobenzene	(ug/l)	<4.2	--	--
Bromochloromethane	(ug/l)	NA	--	--
Carbon Tetrachloride	(ug/l)	<4.8	5	0.5
Chlorobenzene	(ug/l)	<3.8	--	--
Chloroethane	(ug/l)	<8.4	400	80
Chloroform	(ug/l)	<4.6	6	0.6
Chloromethane	(ug/l)	<13	3	0.3
cis 1,2-Dichloroethene	(ug/l)	650	70	7
di-Isopropyl ether	(ug/l)	<4	--	--
Dibromochloromethane	(ug/l)	<4.4	--	--
Dichlorodifluoromethane	(ug/l)	<7.8	1000	200
Chlorodibromomethane	(ug/l)	<3.6	--	--
Ethylbenzene	(ug/l)	<4.4	700	140
Hexachlorobutadiene	(ug/l)	<4.2	--	--
Isopropylbenzene	(ug/l)	<3.8	--	--
Methyl-tertiary-butyl ether	(ug/l)	<9.2	60	12
Methylene Chloride	(ug/l)	<4.4	5	0.5
Naphthalene	(ug/l)	<14	40	8
p-Isopropyltoluene	(ug/l)	<3.2	--	--
n-Butylbenzene	(ug/l)	<2.6	--	--
sec-Butylbenzene	(ug/l)	<4.2	--	--
Fluorotrichloromethane	(ug/l)	--	--	--
tert-Butylbenzene	(ug/l)	<4	--	--
Tetrachloroethene	(ug/l)	<4.4	5	0.5
trans 1,2-Dichloroethene	(ug/l)	<5	100	20
Toluene	(ug/l)	<8.2	1,000	200
Vinyl Chloride	(ug/l)	27	0.2	0.02
Trichloroethene	(ug/l)	22	5	0.5
Trichlorofluoromethane	(ug/l)	<8.4	--	--
Xylenes	(ug/l)	<13.8	10,000	1,000

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard
PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Lim
NR 140 ES Exceedance Noted By **650**

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 13)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No	Date	GP-24										ES	PAL	
		5/22/01	10/17/01	3/28/02	12/9/02	3/24/03	6/4/03	12/10/03	5/25/04	11/22/04	6/29/05			12/22/05
VOCs														
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	--	<0.95	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	70	7
1,1,1-Trichloroethane	(ug/l)	<1.3	<0.26	<2.9	<0.65	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	--	<0.77	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	--	<0.50	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	--	<0.87	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	850	85
1,1-Dichloroethane	(ug/l)	--	--	--	<0.56	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	--	--	--	<0.79	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	--	--	--	<0.77	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	--	<0.92	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	60	12
1,2,4-Trichlorobenzene	(ug/l)	--	--	--	<0.57	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	70	14
1,2,4-Trimethylbenzene	(ug/l)	--	--	--	<0.69	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	--	<0.88	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	0.2	0.02
1,2-Dibromoethane	(ug/l)	--	--	--	<0.66	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<1	<0.19	<1.6	<0.71	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<1.2	<0.23	<2.7	<0.55	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<1.2	<0.24	<2.7	<0.39	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<1.7	<0.34	<3.6	<0.64	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<1	<0.2	<1.3	<0.58	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	--	--	--	<0.62	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethane	(ug/l)	--	--	<1.8	--	--	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<1	<0.2	<1.3	<0.63	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<1.7	<0.34	<1	<0.99	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<1.4	<0.28	<1.9	<0.66	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<1.4	<0.28	<1.6	<0.89	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<1.1	<0.21	<2.2	<0.25	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<1.1	<0.21	<2.1	<0.74	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	--	<0.24	--	<0.67	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	--	--	<2.8	<0.23	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	0.6	0.06
Bromoforn	(ug/l)	--	--	--	<0.45	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	--	--	--	<0.87	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<1.2	<0.24	<2.8	<0.47	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<1	<0.19	<2.2	<0.58	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<1.1	<0.22	<2.8	<0.84	--	--	<0.81	<0.81	<0.81	<0.81	<0.81	60	6
Chloroethane	(ug/l)	<2.1	<0.42	<3.5	<0.84	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	400	80
Chloroform	(ug/l)	<1.2	<0.23	<2.8	<0.45	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<3.2	<0.63	<3.5	<0.27	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethane	(ug/l)	57	28	100	49	23	71	15	9.2	19	23	18	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	--	<0.57	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	--	--	--	<0.74	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	NL	NL
Dichlorodifluoromethane	(ug/l)	<2	<0.39	<3.4	<0.57	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<1	<0.2	<2.6	<0.60	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	<1.1	<0.22	<2.5	<0.53	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<2.1	<0.42	<3.3	<0.85	--	--	<0.79	<0.79	<0.79	<0.79	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<1.1	<0.21	<1.8	<0.95	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<1	<0.19	<2.3	<0.66	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	NL	NL
Methylene Chloride	(ug/l)	<1.1	<0.22	<3	<0.47	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<2.3	<0.46	<2.5	<0.87	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61	60	12
Naphthalene	(ug/l)	<3.5	<0.69	<7	<0.63	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	<0.74	40	8
n-Butylbenzene	(ug/l)	1.4 (j)	<0.13	<1.7	<0.65	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	<0.9	<0.18	<1.7	<0.95	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	NL	NL
p-Isopropyltoluene	(ug/l)	<0.8	<0.16	<2	<0.58	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	<1.1	<0.21	<2.3	<0.62	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	<0.89	NL	NL
Styrene	(ug/l)	--	--	--	<0.62	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<1	<0.2	<2.1	<0.96	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<1.1	<0.22	<2.5	<0.63	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	<0.45	5	0.5
Toluene	(ug/l)	<2.1	1.5	<3.2	<0.84	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	<0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l)	1.7 (j)	1.9	<3	2.6	0.96	3.4	1 (j)	<0.89	1.4(j)	1.2 (j)	<0.89	100	20
trans 1,3-Dichloropropene	(ug/l)	--	--	--	<0.64	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Trichloroethene	(ug/l)	13	11	11 (j)	12	9.1	12	8.4	5.4	6.5	5.4	5.4	5	0.5
Vinyl Chloride	(ug/l)	5.8	5.6	26	7.8	0.4	23	2.1	2.5	4.4	5.3	3.7	0.2	0.02
Xylenes	(ug/l)	<3.5	<0.69	<4.8	<1.83	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	<2.63	10,000	1,000
Other Organics														
Ethane	(ug/l)	--	--	--	--	--	<10	--	<10	<10	<10	<10	NL	NL
Ethene	(ug/l)	--	--	--	--	--	<10	--	<10	<10	<10	<10	NL	NL
Methane	(ug/l)	--	--	--	--	--	27	--	26	25	<10	<10	NL	NL
Inorganics														
Chloride	(mg/l)	--	--	--	--	--	--	--	29	29	29	27	NL	NL

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard

PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By: **Bald**

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 14)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	GP-25								ES	PAL
		5/22/01	10/17/01	3/28/02	6/19/02	9/30/02	12/9/02	3/24/03	6/4/03		
VOCs											
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	<0.95	<0.92	<0.92	70	7
1,1,1-Trichloroethane	(ug/l)	<0.26	<0.26	<0.57	<0.57	<0.65	<0.65	<0.9	<0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	--	--	--	<0.77	<0.2	<0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	--	--	--	<0.50	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	--	--	--	<0.87	<0.75	<0.75	850	85
1,1-Dichloroethene	(ug/l)	--	--	--	--	--	<0.56	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	--	--	--	--	--	<0.79	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	--	--	--	--	--	<0.77	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	--	--	--	<0.92	<0.99	<0.99	60	12
1,2,4-Trichlorobenzene	(ug/l)	--	--	--	--	--	<0.57	<0.97	<0.97	70	14
1,2,4-Trimethylbenzene	(ug/l)	--	--	--	--	--	<0.69	<0.97	<0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	--	--	--	<0.88	<0.87	<0.87	0.2	0.02
1,2-Dibromothane	(ug/l)	--	--	--	--	--	<0.66	<0.56	<0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<0.19	<0.19	<0.31	<0.31	<0.71	<0.71	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<0.23	<0.23	<0.54	<0.54	<0.55	<0.55	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<0.24	<0.24	<0.54	<0.54	<0.39	<0.39	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<0.34	<0.34	<0.72	<0.72	<0.64	<0.64	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.26	<0.26	<0.58	<0.58	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	--	--	--	--	<0.62	<0.62	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	--	<0.36	<0.36	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.26	<0.26	<0.63	<0.63	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<0.34	<0.34	<0.19	<0.19	<0.99	<0.99	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.38	<0.38	<0.66	<0.66	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.32	<0.32	<0.89	<0.89	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<0.21	<0.21	<0.43	<0.43	<0.25	<0.25	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<0.21	<0.21	<0.42	<0.42	<0.74	<0.74	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	--	<0.24	--	--	<0.67	<0.67	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	--	--	<0.55	<0.55	<0.23	<0.23	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	--	--	--	--	--	<0.45	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	--	--	--	--	--	<0.87	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<0.24	<0.24	<0.56	<0.56	<0.47	<0.47	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.19	<0.19	<0.43	<0.43	<0.58	<0.58	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<0.22	<0.22	<0.56	<0.56	--	<0.84	--	--	60	6
Chloroethane	(ug/l)	<0.42	<0.42	<0.69	<0.69	<0.84	<0.84	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.23	<0.23	<0.56	<0.56	<0.45	<0.45	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.63	<0.63	<0.69	<0.69	<0.27	<0.27	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l)	0.28 (j)	0.31 (j)	<0.53	<0.53	<0.81	<0.81	<0.83	<0.83	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	<0.57	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	--	--	--	--	--	<0.74	<0.60	<0.60	NL	NL
Dichlorodifluoromethane	(ug/l)	<0.39	<0.39	<0.68	<0.68	<0.57	<0.57	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<0.2	<0.2	<0.51	<0.51	<0.60	<0.60	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	<0.22	<0.22	<0.49	<0.49	<0.53	<0.53	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<0.42	<0.42	<0.65	<0.65	--	<0.85	--	--	3490	698
Hexachlorobutadiene	(ug/l)	<0.21	<0.21	<0.35	<0.35	<0.95	<0.95	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<0.19	<0.19	<0.46	<0.46	<0.66	<0.66	<0.59	<0.59	NL	NL
Methylene Chloride	(ug/l)	<0.22	<0.22	<0.6	<0.6	<0.47	<0.47	<0.43	0.54	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<0.46	<0.46	<0.49	<0.49	<0.87	<0.87	<0.61	<0.61	60	12
Naphthalene	(ug/l)	<0.69	<0.69	<1.4	<1.4	<0.63	<0.63	<0.74	<0.74	40	8
n-Butylbenzene	(ug/l)	<0.13	<0.13	<0.34	<0.34	<0.65	<0.65	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	<0.18	<0.18	<0.34	<0.34	<0.95	<0.95	<0.81	<0.81	NL	NL
p-Isopropyltoluene	(ug/l)	0.2 (j)	<0.16	<0.39	<0.39	<0.58	<0.58	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	0.53 (j)	<0.21	<0.46	<0.46	<0.62	<0.62	<0.89	<0.89	NL	NL
Styrene	(ug/l)	--	--	--	--	--	<0.62	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.2	<0.2	<0.42	<0.42	<0.96	<0.96	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.22	<0.22	<0.49	<0.49	<0.63	<0.63	<0.45	<0.45	5	0.5
Toluene	(ug/l)	3.7	<0.41	2 (j)	<0.63	<0.84	<0.84	<0.67	<0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l)	<0.25	<0.25	<0.59	<0.59	<0.80	<0.80	<0.89	<0.89	100	20
trans 1,3-Dichloropropene	(ug/l)	--	--	--	--	--	<0.64	<0.19	<0.19	0.2	0.02
Trichloroethene	(ug/l)	1.0	<0.24	<0.73	<0.73	<0.39	<0.39	<0.48	<0.48	5	0.5
Vinyl Chloride	(ug/l)	<0.25	<0.25	<0.12	<0.12	<0.11	<0.11	<0.18	<0.18	0.2	0.02
Xylenes	(ug/l)	<0.69	<0.69	<1	<1	<1.83	<1.83	<2.63	<2.63	10,000	1,000

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard

PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By:

Bold

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 15)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

	Sample No. Date	GP-29				ES	PAL
		5/22/2001	10/17/2001	3/28/2002	6/19/2002		
<i>VOCs</i>							
1,1,2-Trichloroethane	(ug/l)	<0.22	<0.22	<0.52	<0.52	5	0.5
1,1,1-Trichloroethane	(ug/l)	<0.26	<0.26	<0.57	<0.57	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<0.25	<0.25	<0.25	<0.25	0.2	0.02
1,1-Dichloroethane	(ug/l)	<0.24	<0.24	<0.57	<0.57	850	85
1,1-Dichloroethene	(ug/l)	<0.27	<0.27	<0.57	<0.57	7	0.7
1,2,3-Trichlorobenzene	(ug/l)	<0.13	<0.13	<0.65	<0.65	--	--
1,2,4-Trichlorobenzene	(ug/l)	<0.15	<0.15	<0.1	<0.1	--	--
1,2,4-Trimethylbenzene	(ug/l)	<0.26	<0.26	<0.42	<0.42	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.62	<0.62	<0.17	<0.17	--	--
1,2-Dibromoethane	(ug/l)	NA	NA	<0.48	<0.48	--	--
1,2-Dichlorobenzene	(ug/l)	<0.19	<0.19	<0.31	<0.31	600	60
1,2-Dichloroethane	(ug/l)	<0.23	<0.23	<0.54	<0.54	5	0.5
1,2-Dichloropropane	(ug/l)	<0.24	<0.24	<0.54	<0.54	--	--
1,3,5-Trimethylbenzene	(ug/l)	<0.34	<0.34	<0.72	<0.72	480	96
1,3-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.26	<0.26	1250	125
1,3-Dichloropropane	(ug/l)	NA	NA	NA	NA	--	--
1,3-DCP, Tetrachloroethene	(ug/l)	NA	NA	<0.36	<0.36	--	--
1,4-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.26	<0.26	75	15
2,2-Dichloropropane	(ug/l)	<0.34	<0.34	<0.19	<0.19	--	--
2-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.38	<0.38	--	--
4-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.32	<0.32	--	--
Benzene	(ug/l)	<0.21	<0.21	<0.43	<0.43	5	0.5
Bromobenzene	(ug/l)	<0.21	<0.21	<0.42	<0.42	--	--
Bromochloromethane	(ug/l)	NA	<0.24	NA	NA	--	--
Bromodichloromethane	(ug/l)	NA	NA	<0.55	<0.55	0.6	0.06
Carbon Tetrachloride	(ug/l)	<0.24	<0.24	<0.56	<0.56	5	0.5
Chlorobenzene	(ug/l)	<0.19	<0.19	<0.43	<0.43	--	--
Chloroethane	(ug/l)	<0.42	<0.42	<0.69	<0.69	400	80
Chloroform	(ug/l)	<0.23	<0.23	<0.56	<0.56	6	0.6
Chloromethane	(ug/l)	<0.63	<0.63	<0.69	<0.69	3	0.3
cis 1,2-Dichloroethene	(ug/l)	5.1	6.1	4	5.2	70	7
di-Isopropyl ether	(ug/l)	<0.2	<0.2	<0.51	<0.51	--	--
Chlorodibromomethane	(ug/l)	<0.22	<0.22	<0.6	<0.6	5	0.5
Dibromochloromethane	(ug/l)	<0.23	<0.22	<0.56	<0.56	--	--
Dichlorodifluoromethane	(ug/l)	<0.39	<0.39	<0.68	<0.68	1000	200
Ethylbenzene	(ug/l)	<0.22	<0.22	<0.49	<0.49	700	140
Hexachlorobutadiene	(ug/l)	<0.21	<0.21	<0.35	<0.35	--	--
Isopropylbenzene	(ug/l)	<0.19	<0.19	<0.46	<0.46	--	--
n-Butylbenzene	(ug/l)	<0.13	<0.13	<0.34	<0.34	--	--
n-Propylbenzene	(ug/l)	<0.18	<0.18	<0.34	<0.34	--	--
Methyl-tertiary-butyl ether	(ug/l)	<0.46	<0.46	<0.49	<0.49	60	12
Naphthalene	(ug/l)	<0.69	<0.69	<1.4	<1.4	40	8
Fluorotrichloromethane							
p-Isopropyltoluene	(ug/l)	<0.16	<0.16	<0.39	<0.39	--	--
sec-Butylbenzene	(ug/l)	<0.21	<0.21	<0.46	<0.46	--	--
Tetrachloroethene	(ug/l)	<0.22	<0.22	<0.49	<0.49	5	0.5
tert-Butylbenzene	(ug/l)	<0.2	<0.2	<0.42	<0.42	--	--
Trichloroethene	(ug/l)	<0.24	0.39 (j)	<0.73	<0.73	5	0.5
Toluene	(ug/l)	<0.41	<0.41	<0.63	<0.63	1,000	200
trans 1,2-Dichloroethene	(ug/l)	0.33 (j)	0.9	<0.59	<0.59	100	20
Trichlorofluoromethane	(ug/l)	<0.42	<0.42	<0.65	<0.65	--	--
Xylenes	(ug/l)	<0.69	<0.69	<1	<1	10,000	1,000
Vinyl Chloride	(ug/l)	4.6	22	2	17	0.2	0.02

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard

PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By:

Bold

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 16)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

	Sample No.	GP-30				ES	PAL
		Date	10/18/2001	12/3/2001	2/21/2006		
VOCs							
1,1,1,2-Trichloroethane	(ug/l)	NA	NA	<0.92	<0.92	70	7
1,1,2-Trichloroethane	(ug/l)	<0.22	<0.22	<0.42	<0.42	5	0.5
1,1,1-Trichloroethane	(ug/l)	<0.26	<0.26	<0.90	<0.90	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<0.25	<0.25	<0.20	<0.20	0.2	0.02
1,1-Dichloroethane	(ug/l)	<0.24	<0.24	<0.75	<0.75	850	85
1,1-Dichloroethene	(ug/l)	<0.27	<0.27	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	NA	NA	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	<0.13	<0.13	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	NA	NA	<0.99	<0.99	NL	NL
1,2,4-Trichlorobenzene	(ug/l)	<0.15	<0.15	<0.97	<0.97	NL	NL
1,2,4-Trimethylbenzene	(ug/l)	<0.26	<0.26	<0.97	<0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.62	<0.62	<0.87	<0.87	NL	NL
1,2-Dibromoethane	(ug/l)	NA	NA	<0.56	<0.56	NL	NL
1,2-Dichlorobenzene	(ug/l)	<0.19	<0.19	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<0.23	<0.23	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<0.24	<0.24	<0.46	<0.46	NL	NL
1,3,5-Trimethylbenzene	(ug/l)	<0.34	<0.34	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	NA	NA	<0.61	<0.61	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.2	<0.2	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<0.34	<0.34	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.28	<0.28	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<0.21	<0.21	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<0.21	<0.21	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	<0.24	<0.24	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	NA	NA	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	NA	NA	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	NA	NA	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<0.24	<0.24	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.19	<0.19	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	NA	NA	<0.81	<0.81	NL	NL
Chloroethane	(ug/l)	<0.42	<0.42	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.23	<0.23	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.63	<0.63	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l)	<0.21	<0.21	<0.83	<0.83	70	7
cis 1,3-Dichloropropene	(ug/l)	NA	NA	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	NA	NA	<0.60	<0.60	NL	NL
Dichlorodifluoromethane	(ug/l)	NA	NA	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<0.2	<0.2	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	<0.22	<0.22	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	NA	NA	<0.79	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<0.21	<0.21	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<0.19	<0.19	<0.59	<0.59	NL	NL
Methyl-tertiary-butyl ether	(ug/l)	<0.46	<0.46	<0.61	<0.61	60	12
Methylene Chloride	(ug/l)	<0.22	<0.22	<0.43	<0.43	5	0.5
Naphthalene	(ug/l)	<0.69	<0.69	<0.74	<0.74	40	8
n-Propylbenzene	(ug/l)	NA	NA	<0.81	<0.81	NL	NL
p-Isopropyltoluene	(ug/l)	<0.16	<0.16	<0.67	<0.67	NL	NL
n-Butylbenzene	(ug/l)	<0.13	<0.13	<0.93	<0.93	NL	NL
sec-Butylbenzene	(ug/l)	<0.21	<0.21	<0.89	<0.89	NL	NL
Styrene	(ug/l)	NA	NA	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.2	<0.2	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.22	<0.22	<0.45	<0.45	5	0.5
trans 1,2-Dichloroethene	(ug/l)	<0.25	<0.25	<0.89	<0.89	100	20
trans, 1,3-Dichloropropane	(ug/l)	NA	NA	NA	0.19	NL	NL
Toluene	(ug/l)	<0.41	<0.41	<0.67	<0.67	1,000	200
Vinyl Chloride	(ug/l)	<0.25	<0.25	<0.18	<0.18	0.2	0.02
Trichloroethene	(ug/l)	<0.24	<0.24	<0.48	<0.48	5	0.5
Xylenes	(ug/l)	<0.69	<0.69	<2.63	<2.63	10,000	1,000

Notes:

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PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By:

bold

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 17)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	GP-31											ES	PAL	
		10/17/01	3/28/02	6/19/02	9/30/02	12/9/02	3/24/03	6/4/03	12/10/03	5/25/04	11/22/04	6/29/05			12/22/05
VOCs															
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	--	--	<4.8	<4.6	<4.6	<4.6	<4.6	<1.8	<4.6	<1.8	70	7
1,1,1-Trichloroethane	(ug/l)	<5.2	<11	<5.7	<3.2	<3.2	<4.5	<4.5	<4.5	<4.5	<1.8	<4.5	<1.8	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	--	--	<3.9	<1.0	<1.0	<1.0	<1.0	<0.4	<1.0	<0.40	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	--	--	<2.5	<2.1	<2.1	<2.1	<2.1	<0.84	<2.1	<0.84	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	--	--	<4.3	<3.8	<3.8	<3.8	<3.8	<1.5	<3.8	<1.5	850	85
1,1-Dichloroethene	(ug/l)	--	--	--	--	<2.8	<2.8	<2.8	<2.8	<2.8	<1.1	<2.8	<1.1	7	0.7
1,1-Dichloropropene	(ug/l)	--	--	--	--	<4.0	<3.8	<3.8	<3.8	<3.8	<1.5	<3.8	<1.5	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	--	--	--	--	<3.9	<3.7	<3.7	<3.7	<3.7	<1.5	<3.7	<1.5	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	--	--	<4.6	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<2.0	60	12
1,2,4-Trichlorobenzene	(ug/l)	--	--	--	--	<2.8	<4.8	<4.8	<4.8	<4.8	<1.9	<4.8	<1.9	70	14
1,2,4-Trimethylbenzene	(ug/l)	--	--	--	--	<3.4	<4.8	<4.8	<4.8	<4.8	<1.9	<4.8	<1.9	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	--	--	<4.4	<4.4	<4.4	<4.4	<4.4	<1.7	<4.4	<1.7	0.2	0.02
1,2-Dibromoethane	(ug/l)	--	--	--	--	<3.3	<2.8	<2.8	<2.8	<2.8	<1.1	<2.8	<1.1	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<3.8	<6.2	<3.1	<3.5	<3.5	<4.2	<4.2	<4.2	<4.2	<1.7	<4.1	<1.7	600	60
1,2-Dichloroethane	(ug/l)	<4.6	<11	<5.4	<2.8	<2.8	<1.8	<1.8	<1.8	<1.8	<0.72	<1.8	<0.72	5	0.5
1,2-Dichloropropane	(ug/l)	<4.8	<11	<5.4	<1.9	<1.9	<2.3	<2.3	<2.3	<2.3	<0.92	<2.3	<0.92	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<6.8	<14	<7.2	<3.2	<3.2	<4.2	<4.2	<4.2	<4.2	<1.7	<4.1	<1.7	480	96
1,3-Dichlorobenzene	(ug/l)	<4.0	<5.2	<2.6	<2.9	<2.9	<4.4	<4.4	<4.4	<4.4	<1.7	<4.4	<1.7	1250	125
1,3-Dichloropropane	(ug/l)	--	--	--	<3.1	<3.1	<3.0	<3.0	<3.0	<3.0	<1.2	<3.0	<1.2	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	<7.2	<3.6	--	--	--	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<4.0	<5.2	<2.6	<3.1	<3.1	<4.8	<4.8	<4.8	<4.8	<1.9	<4.8	<1.9	75	15
2,2-Dichloropropane	(ug/l)	<6.8	<3.8	<1.9	<5.0	<5.0	<3.1	<3.1	<3.1	<3.1	<1.2	<3.1	<1.2	NL	NL
2-Chlorotoluene	(ug/l)	<5.6	<7.6	<3.8	<3.3	<3.3	<4.2	<4.2	<4.2	<4.2	<1.7	<4.2	<1.7	NL	NL
4-Chlorotoluene	(ug/l)	<5.6	<6.4	<3.2	<4.5	<4.5	<3.7	<3.7	<3.7	<3.7	<1.5	<3.7	<1.5	NL	NL
Benzene	(ug/l)	<4.2	<8.6	<4.3	<1.2	<1.2	<2.0	<2.0	<2.0	<2.0	<0.82	<2.0	<0.82	5	0.5
Bromobenzene	(ug/l)	<4.2	<8.4	<4.2	<3.7	<3.7	<4.1	<4.1	<4.1	<4.1	<1.6	<4.1	<1.6	NL	NL
Bromochloromethane	(ug/l)	<4.8	<11	<5.5	<3.4	<3.4	<4.8	<4.8	<4.8	<4.8	<1.9	<4.8	<1.9	NL	NL
Bromodichloromethane	(ug/l)	--	<11	<5.5	<1.2	<1.2	<2.8	<2.8	<2.8	<2.8	<1.1	<2.8	<1.1	0.6	0.06
Bromoform	(ug/l)	--	--	--	--	<2.2	<4.7	<4.7	<4.7	<4.7	<1.9	<4.7	<1.9	4.4	0.44
Bromomethane	(ug/l)	--	--	--	--	<4.3	<4.6	<4.6	<4.6	<4.6	<1.8	<4.6	<1.8	10	1
Carbon Tetrachloride	(ug/l)	<4.8	<11	<5.6	<2.3	<2.3	<2.4	<2.4	<2.4	<2.4	<0.98	<2.4	<0.98	5	0.5
Chlorobenzene	(ug/l)	<3.8	<8.6	<4.3	<2.9	<2.9	<2.0	<2.0	<2.0	<2.0	<0.82	<2.0	<0.82	NL	NL
Chlorodibromomethane	(ug/l)	<4.4	<11	<5.6	--	<4.2	--	--	<4.1	<4.1	<1.6	<4.1	<1.6	60	6
Chloroethane	(ug/l)	<8.4	<14	<6.9	<4.2	<4.2	<4.8	<4.8	<4.8	<4.8	<1.9	<4.8	<1.9	400	80
Chloroform	(ug/l)	<4.6	<11	<5.6	<2.2	<2.2	<1.8	<1.8	<1.8	<1.8	<0.74	<1.8	<0.74	6	0.6
Chloromethane	(ug/l)	<13	<14	<6.9	<1.4	<1.4	<1.2	<1.2	<1.2	<1.2	<0.48	<1.2	<0.48	3	0.3
cis 1,2-Dichloroethene	(ug/l)	37	31 (j)	44	56	44	44	54	44	40	38	34	24	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	--	--	<2.8	<0.95	<0.95	<0.95	<0.95	<0.38	<0.95	<0.38	0.2	0.02
Dibromomethane	(ug/l)	--	--	--	--	<3.7	<3.0	<3.0	<3.0	<3.0	<1.2	<3.0	<1.2	NL	NL
Dichlorodifluoromethane	(ug/l)	<7.8	<14	<6.8	<2.8	<2.8	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<2.0	1000	200
di-Isopropyl ether	(ug/l)	<4.0	<10	<5.1	<3.0	<3.0	<3.8	<3.8	<3.8	<3.8	<1.5	<3.8	<1.5	NL	NL
Ethylbenzene	(ug/l)	<4.4	<10	<4.9	<2.6	<2.6	<2.7	<2.7	<2.7	<2.7	<1.1	<2.7	<1.1	700	140
Fluorotrichloromethane	(ug/l)	<8.4	<13	<6.5	--	<4.2	--	--	<4.1	<4.1	<1.6	<4.0	<1.6	3490	698
Hexachlorobutadiene	(ug/l)	<4.2	<7	<3.5	<4.8	<4.8	<3.4	<3.4	<3.4	<3.4	<1.3	<3.4	<1.3	NL	NL
Isopropylbenzene	(ug/l)	<3.8	<9.2	<4.6	<3.3	<3.3	<3.0	<3.0	<2.9	<2.9	<1.2	<2.9	<1.2	NL	NL
Methylene Chloride	(ug/l)	<4.4	<12	<6	<2.3	<2.3	<2.2	<2.2	<2.2	<2.2	<0.86	<2.2	<0.86	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<9.2	<10	<4.9	<4.3	<4.3	<3.0	<3.0	<3.0	<3.0	<1.2	<3.0	<1.2	60	12
Naphthalene	(ug/l)	<14	<28	<14	<3.1	<3.1	<3.7	<3.7	<3.7	<3.7	<1.5	<3.7	<1.5	40	8
n-Butylbenzene	(ug/l)	<2.6	<6.8	<3.4	<3.2	<3.2	<4.6	<4.6	<4.6	<4.6	<1.9	<4.6	<1.9	NL	NL
n-Propylbenzene	(ug/l)	<3.6	<6.8	<3.4	<4.8	<4.8	<4.0	<4.0	<4.1	<4.1	<1.6	<4.1	<1.6	NL	NL
p-Isopropyltoluene	(ug/l)	<3.2	<7.8	<3.9	<2.9	<2.9	<3.4	<3.4	<3.4	<3.4	<1.3	<3.4	<1.3	NL	NL
sec-Butylbenzene	(ug/l)	<4.2	<9.2	<4.6	<3.1	<3.1	<4.4	<4.4	<4.4	<4.4	<1.8	<4.4	<1.8	NL	NL
Styrene	(ug/l)	--	--	--	--	<3.1	<4.3	<4.3	<4.3	<4.3	<1.7	<4.3	<1.7	100	10
tert-Butylbenzene	(ug/l)	<4.0	<8.4	<4.2	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<1.9	<4.8	<1.9	NL	NL
Tetrachloroethene	(ug/l)	<4.4	<10	<4.9	<3.1	<3.1	<2.2	<2.2	<2.2	<2.2	<0.9	<2.2	<0.90	5	0.5
Toluene	(ug/l)	<8.2	<13	<6.3	<4.2	<4.2	<3.4	<3.4	<3.4	<3.4	<1.3	<3.4	<1.3	1,000	200
trans 1,2-Dichloroethene	(ug/l)	5.9 (j)	<12	6.5 (j)	14	8.8	8.4	10	9.6 (j)	8.3	7.4	7.9	4.4	100	20
trans 1,3-Dichloropropene	(ug/l)	--	--	--	--	<3.2	<0.95	<0.95	<0.95	<0.95	<0.38	<0.95	<0.38	0.2	0.02
Trichloroethene	(ug/l)	360	260	520	530	470	530	520	570	510	390	410	240	5	0.5
Vinyl Chloride	(ug/l)	17	<2.4	<1.2	6.1	2.4	<0.9	2.9	3.5	<0.9	2.3	2.3	0.6	0.2	0.02
Xylenes	(ug/l)	<13.8	<19	<10	<9.1	<9.1	<13.2	<13.2	<13.1	<13.1	<5.3	<13.1	<5.3	10,000	1,000
Other Organics															
Ethane	(ug/l)	--	--	--	<10	<10	<10	<1.6	<10	<10	<10	<10	--	NL	NL
Ethene	(ug/l)	--	--	--	<10	18	<10	<1.4	<10	<10	<10	<10	--	NL	NL
Methane	(ug/l)	--	--	--	19	<10	<10	<2.0	<10	<10	<10	<10	--	NL	NL
Inorganics															
Chloride	(mg/l)	--	--	--	--	--	--	--	--	93	89	98	98	NL	NL

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard
PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit
NR 140 ES Exceedance Noted By: **Bold**

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 18)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	GP-32											ES	PAL	
		10/17/01	3/28/02	6/19/02	9/30/02	12/9/02	3/24/03	6/4/03	12/10/03	5/25/04	11/22/04	6/29/05			12/22/05
VOCs															
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	--	--	<2.4	<0.92	<1.8	<2.3	<2.3	<2.3	<4.6	<1.8	70	7
1,1,1-Trichloroethane	(ug/l)	<1.3	<0.57	<0.57	<1.3	<1.6	<0.9	<1.8	<2.2	<2.2	<2.2	<4.5	<1.8	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	--	--	<1.9	<0.2	<0.4	<0.5	<0.5	<0.5	<1.0	<0.40	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	--	--	<1.2	<0.42	<0.84	<1.0	<1.0	<1.0	<2.1	<0.84	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	--	--	<2.2	<0.75	<1.5	<1.9	<1.9	<1.9	<3.8	<1.5	850	85
1,1-Dichloroethene	(ug/l)	--	--	--	--	<1.4	<0.57	<1.1	<1.4	<1.4	<1.4	<2.8	<1.1	7	0.7
1,1-Dichloropropene	(ug/l)	--	--	--	--	<2.0	<0.75	<1.5	<1.9	<1.9	<1.9	<3.8	<1.5	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	--	--	--	--	<1.9	<0.74	<1.5	<1.8	<1.8	<1.8	<3.7	<1.5	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	--	--	<2.3	<0.99	<2.0	<2.5	<2.5	<2.5	<5.0	<2.0	60	12
1,2,4-Trichlorobenzene	(ug/l)	--	--	--	--	<1.4	<0.97	<1.9	<2.4	<2.4	<2.4	<4.8	<1.9	70	14
1,2,4-Trimethylbenzene	(ug/l)	--	--	--	--	<1.7	<0.97	<1.9	<2.4	<2.4	<2.4	<4.8	<1.9	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	--	--	<2.2	<0.87	<1.7	<2.2	<2.2	<2.2	<4.4	<1.7	0.2	0.02
1,2-Dibromoethane	(ug/l)	--	--	--	--	<1.7	<0.56	<1.1	<1.4	<1.4	<1.4	<2.8	<1.1	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<1.0	<0.31	<0.31	<1.4	<1.8	<0.83	<1.7	<2.1	<2.1	<2.1	<4.1	<1.7	600	60
1,2-Dichloroethane	(ug/l)	<1.2	<0.54	<0.54	<1.1	<1.4	<0.36	<0.72	<0.9	<0.9	<0.9	<1.8	<0.72	5	0.5
1,2-Dichloropropane	(ug/l)	<1.2	<0.54	<0.54	<0.78	<0.97	<0.46	<0.92	<1.2	<1.2	<1.2	<2.3	<0.92	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<1.7	<0.72	<0.72	<1.3	<1.6	<0.83	<1.7	<2.1	<2.1	<2.1	<4.1	<1.7	480	96
1,3-Dichlorobenzene	(ug/l)	<1.0	<0.26	<0.26	<1.2	<1.4	<0.87	<1.7	<2.2	<2.2	<2.2	<4.4	<1.7	1250	125
1,3-Dichloropropane	(ug/l)	--	--	--	<1.2	<1.6	<0.61	<1.2	<1.5	<1.5	<1.5	<3.0	<1.2	NL	NL
1,3-DCP, Tetrachlorethene	(ug/l)	--	<0.36	<0.36	--	--	--	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<1.0	<0.26	<0.26	<1.3	<1.6	<0.95	<1.9	<2.4	<2.4	<2.4	<4.8	<1.9	75	15
2,2-Dichloropropane	(ug/l)	<1.7	<0.19	<0.19	<2.0	<2.5	<0.62	<1.2	<1.6	<1.6	<1.6	<3.1	<1.2	NL	NL
2-Chlorotoluene	(ug/l)	<1.4	<0.38	<0.38	<1.3	<1.7	<0.85	<1.7	<2.1	<2.1	<2.1	<4.2	<1.7	NL	NL
4-Chlorotoluene	(ug/l)	<1.4	<0.32	<0.32	<1.8	<2.2	<0.74	<1.5	<1.8	<1.8	<1.8	<3.7	<1.5	NL	NL
Benzene	(ug/l)	<1.1	<0.43	<0.43	<0.5	<0.62	<0.41	<0.82	<1.0	<1.0	<1.0	<2.0	<0.82	5	0.5
Bromobenzene	(ug/l)	<1.1	<0.42	<0.42	<1.5	<1.8	<0.82	<1.6	<2.0	<2.0	<2.0	<4.1	<1.6	NL	NL
Bromochloromethane	(ug/l)	<1.2	--	--	<1.3	<1.7	<0.97	<1.9	<2.4	<2.4	<2.4	<4.8	<1.9	NL	NL
Bromodichloromethane	(ug/l)	--	<0.55	<0.55	<0.46	<0.58	<0.56	<1.1	<1.4	<1.4	<1.4	<2.8	<1.1	0.6	0.06
Bromoform	(ug/l)	--	--	--	--	<1.1	<0.94	<1.9	<2.3	<2.3	<2.3	<4.7	<1.9	4.4	0.44
Bromomethane	(ug/l)	--	--	--	--	<2.2	<0.91	<1.8	<2.3	<2.3	<2.3	<4.6	<1.8	10	1
Carbon Tetrachloride	(ug/l)	<1.2	<0.56	<0.56	<0.94	<1.2	<0.49	<0.98	<1.2	<1.2	<1.2	<2.4	<0.98	5	0.5
Chlorobenzene	(ug/l)	<1.0	<0.43	<0.43	<1.2	<1.4	<0.41	<0.82	<1.0	<1.0	<1.0	<2.0	<0.82	NL	NL
Chlorodibromomethane	(ug/l)	<1.1	<0.56	<0.56	--	<2.1	--	--	<2.0	<2.0	<2.0	<4.1	<1.6	60	6
Chloroethane	(ug/l)	<2.1	<0.69	<0.69	<1.7	<2.1	<0.97	<1.9	<2.4	<2.4	<2.4	<4.8	<1.9	400	80
Chloroform	(ug/l)	<1.2	<0.56	<0.56	<0.90	<1.1	<0.37	<0.74	<0.92	<0.92	<0.92	<1.8	<0.74	6	0.6
Chloromethane	(ug/l)	<3.2	<0.69	<0.69	<0.54	<0.68	<0.24	<0.48	<0.6	<0.6	<0.6	<1.2	<0.48	3	0.3
cis 1,2-Dichloroethene	(ug/l)	120	140	200	310	160	150	200	290	360	420	480	270	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	--	--	<1.4	<0.19	<0.38	<0.48	<0.48	<0.48	<0.95	<0.38	0.2	0.02
Dibromomethane	(ug/l)	--	--	--	--	<1.8	<0.60	<1.2	<1.5	<1.5	<1.5	<3.0	<1.2	NL	NL
Dichlorodifluoromethane	(ug/l)	<2.0	<0.68	<0.68	<1.1	<1.4	<0.99	<2.0	<2.5	<2.5	<2.5	<5.0	<2.0	1000	200
di-Isopropyl ether	(ug/l)	<1.0	<0.51	<0.51	<1.2	<1.5	<0.76	<1.5	<1.9	<1.9	<1.9	<3.8	<1.5	NL	NL
Ethylbenzene	(ug/l)	<1.1	<0.49	<0.49	<1.1	<1.3	<0.54	<1.1	<1.4	<1.4	<1.4	<2.7	<1.1	700	140
Fluorotrichloromethane	(ug/l)	<2.1	<0.65	<0.65	--	<2.1	--	--	<2.0	<2.0	<2.0	<4.0	<1.6	3490	698
Hexachlorobutadiene	(ug/l)	<1.1	<0.35	<0.35	<1.9	<2.4	<0.67	<1.3	<1.7	<1.7	<1.7	<3.4	<1.3	NL	NL
Isopropylbenzene	(ug/l)	<1.0	<0.46	<0.46	<1.3	<1.7	<0.59	<1.2	<1.5	<1.5	<1.5	<2.9	<1.2	NL	NL
Methylene Chloride	(ug/l)	<1.1	<0.6	<0.6	<0.94	<1.2	<0.43	<0.86	<1.1	<1.1	<1.1	<2.2	2.3	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<2.3	<0.49	<0.49	<1.7	<2.2	<0.61	<1.2	<1.5	<1.5	<1.5	<3.0	<1.2	60	12
Naphthalene	(ug/l)	<3.5	<1.4	<1.4	<1.3	<1.6	<0.74	<1.5	<1.8	<1.8	<1.8	<3.7	<1.5	40	8
n-Butylbenzene	(ug/l)	<0.65	<0.34	<0.34	<1.3	<1.6	<0.93	<1.9	<2.3	<2.3	<2.3	<4.6	<1.9	NL	NL
n-Propylbenzene	(ug/l)	<0.9	<0.34	<0.34	<1.9	<2.4	<0.81	<1.6	<2.0	<2.0	<2.0	<4.1	<1.6	NL	NL
p-Isopropyltoluene	(ug/l)	<0.8	<0.39	<0.39	<1.2	<1.4	<0.67	<1.3	<1.7	<1.7	<1.7	<3.4	<1.3	NL	NL
sec-Butylbenzene	(ug/l)	<1.1	<0.46	<0.46	<1.2	<1.6	<0.89	<1.8	<2.2	<2.2	<2.2	<4.4	<1.8	NL	NL
Styrene	(ug/l)	--	--	--	--	<1.6	<0.86	<1.7	<2.2	<2.2	<2.2	<4.3	<1.7	100	10
tert-Butylbenzene	(ug/l)	<1.0	<0.42	<0.42	<1.9	<2.4	<0.97	<1.9	<2.4	<2.4	<2.4	<4.8	<1.9	NL	NL
Tetrachloroethene	(ug/l)	<1.1	<0.49	<0.49	<1.3	<1.6	<0.45	<0.9	<1.1	<1.1	<1.1	<2.2	<0.90	5	0.5
Toluene	(ug/l)	<2.1	1 (j)	<0.63	<1.7	<2.1	<0.67	<1.3	<1.7	<1.7	<1.7	<3.4	<1.3	1,000	200
trans 1,2-Dichloroethene	(ug/l)	4.5	8.6	17	16	8.3	8.4	11	14	16	22	26	16	100	20
trans 1,3-Dichloropropene	(ug/l)	--	--	--	--	<1.6	<0.19	<0.38	<0.48	<0.48	<0.48	<0.95	<0.38	0.2	0.02
Trichloroethene	(ug/l)	<1.2	<0.73	<0.73	<0.78	<0.97	0.71	<0.96	<1.2	<1.2	<1.2	<2.4	<0.96	5	0.5
Vinyl Chloride	(ug/l)	13	14	43	30	6.5	1.9	14	19	29	32	35	21	0.2	0.02
Xylenes	(ug/l)	<3.5	6.3	<1	<3.7	<4.6	<2.63	<5.3	<6.6	<6.6	<6.6	<13.1	<5.3	10,000	1,000
Other Organics															
Ethane	(ug/l)	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	NL	NL
Ethene	(ug/l)	--	--	--	--	--	--	<10	--	<10	<10	<10	<10	NL	NL
Methane	(ug/l)	--	--	--	--	--	--	<10	--	11	18	51		NL	NL
Inorganics															
Chloride	(mg/l)	--	--	--	--	--	--	--	57	56	62	58		NL	NL

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard
PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit
NR 140 ES Exceedance Noted By: **Bold**

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 19)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

	Sample No. Date	MW-33						ES	PAL
		6/19/02	3/24/03	6/4/03	5/25/04	6/29/05	9/13/06		
VOCs									
1,1,1-Trichloroethane	(ug/l)	<0.57	<0.9	<0.9	<0.9	<0.9	<0.92	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<0.25	<0.2	<0.2	<0.2	<0.2	<0.20	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	<0.52	<0.92	<0.42	<0.42	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	<0.57	<0.75	<0.75	<0.75	<0.75	<0.75	850	85
1,1-Dichloroethane	(ug/l)	<0.57	<0.57	<0.57	<0.57	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	--	<0.75	<0.75	<0.75	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	<0.65	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	<0.99	<0.99	<0.99	<0.99	<0.99	60	12
1,2,4-Trichlorobenzene	(ug/l)	<0.1	<0.97	<0.97	<0.97	<0.97	<0.97	70	14
1,2,4-Trimethylbenzene	(ug/l)	<0.42	<0.97	<0.97	<0.97	<0.97	<0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.17	<0.87	<0.87	<0.87	<0.87	<0.87	0.2	0.02
1,2-Dibromoethane	(ug/l)	<0.48	<0.56	<0.56	<0.56	<0.56	<0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<0.31	<0.83	<0.83	<0.83	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<0.54	<0.36	<0.36	<0.36	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<0.54	<0.46	<0.46	<0.46	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<0.72	<0.83	<0.83	<0.83	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.26	<0.87	<0.87	<0.87	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	NA	<0.61	<0.61	<0.61	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	<0.36	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.26	<0.95	<0.95	<0.95	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<0.19	<0.62	<0.62	<0.62	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.38	<0.85	<0.85	<0.85	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.32	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<0.43	<0.41	<0.41	<0.41	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<0.42	<0.82	<0.82	<0.82	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	NA	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	<0.55	<0.56	<0.56	<0.56	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	--	<0.94	<0.94	<0.94	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	--	<0.91	<0.91	<0.91	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<0.56	<0.49	<0.49	<0.49	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.43	<0.41	<0.41	<0.41	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<0.56	--	--	<0.81	<0.81	<0.81	60	6
Chloroethane	(ug/l)	<0.69	<0.97	<0.97	<0.97	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.56	<0.37	<0.37	<0.37	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.69	<0.24	<0.24	<0.24	<0.24	<0.24	3	0.3
cis-1,2-Dichloroethene	(ug/l)	1.4 (j)	<0.83	<0.83	<0.83	<0.83	1.1	70	7
cis-1,3-Dichloropropene	(ug/l)	--	<0.19	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	--	<0.60	<0.60	<0.60	<0.60	<0.60	NL	NL
di-Isopropyl ether	(ug/l)	<0.51	<0.76	<0.76	<0.76	<0.76	<0.76	NL	NL
Dichlorodifluoromethane	(ug/l)	<0.68	<0.99	<0.99	<0.99	<0.99	<0.99	1000	200
Ethylbenzene	(ug/l)	<0.49	<0.54	<0.54	<0.54	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<0.65	--	--	<0.79	<0.79	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<0.35	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<0.46	<0.59	<0.59	<0.59	<0.59	<0.59	NL	NL
Methyl-tertiary-butyl ether	(ug/l)	<0.49	<0.61	<0.61	<0.61	<0.61	<0.61	60	12
Methylene Chloride	(ug/l)	<0.6	<0.43	<0.43	<0.43	<0.43	<0.43	5	0.5
n-Butylbenzene	(ug/l)	<0.34	<0.93	<0.93	<0.93	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	<0.34	<0.81	<0.81	<0.81	<0.81	<0.81	NL	NL
Naphthalene	(ug/l)	<1.4	<0.74	<0.74	<0.74	<0.74	<0.74	40	8
p-Isopropyltoluene	(ug/l)	<0.39	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	<0.46	<0.89	<0.89	<0.89	<0.89	<0.89	NL	NL
Styrene	(ug/l)	--	<0.86	<0.86	<0.86	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.42	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.49	<0.45	<0.45	<0.45	<0.45	<0.45	5	0.5
Toluene	(ug/l)	<0.63	<0.67	<0.67	<0.67	<0.67	<0.67	1,000	200
trans-1,2-Dichloroethene	(ug/l)	<0.59	<0.89	<0.89	<0.89	<0.89	<0.89	100	20
trans-1,3-Dichloropropene	(ug/l)	--	<0.19	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Trichloroethene	(ug/l)	43	8.1	11	21	27	33	5	0.5
Vinyl Chloride	(ug/l)	<0.12	<0.18	<0.18	<0.18	<0.18	<0.18	0.2	0.02
Xylenes	(ug/l)	<1	<2.63	<2.63	<2.63	<2.63	<2.63	10,000	1,000
Other Organics									
Ethane	(ug/l)	--	--	--	--	<10	--	--	--
Ethene	(ug/l)	--	--	--	--	<10	--	--	--
Methane	(ug/l)	--	--	--	--	<10	--	--	--
Inorganics									
Chloride	(mg/l)	--	--	--	18	19	--	NL	NL

Notes:

ES = WAC Chapter NR 140 Public Health Groundwater Quality Enforcement Standard
PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By: **Bold**

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 20)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	MW-34								ES	PAL
		6/19/02	9/30/02	12/9/02	3/24/03	6/4/03	5/25/04	6/29/05	9/13/06		
VOCs											
1,1,1,2-Tetrachloroethane	(ug/l)	--	--	<0.95	<0.92	<0.92	<0.92	<0.92	<0.92	70	7
1,1,1-Trichloroethane	(ug/l)	<0.57	<0.65	<0.65	<0.9	<0.9	<0.9	<0.9	<0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	--	--	<0.77	<0.2	<0.2	<0.2	<0.2	<0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	--	--	<0.50	<0.42	<0.42	<0.42	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	--	--	<0.87	<0.75	<0.75	<0.75	<0.75	<0.75	850	85
1,1-Dichloroethene	(ug/l)	--	--	<0.56	<0.57	<0.57	<0.57	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	--	--	<0.79	<0.75	<0.75	<0.75	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	--	--	<0.77	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	--	--	<0.92	<0.99	<0.99	<0.99	<0.99	<0.99	60	12
1,2,4-Trichlorobenzene	(ug/l)	--	--	<0.57	<0.97	<0.97	<0.97	<0.97	<0.97	70	14
1,2,4-Trimethylbenzene	(ug/l)	--	--	14	31	20	6.7	4.4	2.5	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	--	--	<0.88	<0.87	<0.87	<0.87	<0.87	<0.87	0.2	0.02
1,2-Dibromoethane	(ug/l)	--	--	<0.66	<0.56	<0.56	<0.56	<0.56	<0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<0.31	<0.71	<0.71	<0.83	<0.83	<0.83	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<0.54	<0.55	<0.55	<0.36	<0.36	<0.36	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<0.54	<0.39	<0.39	<0.46	<0.46	<0.46	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	6.4	1.3	0.70 (j)	<0.83	<0.83	0.9	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.26	<0.58	<0.58	<0.87	<0.87	<0.87	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	--	<0.62	<0.62	<0.61	<0.61	<0.61	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	<0.36	--	--	--	--	--	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.26	<0.63	<0.63	<0.95	<0.95	<0.95	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<0.19	<0.99	<0.99	<0.62	<0.62	<0.62	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.38	<0.66	<0.66	<0.85	<0.85	<0.85	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.32	<0.89	<0.89	<0.74	<0.74	<0.74	<0.74	<0.74	NL	NL
Benzene	(ug/l)	6.8	14	11	5.6	4.3	1.4	3.2	0.51	5	0.5
Bromobenzene	(ug/l)	<0.42	<0.74	<0.74	<0.82	<0.82	<0.82	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	--	<0.67	<0.67	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	<0.55	<0.23	<0.23	<0.56	<0.56	<0.56	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	--	--	<0.45	<0.94	<0.94	<0.94	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	--	--	<0.87	<0.91	<0.91	<0.91	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<0.56	<0.47	<0.47	<0.49	<0.49	<0.49	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.43	<0.58	<0.58	<0.41	<0.41	<0.41	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<0.56	--	<0.84	--	--	--	--	<0.81	60	6
Chloroethane	(ug/l)	<0.69	<0.84	<0.84	<0.97	<0.97	<0.97	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.56	<0.45	<0.45	<0.37	<0.37	<0.37	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.69	<0.27	<0.27	<0.24	<0.24	<0.24	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l)	<0.53	<0.81	<0.81	<0.83	<0.83	<0.83	<0.83	<0.83	70	7
cis 1,3-Dichloropropene	(ug/l)	--	--	<0.57	<0.19	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	--	--	<0.74	<0.60	<0.60	<0.60	<0.60	<0.60	NL	NL
Dichlorodifluoromethane	(ug/l)	<0.68	<0.57	<0.57	<0.99	<0.99	<0.99	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<0.51	--	<0.60	<0.76	<0.76	<0.76	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	2.4	1.4	0.94 (j)	1.9	1.3	1.3	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<0.65	--	<0.85	--	--	--	--	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<0.35	<0.95	<0.95	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	4.0	5.2	4.0	6.3	2.9	1.2	3.7	2.3	NL	NL
Methylene Chloride	(ug/l)	<0.6	<0.47	<0.47	<0.43	<0.43	<0.43	<0.43	<0.43	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	13	38	30	13	15	6.6	27	14	60	12
Naphthalene	(ug/l)	5.1	2.3	3.1	1.5	0.93	0.93	<0.74	<0.74	40	8
n-Butylbenzene	(ug/l)	4.6	0.92	<0.65	<0.93	<0.93	<0.93	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	7.7	5.9	4.4	9.5	5.9	1.7	3.6	1.6	NL	NL
p-Isopropyltoluene	(ug/l)	0.64 (j)	<0.58	<0.58	<0.67	<0.67	<0.67	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	1.7	1.4	1.0 (j)	<0.89	<0.89	<0.89	1.4	1	NL	NL
Styrene	(ug/l)	--	--	<0.62	<0.86	<0.86	<0.86	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.42	<0.96	<0.96	<0.97	<0.97	<0.97	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.49	<0.63	<0.63	<0.45	<0.45	<0.45	<0.45	<0.45	5	0.5
Toluene	(ug/l)	<0.63	<0.84	<0.84	<0.67	<0.67	<0.67	<0.67	<0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l)	<0.59	<0.80	<0.80	<0.89	<0.89	<0.89	<0.89	<0.89	100	20
trans 1,3-Dichloropropene	(ug/l)	--	--	<0.64	<0.19	<0.19	<0.19	<0.19	<0.19	0.2	0.02
Trichloroethene	(ug/l)	<0.73	<0.39	<0.39	<0.48	<0.48	<0.48	<0.48	<0.48	5	0.5
Vinyl Chloride	(ug/l)	<0.12	<0.11	<0.11	<0.18	<0.18	<0.18	<0.18	<0.18	0.2	0.02
Xylenes	(ug/l)	22.6	10	5.1	7.9	7.3	5.2	4.4	<2.63	10,000	1,000
Other Organics											
Ethane	(ug/l)	--	<10	<10	<10	<1.6	<10	<10	--	NL	NL
Ethene	(ug/l)	--	<10	<10	<10	<1.4	<10	<10	--	NL	NL
Methane	(ug/l)	--	1700	3100	1600	1700	570	2600	--	NL	NL
Inorganics											
Chloride	(mg/l)	--	--	--	--	--	46	32	--	NL	NL

Notes:

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PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By: **Bold**

(j) = Detected at concentration between the limit of detection and the limit of quantification.

-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 21)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	GP-35	ES	PAL
Date	9/13/06		
VOCs			
1,1,1,2-Tetrachloroethane	(ug/l) <0.92	70	7
1,1,1-Trichloroethane	(ug/l) <0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l) <0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l) <0.42	5	0.5
1,1-Dichloroethane	(ug/l) <0.75	850	85
1,1-Dichloroethene	(ug/l) <0.57	7	0.7
1,1-Dichloropropene	(ug/l) <0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l) <0.74	NL	NL
1,2,3-Trichloropropane	(ug/l) <0.99	60	12
1,2,4-Trichlorobenzene	(ug/l) <0.97	70	14
1,2,4-Trimethylbenzene	(ug/l) <0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l) <0.87	0.2	0.02
1,2-Dibromoethane	(ug/l) <0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l) <0.83	600	60
1,2-Dichloroethane	(ug/l) <0.36	5	0.5
1,2-Dichloropropane	(ug/l) <0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l) <0.83	480	96
1,3-Dichlorobenzene	(ug/l) <0.87	1250	125
1,3-Dichloropropane	(ug/l) <0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l) --	NL	NL
1,4-Dichlorobenzene	(ug/l) <0.95	75	15
2,2-Dichloropropane	(ug/l) <0.62	NL	NL
2-Chlorotoluene	(ug/l) <0.85	NL	NL
4-Chlorotoluene	(ug/l) <0.74	NL	NL
Benzene	(ug/l) <0.41	5	0.5
Bromobenzene	(ug/l) <0.82	NL	NL
Bromochloromethane	(ug/l) <0.97	NL	NL
Bromodichloromethane	(ug/l) <0.56	0.6	0.06
Bromoform	(ug/l) <0.94	4.4	0.44
Bromomethane	(ug/l) <0.91	10	1
Carbon Tetrachloride	(ug/l) <0.49	5	0.5
Chlorobenzene	(ug/l) <0.41	NL	NL
Chlorodibromomethane	(ug/l) <0.81	60	6
Chloroethane	(ug/l) <0.97	400	80
Chloroform	(ug/l) <0.37	6	0.6
Chloromethane	(ug/l) <0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l) <0.83	70	7
cis 1,3-Dichloropropene	(ug/l) <0.19	0.2	0.02
Dibromomethane	(ug/l) <0.60	NL	NL
Dichlorodifluoromethane	(ug/l) <0.99	1000	200
di-Isopropyl ether	(ug/l) <0.76	NL	NL
Ethylbenzene	(ug/l) <0.54	700	140
Fluorotrichloromethane	(ug/l) <0.79	3490	698
Hexachlorobutadiene	(ug/l) <0.67	NL	NL
Isopropylbenzene	(ug/l) <0.59	NL	NL
Methylene Chloride	(ug/l) <0.43	5	0.5
Methyl-tertiary-butyl ether	(ug/l) <0.61	60	12
Naphthalene	(ug/l) <0.74	40	8
n-Butylbenzene	(ug/l) <0.93	NL	NL
n-Propylbenzene	(ug/l) <0.81	NL	NL
p-Isopropyltoluene	(ug/l) <0.67	NL	NL
sec-Butylbenzene	(ug/l) <0.89	NL	NL
Styrene	(ug/l) <0.86	100	10
tert-Butylbenzene	(ug/l) <0.97	NL	NL
Tetrachloroethene	(ug/l) <0.45	5	0.5
Toluene	(ug/l) <0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l) <0.89	100	20
trans 1,3-Dichloropropene	(ug/l) <0.19	0.2	0.02
Trichloroethene	(ug/l) <0.48	5	0.5
Vinyl Chloride	(ug/l) <0.18	0.2	0.02
Xylenes	(ug/l) <2.63	10,000	1,000

Notes:

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PAL = WAC Chapter NR 140 Public Health Groundwater Quality Preventive Action Limit

NR 140 ES Exceedance Noted By:

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-- = not analyzed; < = analyte not detected above method detection limit; NL = PAL or ES not specified in WAC NR 140

Table 4 (Page 22)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	GP-36		ES	PAL
		9/13/06	11/20/06		
<i>VOCs</i>					
1,1,1,2-Tetrachloroethane	(ug/l)	<0.92	<0.92	70	7
1,1,1-Trichloroethane	(ug/l)	<0.9	<0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<0.2	<0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	<0.75	<0.75	850	85
1,1-Dichloroethene	(ug/l)	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	<0.99	<0.99	60	12
1,2,4-Trichlorobenzene	(ug/l)	<0.97	<0.97	70	14
1,2,4-Trimethylbenzene	(ug/l)	<0.97	<0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.87	<0.87	0.2	0.02
1,2-Dibromoethane	(ug/l)	<0.56	<0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<0.81	<0.81	60	6
Chloroethane	(ug/l)	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l)	<0.83	<0.83	70	7
cis 1,3-Dichloropropene	(ug/l)	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	<0.60	<0.60	NL	NL
Dichlorodifluoromethane	(ug/l)	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<0.79	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<0.59	<0.59	NL	NL
Methylene Chloride	(ug/l)	<0.43	<0.43	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<0.61	<0.61	60	12
Naphthalene	(ug/l)	<0.74	<0.74	40	8
n-Butylbenzene	(ug/l)	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	<0.81	<0.81	NL	NL
p-Isopropyltoluene	(ug/l)	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	<0.89	<0.89	NL	NL
Styrene	(ug/l)	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.45	<0.45	5	0.5
Toluene	(ug/l)	<0.67	<0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l)	<0.89	<0.89	100	20
trans 1,3-Dichloropropene	(ug/l)	<0.19	<0.19	0.2	0.02
Trichloroethene	(ug/l)	32	22	5	0.5
Vinyl Chloride	(ug/l)	<0.18	<0.18	0.2	0.02
Xylenes	(ug/l)	<2.63	<2.63	10,000	1,000

Notes:

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NR 140 ES Exceedance Noted By:
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Table 4 (Page 23)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No. Date	GP-37 9/13/06	ES	PAL
VOCs			
1,1,1,2-Tetrachloroethane	(ug/l) <0.92	70	7
1,1,1-Trichloroethane	(ug/l) <0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l) <0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l) <0.42	5	0.5
1,1-Dichloroethane	(ug/l) <0.75	850	85
1,1-Dichloroethene	(ug/l) <0.57	7	0.7
1,1-Dichloropropene	(ug/l) <0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l) <0.74	NL	NL
1,2,3-Trichloropropane	(ug/l) <0.99	60	12
1,2,4-Trichlorobenzene	(ug/l) <0.97	70	14
1,2,4-Trimethylbenzene	(ug/l) <0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l) <0.87	0.2	0.02
1,2-Dibromoethane	(ug/l) <0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l) <0.83	600	60
1,2-Dichloroethane	(ug/l) <0.36	5	0.5
1,2-Dichloropropane	(ug/l) <0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l) <0.83	480	96
1,3-Dichlorobenzene	(ug/l) <0.87	1250	125
1,3-Dichloropropane	(ug/l) <0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l) --	NL	NL
1,4-Dichlorobenzene	(ug/l) <0.95	75	15
2,2-Dichloropropane	(ug/l) <0.62	NL	NL
2-Chlorotoluene	(ug/l) <0.85	NL	NL
4-Chlorotoluene	(ug/l) <0.74	NL	NL
Benzene	(ug/l) <0.41	5	0.5
Bromobenzene	(ug/l) <0.82	NL	NL
Bromochloromethane	(ug/l) <0.97	NL	NL
Bromodichloromethane	(ug/l) <0.56	0.6	0.06
Bromoform	(ug/l) <0.94	4.4	0.44
Bromomethane	(ug/l) <0.91	10	1
Carbon Tetrachloride	(ug/l) <0.49	5	0.5
Chlorobenzene	(ug/l) <0.41	NL	NL
Chlorodibromomethane	(ug/l) <0.81	60	6
Chloroethane	(ug/l) <0.97	400	80
Chloroform	(ug/l) <0.37	6	0.6
Chloromethane	(ug/l) <0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l) <0.83	70	7
cis 1,3-Dichloropropene	(ug/l) <0.19	0.2	0.02
Dibromomethane	(ug/l) <0.60	NL	NL
Dichlorodifluoromethane	(ug/l) <0.99	1000	200
di-Isopropyl ether	(ug/l) <0.76	NL	NL
Ethylbenzene	(ug/l) <0.54	700	140
Fluorotrichloromethane	(ug/l) <0.79	3490	698
Hexachlorobutadiene	(ug/l) <0.67	NL	NL
Isopropylbenzene	(ug/l) <0.59	NL	NL
Methylene Chloride	(ug/l) <0.43	5	0.5
Methyl-tertiary-butyl ether	(ug/l) <0.61	60	12
Naphthalene	(ug/l) <0.74	40	8
n-Butylbenzene	(ug/l) <0.93	NL	NL
n-Propylbenzene	(ug/l) <0.81	NL	NL
p-Isopropyltoluene	(ug/l) <0.67	NL	NL
sec-Butylbenzene	(ug/l) <0.89	NL	NL
Styrene	(ug/l) <0.86	100	10
tert-Butylbenzene	(ug/l) <0.97	NL	NL
Tetrachloroethene	(ug/l) <0.45	5	0.5
Toluene	(ug/l) <0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l) <0.89	100	20
trans 1,3-Dichloropropene	(ug/l) <0.19	0.2	0.02
Trichloroethene	(ug/l) <0.48	5	0.5
Vinyl Chloride	(ug/l) <0.18	0.2	0.02
Xylenes	(ug/l) <2.63	10,000	1,000

Notes:

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Table 4 (Page 24)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	Date	GP-38		ES	PAL
		9/13/06	11/20/06		
VOCs					
1,1,1,2-Tetrachloroethane	(ug/l)	<0.92	<0.92	70	7
1,1,1-Trichloroethane	(ug/l)	<0.9	<0.9	200	40
1,1,2,2-Tetrachloroethane	(ug/l)	<0.2	<0.2	0.2	0.02
1,1,2-Trichloroethane	(ug/l)	<0.42	<0.42	5	0.5
1,1-Dichloroethane	(ug/l)	<0.75	<0.75	850	85
1,1-Dichloroethene	(ug/l)	<0.57	<0.57	7	0.7
1,1-Dichloropropene	(ug/l)	<0.75	<0.75	NL	NL
1,2,3-Trichlorobenzene	(ug/l)	<0.74	<0.74	NL	NL
1,2,3-Trichloropropane	(ug/l)	<0.99	<0.99	60	12
1,2,4-Trichlorobenzene	(ug/l)	<0.97	<0.97	70	14
1,2,4-Trimethylbenzene	(ug/l)	<0.97	<0.97	480	96
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.87	<0.87	0.2	0.02
1,2-Dibromoethane	(ug/l)	<0.56	<0.56	0.05	0.005
1,2-Dichlorobenzene	(ug/l)	<0.83	<0.83	600	60
1,2-Dichloroethane	(ug/l)	<0.36	<0.36	5	0.5
1,2-Dichloropropane	(ug/l)	<0.46	<0.46	5	0.5
1,3,5-Trimethylbenzene	(ug/l)	<0.83	<0.83	480	96
1,3-Dichlorobenzene	(ug/l)	<0.87	<0.87	1250	125
1,3-Dichloropropane	(ug/l)	<0.61	<0.61	NL	NL
1,3-DCP, Tetrachloroethene	(ug/l)	--	--	NL	NL
1,4-Dichlorobenzene	(ug/l)	<0.95	<0.95	75	15
2,2-Dichloropropane	(ug/l)	<0.62	<0.62	NL	NL
2-Chlorotoluene	(ug/l)	<0.85	<0.85	NL	NL
4-Chlorotoluene	(ug/l)	<0.74	<0.74	NL	NL
Benzene	(ug/l)	<0.41	<0.41	5	0.5
Bromobenzene	(ug/l)	<0.82	<0.82	NL	NL
Bromochloromethane	(ug/l)	<0.97	<0.97	NL	NL
Bromodichloromethane	(ug/l)	<0.56	<0.56	0.6	0.06
Bromoform	(ug/l)	<0.94	<0.94	4.4	0.44
Bromomethane	(ug/l)	<0.91	<0.91	10	1
Carbon Tetrachloride	(ug/l)	<0.49	<0.49	5	0.5
Chlorobenzene	(ug/l)	<0.41	<0.41	NL	NL
Chlorodibromomethane	(ug/l)	<0.81	<0.81	60	6
Chloroethane	(ug/l)	<0.97	<0.97	400	80
Chloroform	(ug/l)	<0.37	<0.37	6	0.6
Chloromethane	(ug/l)	<0.24	<0.24	3	0.3
cis 1,2-Dichloroethene	(ug/l)	1.7	1.0	70	7
cis 1,3-Dichloropropene	(ug/l)	<0.19	<0.19	0.2	0.02
Dibromomethane	(ug/l)	<0.60	<0.60	NL	NL
Dichlorodifluoromethane	(ug/l)	<0.99	<0.99	1000	200
di-Isopropyl ether	(ug/l)	<0.76	<0.76	NL	NL
Ethylbenzene	(ug/l)	<0.54	<0.54	700	140
Fluorotrichloromethane	(ug/l)	<0.79	<0.79	3490	698
Hexachlorobutadiene	(ug/l)	<0.67	<0.67	NL	NL
Isopropylbenzene	(ug/l)	<0.59	<0.59	NL	NL
Methylene Chloride	(ug/l)	<0.43	<0.43	5	0.5
Methyl-tertiary-butyl ether	(ug/l)	<0.61	<0.61	60	12
Naphthalene	(ug/l)	<0.74	<0.74	40	8
n-Butylbenzene	(ug/l)	<0.93	<0.93	NL	NL
n-Propylbenzene	(ug/l)	<0.81	<0.81	NL	NL
p-Isopropyltoluene	(ug/l)	<0.67	<0.67	NL	NL
sec-Butylbenzene	(ug/l)	<0.89	<0.89	NL	NL
Styrene	(ug/l)	<0.86	<0.86	100	10
tert-Butylbenzene	(ug/l)	<0.97	<0.97	NL	NL
Tetrachloroethene	(ug/l)	<0.45	<0.45	5	0.5
Toluene	(ug/l)	<0.67	<0.67	1,000	200
trans 1,2-Dichloroethene	(ug/l)	<0.89	<0.89	100	20
trans 1,3-Dichloropropene	(ug/l)	<0.19	<0.19	0.2	0.02
Trichloroethene	(ug/l)	0.51	<0.48	5	0.5
Vinyl Chloride	(ug/l)	1.8	0.74	0.2	0.02
Xylenes	(ug/l)	<2.63	<2.63	10,000	1,000

Notes:

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Table 4 (Page 25)
Groundwater Analytical Results
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Sample No.	GP-39	ES	PAL
Date	2/15/07		
FOCs			
1,1,1,2-Tetrachloroethane	(ug/l)	<0.92	70
1,1,1-Trichloroethane	(ug/l)	<0.9	200
1,1,2,2-Tetrachloroethane	(ug/l)	<0.2	0.2
1,1,2-Trichloroethane	(ug/l)	<0.42	5
1,1-Dichloroethane	(ug/l)	<0.75	850
1,1-Dichloroethene	(ug/l)	<0.57	7
1,1-Dichloropropene	(ug/l)	<0.75	NL
1,2,3-Trichlorobenzene	(ug/l)	<0.74	NL
1,2,3-Trichloropropane	(ug/l)	<0.99	60
1,2,4-Trichlorobenzene	(ug/l)	<0.97	70
1,2,4-Trimethylbenzene	(ug/l)	<0.97	480
1,2-Dibromo-3-Chloropropane	(ug/l)	<0.87	0.2
1,2-Dibromoethane	(ug/l)	<0.56	0.05
1,2-Dichlorobenzene	(ug/l)	<0.83	600
1,2-Dichloroethane	(ug/l)	<0.36	5
1,2-Dichloropropane	(ug/l)	<0.46	5
1,3,5-Trimethylbenzene	(ug/l)	<0.83	480
1,3-Dichlorobenzene	(ug/l)	<0.87	1250
1,3-Dichloropropane	(ug/l)	<0.61	NL
1,3-DCP, Tetrachloroethene	(ug/l)	<0.95	NL
1,4-Dichlorobenzene	(ug/l)	<0.95	75
2,2-Dichloropropane	(ug/l)	<0.62	NL
2-Chlorotoluene	(ug/l)	<0.85	NL
4-Chlorotoluene	(ug/l)	<0.74	NL
Benzene	(ug/l)	<0.41	5
Bromobenzene	(ug/l)	<0.82	NL
Bromochloromethane	(ug/l)	<0.97	NL
Bromodichloromethane	(ug/l)	<0.56	0.6
Bromoform	(ug/l)	<0.94	4.4
Bromomethane	(ug/l)	<0.91	10
Carbon Tetrachloride	(ug/l)	<0.49	5
Chlorobenzene	(ug/l)	<0.41	NL
Chlorodibromomethane	(ug/l)	<0.81	60
Chloroethane	(ug/l)	<0.97	400
Chloroform	(ug/l)	<0.37	6
Chloromethane	(ug/l)	<0.24	3
cis 1,2-Dichloroethene	(ug/l)	<0.83	70
cis 1,3-Dichloropropene	(ug/l)	<0.19	0.2
Dibromomethane	(ug/l)	<0.60	NL
Dichlorodifluoromethane	(ug/l)	<0.99	1000
di-Isopropyl ether	(ug/l)	<0.76	NL
Ethylbenzene	(ug/l)	<0.54	700
Fluorotrichloromethane	(ug/l)	<0.79	3490
Hexachlorobutadiene	(ug/l)	<0.67	NL
Isopropylbenzene	(ug/l)	<0.59	NL
Methylene Chloride	(ug/l)	<0.43	5
Methyl-tertiary-butyl ether	(ug/l)	<0.61	60
Naphthalene	(ug/l)	<0.74	40
n-Butylbenzene	(ug/l)	<0.93	NL
n-Propylbenzene	(ug/l)	<0.81	NL
p-Isopropyltoluene	(ug/l)	<0.67	NL
sec-Butylbenzene	(ug/l)	<0.89	NL
Styrene	(ug/l)	<0.86	100
tert-Butylbenzene	(ug/l)	<0.97	NL
Tetrachloroethene	(ug/l)	<0.45	5
Toluene	(ug/l)	<0.67	1,000
trans 1,2-Dichloroethene	(ug/l)	<0.89	100
trans 1,3-Dichloropropene	(ug/l)	<0.19	0.2
Trichloroethene	(ug/l)	<0.48	5
Vinyl Chloride	(ug/l)	<0.18	0.2
Xylenes	(ug/l)	<2.63	10,000

Notes:

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Table 3
Groundwater Field Data
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Monitoring Well	Date Sampled	TPVC Elev. * (feet)	Water Level TPVC (feet)	Water Elevation* (feet)	D.O. (mg/L) (Pre-Purge)	Ferrous Iron (mg/L)	pH	Conductivity (umhos/cm)	Temperature (Fahrenheit)	Color	Turbidity	Odor
MW-10	3/12/2001	640.66	3.05	637.61	2.0	<0.1	6.85	960	50	Clear	Clear	None
	5/10/2001	640.66	2.86	637.80	-	-	-	-	-	-	-	-
	5/22/2001	640.66	2.90	637.76	4.0	-	-	-	-	Clear	Slight	None
	6/6/2001	640.66	2.55	638.11	-	-	-	-	-	-	-	-
	10/17/2001	640.66	3.34	637.32	4.0	0.1	-	-	-	Clear	Clear	None
	3/28/2002	640.66	3.29	637.37	-	-	-	-	-	Clear	None	None
	6/19/2002	640.66	3.13	637.53	4.0	-	7.03	833	56	Clear	None	None
	9/30/2002	640.66	4.71	635.95	4.0	0.1	-	-	-	Clear	Clear	None
	12/9/2002	640.66	5.27	635.39	3.0	0.1	-	-	-	Clear	Clear	None
	3/24/2003	640.66	4.20	636.46	3.0	<0.1	-	-	-	Clear	Clear	None
	6/4/2003	640.66	3.72	636.94	4.0	0.1	-	-	-	Clear	Clear	None
	12/10/2003	640.66	3.16	637.50	-	-	-	-	-	Clear	None	None
	5/25/2004	640.66	2.20	638.46	-	-	7.11	794	52	Clear	Clear	None
	11/22/2004	640.66	3.27	637.39	-	-	7.09	784	56	Clear	Clear	None
	6/29/2005	640.66	4.88	635.78	-	-	7.18	720	61	Clear	Clear	None
12/22/2005	640.66	5.03	635.63	3.0	<0.1	7.23	719	52	Clear	Clear	None	
2/21/2006	640.66	4.75	635.91	-	-	-	-	-	-	-	-	
9/13/2006	640.66	2.63	638.03	2.0	<0.1	7.05	752	65	Clear	Clear	None	
MW-11	3/12/2001	639.21	3.95	635.26	2.0	<0.1	6.53	1160	49	Clear	Clear	None
	5/10/2001	639.21	3.77	635.44	-	-	-	-	-	-	-	-
	5/22/2001	639.21	4.65	634.56	1.0	-	-	-	-	Clear	Clear	None
	6/6/2001	639.21	3.63	635.58	-	-	-	-	-	-	-	-
	10/17/2001	639.21	4.05	635.16	1.0	0.1	-	-	-	Clear	Clear	None
	3/28/2002	639.21	5.70	633.51	-	-	-	-	-	Clear	None	None
	6/19/2002	639.21	4.04	635.17	1.0	-	6.82	1554	58	Clear	None	None
	9/30/2002	639.21	5.66	633.55	1.0	0.0	-	-	-	Clear	Clear	None
	12/9/2002	639.21	5.05	634.16	1.0	<0.1	-	-	-	Clear	Clear	None
	3/24/2003	639.21	4.32	634.89	1.0	<0.1	-	-	-	Clear	Clear	None
	6/4/2003	639.21	4.15	635.06	3.0	<0.1	-	-	-	Clear	Clear	None
	12/10/2003	639.21	4.24	634.97	-	-	-	-	-	Clear	Clear	None
	5/25/2004	639.21	3.44	635.77	-	-	6.94	1543	57	Clear	Clear	None
	6/29/2005	639.21	4.74	634.47	-	-	6.89	1381	59	Clear	Clear	None
	12/22/2005	639.21	4.88	634.33	1.0	<0.1	6.97	1173	51	Clear	Clear	None
2/21/2006	639.21	4.47	634.74	-	-	-	-	-	-	-	-	
9/13/2006	639.21	3.99	635.22	2.0	<0.1	6.95	1323	63	Clear	Clear	None	

* Elevation referenced to mean sea level during survey on 5/10/01; ** Approximate depth to water from ground surface in GeoProbe Temporary Well; TPVC = top of PVC casing

***Parameters taken from purge water.

Table 3
Groundwater Field Data
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Monitoring Well	Date Sampled	TPVC Elev. * (feet)	Water Level TPVC (feet)	Water Elevation* (feet)	D.O. (mg/L) (Pre-Purge)	Ferrous Iron (mg/L)	pH	Conductivity (umhos/cm)	Temperature (Fahrenheit)	Color	Turbidity	Odor	
MW-12	3/12/2001	638.33	5.95	632.38	3.0	<0.1	6.56	1450	48	Clear	Clear	None	
	5/10/2001	638.33	5.02	633.31	-	-	-	-	-	-	-	-	
	5/22/2001	638.33	4.80	633.53	1.0	-	-	-	-	Clear	Clear	None	
	6/6/2001	638.33	4.42	633.91	-	-	-	-	-	-	-	-	
	10/17/2001	638.33	5.76	632.57	1.0	0.0	-	-	-	Clear	Clear	None	
	3/28/2002	638.33	5.22	633.11	-	-	-	-	-	Clear	None	None	
	6/19/2002	638.33	5.23	633.10	2.5	-	6.88	1187	58	Clear	None	None	
	9/30/2002	638.33	6.63	631.70	<1.0	0.0	-	-	-	Clear	Clear	None	
	12/9/2002	638.33	6.93	631.40	1.0	<0.1	-	-	-	Clear	Clear	None	
	3/24/2003	638.33	5.95	632.38	1.0	0.1	-	-	-	Clear	Clear	None	
	6/4/2003	638.33	5.97	632.36	3.0	<0.1	-	-	-	Clear	Clear	None	
	12/10/2003	638.33	5.43	632.90	-	-	-	-	-	Clear	Clear	None	
	5/25/2004	638.33	4.28	634.05	-	-	7.19	1086	51	Clear	Clear	None	
	11/22/2004	638.33	5.62	632.71	-	-	7.21	904	58	Clear	Clear	None	
	6/29/2005	638.33	6.55	631.78	-	-	7.21	995	57	Clear	Clear	None	
	12/22/2005	638.33	6.62	631.71	1.0	<0.1	7.32	917	50	Clear	Clear	None	
2/21/2006	638.33	6.03	632.30	-	-	-	-	-	-	-	-		
9/13/2006	638.33	5.53	632.80	2.0	<0.1	7.18	1083	63	Clear	Clear	None		
GP-17	3/12/2001	-	7.10	**	-	3.0	<0.1	6.90	1830	61	Clear	Clear	None
	5/10/2001	-	6.62	**	-	-	-	-	-	-	-	-	
	5/22/2001	-	6.50	**	-	-	-	-	-	-	-	-	
	10/17/2001	-	-	-	-	-	-	-	-	Clear	None	None	
	3/28/2002	-	-	-	-	-	-	-	-	Clear	Slight	None	
	6/19/2002	-	5.94	**	-	-	7.10	1030	64	Clear	None	None	
	9/30/2002	-	6.18	**	-	3.0	0.2	-	-	Clear	Clear	Slight	
	12/9/2002	-	7.08	**	-	-	0.1	-	-	Clear	Clear	None	
	3/24/2003	-	7.29	**	-	3.0	0.1	-	-	Clear	Clear	None	
	6/4/2003	-	6.11	**	-	1.0	0.2	-	-	Clear	Clear	None	
	12/10/2003	-	6.05	**	-	-	-	-	-	Clear	None	None	
	5/25/2004	-	5.88	**	-	-	-	7.20	1263	62	Lt Brown	Slight	Slight
	6/29/2005	-	-	-	-	Damaged	-	-	-	-	-	-	
12/22/2005	-	-	-	-	Abandoned	-	-	-	-	-	-		
MW-17R	2/21/2006	630.34	6.18	624.16	-	-	-	-	-	Clear	Clear	None	
	9/13/2006	630.34	6.03	624.31	2.0	<0.1	7.18	1146	68	Clear	Clear	None	

* Elevation referenced to mean sea level during survey on 5/10/01; ** Approximate depth to water from ground surface in GeoProbe Temporary Well; TPVC = top of PVC casing

Parameters taken from purge water. * New TPVC elevations established due to raising of floor in January 2006.

Table 3
Groundwater Field Data
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Monitoring Well	Date Sampled	TPVC Elev. * (feet)	Water Level TPVC (feet)	Water Elevation* (feet)	D.O. (mg/L) (Pre-Purge)	Ferrous Iron (mg/L)	pH	Conductivity (umhos/cm)	Temperature (Fahrenheit)	Color	Turbidity	Odor	
GP-18	3/12/2001	-	8.61	**	-	2.0	<0.1	6.57	1922	64	Clear	Clear	None
	5/10/2001	-	8.55	**	-	-	-	-	-	-	-	-	-
	5/22/2001	-	8.45	**	-	-	-	-	-	-	-	-	-
	10/17/2001	-	-	-	-	5.0	0.6	-	-	-	Clear	None	None
	6/19/2002	-	8.32	**	-	-	-	7.32	1413	63	Clear	None	None
	9/30/2002	-	8.42	**	-	3.0	2.0	-	-	-	Clear	Clear	Slight
	12/9/2002	-	8.64	**	-	-	1.0	-	-	-	Clear	Slight	None
	3/24/2003	-	8.87	**	-	1.0	0.4	-	-	-	Clear	Clear	Slight
	6/4/2003	-	8.62	**	-	1.0	-	-	-	-	Clear	Clear	None
	12/10/2003	-	8.58	**	-	-	-	-	-	-	Brown	Turbid	None
	5/25/2004	-	8.36	**	-	Not enough water to sample				-	-	-	-
	11/22/2004	-	8.49	**	-	-	-	6.91	1366	62	Clear	Clear	Slight
	6/29/2005	-	8.53	***	-	-	-	6.77	1366	66	Clear	Clear	None
	12/22/2005	-	8.60	**	-	3.0	<0.1	6.92	1307	61	Lt. Brown	Slight	Slight
MW-20	5/22/2001	637.23	Dry	-	-	-	-	-	-	-	-	-	-
	6/6/2001	637.23	11.86	625.37	-	-	-	-	-	-	-	-	-
	10/17/2001	637.23	6.72	630.51	2.0	0.4	-	-	-	-	Clear	Clear	None
	3/28/2002	637.23	6.83	630.40	-	-	-	-	-	-	Clear	None	None
	6/19/2002	637.23	6.77	630.46	1.5	-	7.31	1135	58	Clear	None	None	
	9/30/2002	637.23	6.68	630.55	1.3	0.01	-	-	-	-	Clear	Clear	None
	12/9/2002	637.23	6.89	630.34	1.0	<0.1	-	-	-	-	Clear	Clear	None
	3/24/2003	637.23	7.10	630.13	1.0	<0.1	-	-	-	-	Clear	Clear	None
	6/4/2003	637.23	6.86	630.37	2.0	<0.1	-	-	-	-	Clear	Clear	None
	12/10/2003	637.23	6.89	630.34	-	-	-	-	-	-	-	-	-
	5/25/2004	637.23	6.72	630.51	-	-	7.51	1170	58	Clear	Clear	None	
	11/22/2004	637.23	8.43	628.80	-	-	-	-	-	-	-	-	-
	6/29/2005	637.23	6.81	630.42	-	-	7.41	1110	60	Clear	Clear	None	
	12/22/2005	637.23	6.79	630.44	-	-	-	-	-	-	-	-	-
2/21/2006****	640.35	9.91	630.44	-	-	-	-	-	-	-	-	-	
9/13/2006	640.35	9.81	630.54	-	-	-	-	-	-	-	-	-	
PZ-21	5/22/2001	637.20	(Not stable)	-	-	-	-	-	-	-	Clear	None	None
	6/6/2001	637.20	15.40	621.80	-	-	-	-	-	-	-	-	-
	10/17/2001	637.20	8.50	628.70	-	-	-	-	-	-	Clear	Clear	None
	3/28/2002	637.20	9.23	627.97	-	-	-	-	-	-	Clear	None	None
	6/19/2002	637.20	9.52	627.68	2.0	-	7.73	357	59	Clear	None	None	
	9/30/2002	637.20	8.70	628.50	1.0	<0.1	-	-	-	-	Clear	Clear	None
	12/9/2002	637.20	8.66	628.54	<1.0	<0.1	-	-	-	-	Clear	Clear	None
	3/24/2003	637.20	9.68	627.52	1.0	<0.1	-	-	-	-	Clear	Clear	None
	6/4/2003	637.20	9.65	627.55	6.0	<0.1	-	-	-	-	Clear	Clear	None
	12/10/2003	637.20	8.58	628.62	-	-	-	-	-	-	-	-	-
	5/25/2004	637.20	9.02	628.18	-	-	8.03	325	59	Clear	Clear	None	
	11/22/2004	637.20	9.37	627.83	-	-	-	-	-	-	-	-	-
	6/29/2005	637.20	9.46	627.74	-	-	7.90	293	60	Clear	Clear	None	
	12/22/2005	637.20	8.46	628.74	-	-	-	-	-	-	-	-	-
2/21/2006****	640.32	11.97	628.35	-	-	-	-	-	-	-	-	-	
9/13/2006	640.32	11.65	628.67	-	-	-	-	-	-	-	-	-	

* Elevation referenced to mean sea level during survey on 5/10/01; ** Approximate depth to water from ground surface in GeoProbe Temporary Well; TPVC = top of PVC casing
 Parameters taken from purge water. * Due to construction, TPVC extended 12/05. Reshot elevation 2/21/06

Table 3
Groundwater Field Data
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Monitoring Well	Date Sampled	TPVC Elev. * (feet)	Water Level TPVC (feet)	Water Elevation* (feet)	D.O. (mg/L) (Pre-Purge)	Ferrous Iron (mg/L)	pH	Conductivity (umhos/cm)	Temperature (Fahrenheit)	Color	Turbidity	Odor	
GP-24	10/17/2001	-	-	-	-	-	-	-	-	Brown	None	Slight	
	3/28/2002	-	-	-	-	-	-	-	-	Brown	Slight	None	
	12/9/2002	-	4.46	**	-	-	-	-	-	Brown	Very	None	
	3/24/2003	-	3.90	**	-	4.00	0.20	-	-	Lt Rd Brown	Slight	None	
	6/4/2003	-	2.64	**	-	3.00	0.20	-	-	Clear	Slight	None	
	12/10/2003	-	2.63	**	-	-	-	-	-	Brown	Turbid	None	
	5/25/2004	-	1.49	**	-	-	-	7.13	922	V Lt Brown	Slight	None	
	11/22/2004	-	2.76	**	-	-	-	7.10	1042	Lt Brown	Turbid	None	
	6/29/2005	-	3.78	***	-	-	-	7.04	856	Lt Brown	Turbid	None	
	12/22/2005	-	3.60	**	-	4.00	0.20	7.16	831	Lt Brown	Slight	None	
GP-25	10/17/2001	-	-	-	-	-	-	-	-	Clear	None	None	
	3/28/2002	-	-	-	-	-	-	-	-	Clear	Slight	None	
	6/19/2002	-	7.78	**	-	-	-	-	-	Clear	None	None	
	9/30/2002	-	7.46	**	-	3.0	0.1	-	-	Clear	Clear	None	
	12/9/2002	-	8.14	**	-	-	0.1	-	-	Clear	Clear	None	
	3/24/2003	-	8.95	**	-	3.0	<0.1	-	-	Clear	Clear	None	
	6/4/2003	-	7.82	**	-	8.0	<0.1	-	-	Clear	Clear	None	
	12/10/2003	-	7.62	**	-	-	-	-	-	-	-	-	
	5/25/2004	-	-	-	No sample - bailer stuck			-	-	-	-	-	-
	12/22/2005	-	-	-	Abandoned			-	-	-	-	-	
GP-29	10/17/2001	-	-	-	-	-	-	-	-	Clear	None	None	
	3/28/2002	-	-	-	-	-	-	-	-	Brown	Slight	None	
	6/19/2002	-	2.70	**	-	-	-	6.95	837	Lt Brown	None	None	
GP-30	10/17/2001	-	1.35	**	-	4.0	0.1	-	-	Clear	Clear	None	
	2/21/2006	-	2.83	**	-	-	-	-	-	-	-	-	
	9/13/2006	-	0.50	**	-	6.0	0.1	7.45	340	Clear	Clear	None	
GP-31	10/17/2001	-	-	-	2.0	<0.1	-	-	-	Clear	None	None	
	3/28/2002	-	-	-	-	-	-	-	-	Brown	Slight	None	
	6/19/2002	-	4.12	**	-	-	7.02	1384	63	Clear	None	None	
	9/30/2002	-	5.15	**	-	2.0	<0.1	-	-	Clear	Clear	None	
	12/9/2002	-	5.64	**	-	-	<0.1	-	-	Clear	Clear	None	
	3/24/2003	-	6.61	**	-	3.0	0.10	-	-	Clear	Clear	None	
	6/4/2003	-	4.76	**	-	6.0	<0.1	-	-	Clear	Clear	None	
	12/10/2003	-	4.88	**	-	-	-	-	-	Clear	None	None	
	5/25/2004	-	3.99	-	Not enough water to collect sample			-	-	-	-	-	
	11/22/2004	-	4.97	**	-	-	-	7.09	1288	62	Clear	Clear	None
	6/29/2005	-	5.14	***	-	-	-	7.04	1251	67	Clear	Clear	None
	12/22/2005	-	5.70	**	-	3.0	<0.1	7.11	1111	63	Clear	Clear	None

* Elevation referenced to mean sea level during survey on 5/10/01; ** Approximate depth to water from ground surface in GeoProbe Temporary Well; TPVC = top of PVC casing
 ***Parameters taken from purge water.

Table 3
Groundwater Field Data
Former Jagemann Stamping Company
Manitowoc, Wisconsin

Monitoring Well	Date Sampled	TPVC Elev. * (feet)	Water Level TPVC (feet)	Water Elevation* (feet)	D.O. (mg/L) (Pre-Purge)	Ferrous Iron (mg/L)	pH	Conductivity (umhos/cm)	Temperature (Fahrenheit)	Color	Turbidity	Odor	
GP-32	10/17/2001	-	-	-	4.0	0.3	-	-	-	Clear	None	None	
	3/28/2002	-	-	-	-	-	-	-	-	Clear	Slight	None	
	6/19/2002	-	5.01	**	-	-	7.25	953	63	Clear	None	None	
	9/30/2002	-	4.95	**	-	4.0	0.1	-	-	Clear	Clear	None	
	12/9/2002	-	5.24	**	-	-	<0.1	-	-	Clear	Slight	None	
	3/24/2003	,-	5.59	**	-	3.0	0.10	-	-	Clear	Clear	None	
	6/4/2003	,-	5.20	**	-	1.0	0.10	-	-	Clear	Clear	None	
	12/10/2003	-	5.15	**	-	-	-	-	-	Brown	Turbid	None	
	5/25/2004	-	5.01	**	-	-	-	7.27	954	64	Lt Brown	Slight	None
	11/22/2004	-	5.22	**	-	-	-	7.64	902	62	Clear	Clear	None
	6/29/2005	-	5.10	***	-	-	-	6.95	932	69	Clear	Slight	None
	12/22/2005	-	5.24	**	-	3.0	<0.1	7.32	808	66	Clear	Clear	None
	MW-33	5/7/2002	640.64	-	-	-	-	-	-	-	-	-	-
6/19/2002		640.64	2.33	638.31	4.0	-	6.99	1110	62	Clear	None	None	
9/30/2002		640.64	Dry	-	Dry	-	-	-	-	-	-	-	
12/9/2002		640.64	Dry	-	Dry	-	-	-	-	-	-	-	
3/24/2003		640.64	3.46	637.18	10.0	<0.1	-	-	-	Clear	Clear	None	
6/4/2003		640.64	2.92	637.72	-	-	-	-	-	Lt Brown	Clear	None	
12/10/2003		640.64	1.65	638.99	-	-	-	-	-	-	-	-	
5/25/2004		640.64	1.25	639.39	-	-	7.07	1047	57	Lt Brown	Slight	None	
11/22/2004		640.64	2.90	637.74	-	-	-	-	-	-	-	-	
6/29/2005		640.64	4.04	***	636.60	-	-	7.03	979	68	Lt Brown	Turbid	None
12/22/2005		640.64	1.90	638.74	-	-	-	-	-	-	-	-	
2/21/2006		640.64	3.26	637.38	-	-	-	-	-	-	-	-	
9/13/2006		640.64	2.33	638.31	4.0	0.1	7.07	1037	71	Clear	Clear	None	
MW-34	5/7/2002	636.11	-	-	-	-	-	-	-	-	-	-	
	6/19/2002	636.11	7.14	628.97	4.0	-	7.20	943	56	Lt Brown	Slight	None	
	9/30/2002	636.11	7.23	628.88	2.0	4.0	-	-	-	Clear	Slight	Some	
	12/9/2002	636.11	7.24	628.87	2.0	2.0	-	-	-	Clear	Clear	Slight	
	3/24/2003	636.11	7.17	628.94	3.0	2.0	-	-	-	Lt Brown	Slight	Slight	
	6/4/2003	636.11	7.30	628.81	3.0	1.0	-	-	-	Clear	Slight	Slight	
	12/10/2003	636.11	7.08	629.03	-	-	-	-	-	-	-	-	
	5/25/2004	636.11	7.07	629.04	-	-	7.40	791	55	Lt Brown	Slight	Slight	
	11/22/2004	636.11	7.19	628.92	-	-	-	-	-	-	-	-	
	6/29/2005	636.11	7.23	628.88	-	-	7.13	819	60	Clear	Clear	Some	
	12/22/2005	636.11	7.23	628.88	-	-	-	-	-	-	-	-	
	2/21/2006	636.11	7.21	628.90	-	-	-	-	-	-	-	-	
	9/13/2005	636.11	7.11	629.00	3.0	1.0	7.23	658	65	Clear	Clear	Slight	
GP-35	9/13/2006	639.80	0.10	639.70	3.5	0.4	7.06	366	64	Clear	Clear	None	
GP-36	9/13/2006	641.16	0.95	640.21	2.0	1.0	7.18	722	67	Brown	Moderate	None	
GP-37	9/13/2006	640.82	4.50	636.32	-	-	7.04	1078	65	Brown	Moderate	None	
GP-38	9/13/2006	638.83	2.85	635.98	3.0	1.0	6.85	851	71	Clear	Clear	None	
GP-39	2/21/2007	643.10	6.00	637.10	-	-	-	-	-	-	Turbid	None	

* Elevation referenced to mean sea level during survey on 5/10/01'; ** Approximate depth to water from ground surface in GeoProbe Temporary Well; TPVC = top of PVC casing
 ***Parameters taken from purge water.

RIGHT-OF-WAY

May 17, 2007

Mr. Geoff Nokes
Canadian National
17641 South Ashland Avenue
Homewood Illinois 60430-1345

Re: Notification of Residual Chlorinated Volatile Organic Compounds on Railroad Right-of-Way
Adjoining Former Jagemann Stamping Site, 2814 Wollmer Street, Manitowoc, Wisconsin --
WDNR BRRTS No. 02-36-262824 -- STS Project No. 200604972

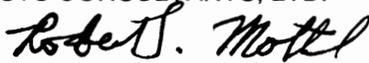
Dear Mr. Nokes:

On behalf of the Jagemann Stamping Company (Jagemann), STS Consultants, Ltd. (STS) has prepared this notification for the Jagemann site, 2814 Wollmer Street, Manitowoc, Wisconsin. This notification is being submitted in accordance with the requirements of Wisconsin Administrative Code, Chapter NR 726 for the Wisconsin Department of Natural Resources (WDNR) to review a case closure request for the project.

By this letter, Jagemann and STS are notifying Canadian National (CN): that chlorinated volatile organic compounds are present in groundwater at Monitoring Location GP-36, on the railroad right-of-way adjacent to 2814 Wollmer Street. We have attached a copy of Figure 6 and applicable pages of the analytical data tables from our closure request to the WDNR. As you are aware, CN has assisted us with site access to install the monitoring points listed. If you have any questions or comments, please contact Mr. Bob Mottl of STS at (920) 406-3147. A copy of this letter will be provided to the WDNR.

Sincerely,

STS CONSULTANTS, LTD.



Robert J. Mottl, P.G.
Senior Project Geologist



James W. Kauer, P.G., P.H.
Associate Geologist

RJM/tjs

Attachments:

Figure 6 - Estimated Extent of Chlorinated Groundwater Impacts
Data Tables for Locations GP-30, GP-35, GP-36, and GP-39

Canadian National
STS Project No. 200604972
May 17, 2007

RIGHT-OF-WAY

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Green Bay, Wisconsin 54307-0448

Canadian National Real Estate Department
17641 South Ashland Avenue
Homewood, Illinois 60430-1345

Mr. Rick Verkler
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