# GIS REGISTRY
**Cover Sheet**

May, 2009
(RR 5367)

## Source Property Information

CLOSURE DATE: Oct 29, 2009

**BRRTS #:** **02-05-000627**

FID #: 405105910

ACTIVITY NAME: Wisconsin/Michigan Auto Salvage

DATCP #:

PROPERTY ADDRESS: 1749 S Broadway

COMM #:

MUNICIPALITY: Green Bay

PARCEL ID #: 1-1415

***WTM COORDINATES:**

X: **676200** Y: **448730**

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

**WTM COORDINATES REPRESENT:**

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

**Please check as appropriate:** (BRRTS Action Code)

### Contaminated Media:

- [X] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  (***note:*** *for list of off-source properties see "Impacted Off-Source Property")*
- [X] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

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

### Land Use Controls:

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

  (***note:*** *soil contamination concentrations between non-industrial and industrial levels)*
- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [X] Cover or Barrier *(222)*

  (***note:*** *maintenance plan for groundwater or direct contact)*
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

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

### Monitoring Wells:

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

(•) Yes ( ) No ( ) N/A

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

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

# GIS Registry Checklist

Form 4400-245 (R 4/08) 

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

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

BRRTS #: 02-05-000627 PARCEL ID #: 1-1415

ACTIVITY NAME: Wisconsin Michigan Auto Salvage WTM COORDINATES: X: 676200 Y: 448730

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

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

## SOURCE LEGAL DOCUMENTS

- [X] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  ***Note:*** *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [ ] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

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

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

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

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

  **Figure #: 1** **Title: Site Location Diagram**
- [X] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  **Figure #: 2B** **Title: Soil Boring & Monitoring Well Location Diagram**
- [X] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  **Figure #: 2A** **Title: Area of Impacted Soil Remediation & Approximate Extent of Soil Impacts**

BRRTS #: 02-05-000627 ACTIVITY NAME: Wisconsin Michigan Auto Salvage

## 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 #:** **Title:**

**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 #: 4A** **Title: Approximate Extent of NR140 Exceedances In Groundwater**

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

**Figure #: 3C** **Title: Groundwater Contour Map (12/30/08)**

**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: Summary of 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 #: 3** **Title: Wisconsin Michigan Auto Salvage Groundwater Quality Data**

☒ **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 #: 1** **Title: Summary of Groundwater Elevations**

## 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 #: 02-05-000627 ACTIVITY NAME: Wisconsin Michigan Auto Salvage

## 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:**

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.
Green Bay, Wisconsin 54313-6727
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

October 29, 2009

Mr. Michael Moore
Georgia-Pacific
1919 South Broadway
P.O. Box 19130
Green Bay, Wisconsin 54307

Subject: Final Case Closure with Continuing Obligations, Former Wisconsin Michigan Auto Salvage, 1749 South Broadway, Green Bay, Wisconsin WDNR BRRTS Activity Number 02-05-000627

Dear Mr. Moore:

On March 2, 2009, the Department's 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 March 11, 2009, you were notified that the Closure Committee had granted conditional closure to this case.

On October 22, 2009 the Department received documentation indicating that you have complied with the requirements for final closure. Documentation provided on that date were the maintenance plan, property deed, site map, aerial photograph, and four revised site figures.

Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time, however, you and future property owners must comply with certain continuing obligations as explained in this letter.

GIS Registry

This site will 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
- Pavement, an engineered cover or a soil 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

This letter, some of the documentation identified above, and information that was submitted with your

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; 6) construction or placement of a building or other structure.

Residual Groundwater Contamination

Groundwater impacted by trichloroethylene, vinyl chloride, cis-1,2-dichloroethylene, and trans-1,2-dichloroethylene contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on this contaminated property. 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.

Dewatering Permits

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

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

Post-Closure Notification Requirements

In accordance with ss, 292.12 and 292.13, Wis. Stats., you must notify the Department before making changes that affect or relate to the conditions of closure in this letter. For this case, examples of changed conditions requiring prior notification include, but are not limited to:

- Disturbance, construction on, change or removal in whole or part of pavement that must be maintained over contaminated soil

Please send written notifications in accordance with the above requirements to WDNR Northeast Region RR Program Office, to the attention of Kristin DuFresne.

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 Kristin DuFresne at 920-662-5443.

Yours truly,

Bruce Urben, Team Supervisor
Northeast Region Remediation & Redevelopment Program

# Cover / Barrier Maintenance Plan
# Former Wisconsin-Michigan Auto Salvage
# 1749 South Broadway
# Green Bay, Wisconsin
# WDNR BRRTS Activity No. 02-05-000627

## Introduction

This document outlines the Maintenance Plan for a cover / barrier at the Former Wisconsin-Michigan Auto Salvage site located at 1749 South Broadway in Green Bay, Wisconsin. The maintenance activities described in this document are the responsibility of the current property owner (signatory) and / or subsequent owners of the property. The maintenance activities are associated with an existing barrier covering subsurface soil characterized by elevated volatile organic compound (VOC) concentrations. The location of the barrier, to be maintained in accordance with this Maintenance Plan, is located in an existing parking area and is identified on the attached Figure 2A in Exhibit A. The barrier consists of existing paved asphalt surface.

## Cover Barrier Purpose and Description

The existing cover over the contaminated soil serves as a barrier to limit the potential for direct human contact with residual soil that might otherwise pose a risk to human health. The cover barrier includes an asphalt driveway / parking areas. Based on the current and future use of the property, the barrier should function as intended, unless disturbed.

The following activities are prohibited on any portion of the property where existing asphalt is required as shown on the attached Figure 2A, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources:

- removal of the existing barrier
- replacement with another barrier
- excavation or grading of the land surface
- filling on capped or paved areas
- plowing for agricultural cultivation
- construction or placement of a building or other structure

## Annual Inspection

The barrier overlying the impacted soil, as depicted on Figure 2A, will be inspected once a year. Inspection will be conducted in the spring of each year after the snow melt. The surface area will be inspected visually to evaluate damage due to settling, wear from traffic, erosion, and for other potential problems that may expose underlying soil. Any areas of the barrier that have become or are likely to become disturbed will be documented and repaired. A log of the inspections and any repairs will be maintained by the property owner and is included in Exhibit B, Cover / Barrier Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log.

## Maintenance Activities

If areas of the barrier are noted to be disturbed during the annual inspection or at any other time of the year, repairs will be scheduled as soon as practical. During maintenance activities, if underlying soils are exposed for an extended period of time, the owner should inform maintenance workers of the direct contact exposure hazard. The owner should also sample any soil that is excavated from the site prior to disposal to document chemical characteristics of soil transported from the facility. The soil should be managed, and disposed of in accordance with applicable local, state, and federal law.

In the event the barrier overlying the soil is removed or replaced, the replacement barrier must also limit direct contact with underlying soil. The replacement barrier will be subject to the same maintenance and inspection guidelines as outlined herein unless indicated otherwise by the WDNR or its successor.

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

**Amendment or Withdrawal of Maintenance Plan**

This Maintenance Plan can be amended or withdrawn by the current or subsequent owners of the property with the written approval of the WDNR.

**Contact Information**

Site Owner and Operator:
Georgia Pacific Corporation
Mr. Michael Moore
1919 South Broadway
P.O. Box 19130
Green Bay, Wisconsin 54307
Phone: (920) 438-4081

Consultant:
Mr. Mark Magee
AECOM, Inc.
1035 Kepler Drive
Green Bay, Wisconsin 54311
Phone: (920) 406-3141

WDNR:
Ms. Kristin DuFresne
Wisconsin Department of Natural Resources
P.O Box 10448
Green Bay, Wisconsin 54307-0448
Phone: (920) 662-5443

Michael T. Moore
Signature

10-15-09
Date

MICHAEL MOORE
Name

ENVIRONMENTAL ENGINEER
Title

GEORGIA PACIFIC CONSUMER PRODUCTS, LP.
Company

Enclosures:

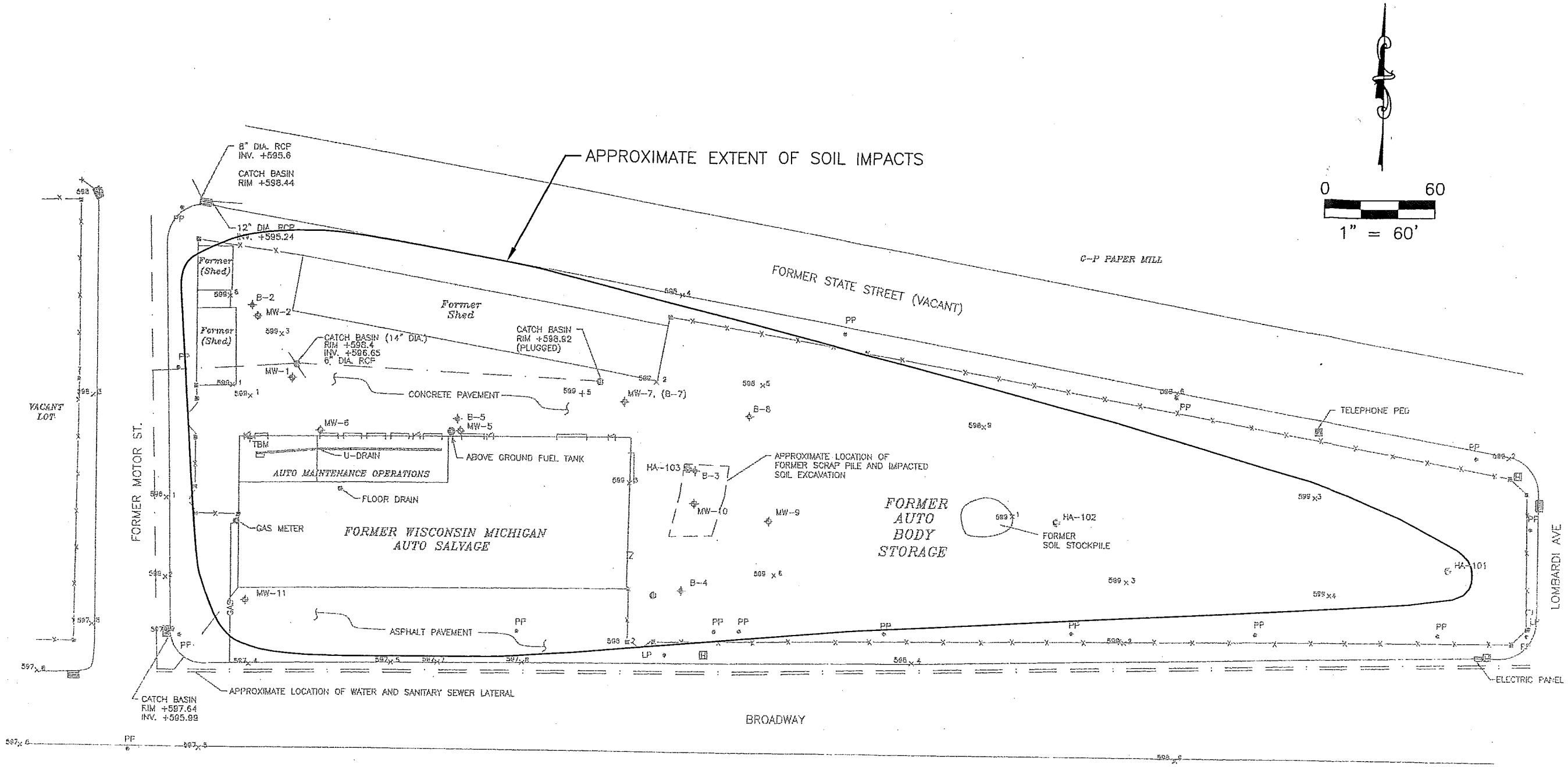
Exhibit A - Figure 2A - Cover / Barrier Maintenance Plan

Exhibit B - Cover / Barrier Inspection Log

# Exhibit A

Figure 2A – Area of Impact Soil Remediation and Approximate Extent of Soil Impacts

Cover / Barrier Maintenance Plan
Former Wisconsin-Michigan Auto Salvage
1749 south Broadway
Green Bay, Wisconsin
WDNR BRRTS Activity No. 02-05-000627




NOTES

1. SITE SURVEYED BY STS CONSULTANTS ON 3-10-93
2. LOCATIONS OF WATER, SANITARY SEWER, AND STORM SEWER LINES APPROXIMATED FROM CITY OF GREEN BAY ENGINEERING DEPARTMENT MAPS FROM 1973.
3. UTILITIES MARKED WITH DASHED LINES ARE APPROXIMATE LOCATIONS.
4. THE AREA LOCATED BETWEEN LOMBARDI AVENUE, BROADWAY AVENUE, FORMER MOTOR STREET, AND FORMER STATE STREET IS VACANT AND CURRENTLY UTILIZED AS AN ASPHALT PARKING LOT.

LEGEND

- MONITORING WELL
- SOIL BORING
- HAND AUGER LOCATION
- 599 x 5 GROUND SURFACE SPOT ELEVATION
- PP UTILITY POLE
- STEEL OR METAL FENCE
- SERVICE DOOR
- OVER HEAD DOOR
- FENCE GATE
- STORM WATER CATCH BASIN
- APPROXIMATE LOCATION OF CATCH BASIN
- FIRE HYDRANT
- LP LIGHT POLE
- TRAFFIC SIGNAL
- T.B.M. TEMP. BENCH MARK

STS | AECOM
920.468.1978
www.sts.aecom.com


# AREA OF IMPACT SOIL REMEDIATION AND APPROXIMATE EXTENT OF SOIL IMPACTS

FORMER WISCONSIN - MICHIGAN AUTO SALVAGE
GEORGIA PACIFIC CORPORATION
GREEN BAY, WISCONSIN

| | | |
|---|---|---|
| Drawn: | RLD | 3/30/2009 |
| Checked: | MWM | 3/30/2009 |
| Approved: | RAM | 3/30/2009 |
| PROJECT NUMBER | 200800962 | |
| FIGURE NUMBER | 2A | |

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Exhibit B

Cover / Barrier Inspection Log

Former Wisconsin-Michigan Auto Salvage

1749 South Broadway

Green Bay, Wisconsin

WDNR BRRTS Activity No. 02-05-000627

| Inspection Date | Inspector | Condition of Cover | Recommedations | Have Recommendations from previous inspection been implemented |
|---|---|---|---|---|
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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

March 11, 2009

Mr. Michael Moore
Georgia-Pacific
1919 South Broadway
P.O. Box 19130
Green Bay, WI 54307

Subject: Conditional Closure Decision with Requirements to Achieve Final Closure
Wisconsin Michigan Auto Salvage, 1749 South Broadway, Green Bay, Wisconsin
WDNR BRRTS Activity # 02-05-000627

Dear Mr. Moore:

On March 2, 2009, the Wisconsin Department of Natural Resources Northeast Region Closure Committee reviewed your request for closure of the case described above. The Northeast Region 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 Closure Committee has determined that the chlorinated solvent contamination on the site from former auto salvage activities 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:

Your site has been approved for closure with a listing on the groundwater GIS registry for MW-1, MW-2, MW-5, and MW-10 and the soil GIS registry for B2, B3, B4, B5, B7, B8, MW-11, HA-101 and HA-102. In effort to complete the GIS registry process for the Wisconsin Michigan Auto Salvage site, please provide the Department with the information highlighted on the attached forms.

The monitoring wells and other remediation system components 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 3300-005 found at http://dnr.wi.gov/org/water/dwg/gw/ or provided by the Department of Natural Resources.

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. 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 the RR Sites Map page at: http://dnr.wi.gov/org/aw/rr/gis/index.htm.

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 920-662-5443.

Sincerely,

Kristin DuFresne

Kristin DuFresne
Hydrogeologist
Remediation & Redevelopment Program

ec: Michael Carney, AECOM

PROPERTY NUMBER 84
CITY OF GREEN BAY, WISCONSIN

LOCATION ON MAP

This parcel of land is located West of vacated State Street, South of vacated Motor Street, East of South Broadway and North of vacated Lombardi Avenue. (Designated on Map A-Sheet 1 and 1A.)

LEGAL DESCRIPTION

Parcel A:
That part of Lots Three (3), Four (4) and Five (5), according to the recorded Plat of C.L.A. Tank's Subdivision of Private Claim 12 and the North 1/2 of Private Claim 13, West side of Fox River, in the City of Green Bay, Brown County, Wisconsin; bounded on the Westerly side by the Easterly line of Broadway; on the Easterly side by the Westerly line of State Street; on the Northerly side by the Southerly boundary line of Motor Street; and on the Southerly side by the Northerly line of Highland Avenue.

Parcel B:
That part of State Street lying westerly of Lot 1 and easterly of Lots 2, 3, 4 and 5, Tank's Subdivision of Private Claims 12 and the north 1/2 of 13 west side of the Fox River; that part of Motor Street lying in Lot 3, Tank's Subdivision of Private Claims 12 and the north 1/2 of 13 west side of the Fox River; that part of Lombardi Avenue lying southerly of Lot 5, Tank's Subdivision of Private Claims 12 and the north 1/2 of 13 west side of the Fox River and lying northerly of Lot 3 of Morris and Bromley's Subdivision of the South 1/2 of Private Claim 13, west side of the Fox River all located in the City of Green Bay, Brown County, Wisconsin more particularly described as follows:

Beginning at the southwest corner of said Lot 1, Tank's Subdivision of Private Claims 12 and the north 1/2 of 13, thence N. 36°-24'-34" E 1126.77 feet along the east right-of-way line of said State Street to a point on a line lying 60.00 feet southerly of and parallel with the south right-of-way line of the Fox Valley and Western LTD (formerly known as the Manitowoc, Green Bay and Northwestern Railway Company) as described in Volume 100 of Deeds, page 351, Brown County Records; thence along said parallel line along the arc of a 2020.08 foot radius curve to the right 66.13 feet, said curve having a chord which bears N 50°-06'-06" W 66.12 feet to a point on the west right-of-way line of said State Street; thence S 36°-24'-34" W 315.66 feet along said west right-of-way line of State Street to the intersection with the north right-of-way line of Motor Street as described in Volume 140 of Deeds Pages 44 and 45 Brown County Records; thence N 64°-11'-59" W 232.04 feet along said north right-of-way line of Motor Street to the intersection with the east right-of-way line of Broadway, thence S 26°-03'-32" W 60.00 feet along said east right-of-way line of Broadway to the intersection with the south right-of-way line of said Motor Street; thence S 64°-11'-59" E 221.07 feet along said south right-of-way line of Motor Street to a point on the west right-of-way line of State Street; thence S 36°-24'-34" W 732.89 feet along said west right-of-way line of State Street to the intersection with the north right-of-way line of Lombardi Avenue; thence N 64°-12'-49" W 89.39 feet along said north right-of-way line of Lombardi Avenue to the intersection with the east right-of-way line of Broadway; thence S 26°-03'-32" W 66.00 feet along said east right-of-way line of Broadway to the south intersection with the south right-of-way line of Lombardi Avenue; thence S 64°-12'-49" E 144.48 feet along said south right-of-way line of Lombardi Avenue to the intersection with the east right-of-way line of State Street; thence N 36°-24'-34" E 33.58 feet along said east right-of-way line of State Street to the point of beginning.

TAX PARCEL NUMBER

1-1415 (Parcel A)
1-1407 (Parcel B)

RECORD OWNER

Fort Howard Corporation

FROM WHOM PURCHASED

Robert S. Rowe 1980 Convertible Trust (Parcel A)
The City of Green Bay (Parcel B)

DATE PURCHASED

May 15, 1995 (Parcel A)
November 29, 1995 (Parcel B)

PURCHASE PRICE

$400,000 (Parcel A)
Deeded a portion of property #20 (Parcel B)

CONVEYANCE RECEIVED/RECORDING DATA

Trustee's Deed, dated May 15, 1995, which was recorded in the Brown County Register of Deeds office on May 15, 1995, in Jacket 24945, Image 07, as Document No. 1450098. (Parcel A)

April 18, 1995, City Resolution and November 30, 1995, letter from City of Green Bay. (Parcel B)

ACREAGE

2.98 (Parcel A)
Unknown (Parcel B)

EASEMENTS, COVENANTS AND RESTRICTIONS OF RECORD

An Easement Agreement entered into with the Green Bay Metropolitan Sewerage District on September 11, 1995, for the purpose of constructing, installing, operating, maintaining, repairing and replacing a sanitary sewer.

MISCELLANEOUS

On November 29, 1995, the City of Green Bay abandoned and assigned to Fort Howard a portion of Lombardi Avenue, a portion of State Street and all of Motor Street which surround this parcel of land. (See Map A-Sheet 1A.)

On June 4, 1996, we received a letter from the City of Green Bay, Public Works Department granting us permission to plant honey locust trees in the public right-of-way on the east side of Broadway between Lombardi and the now vacated Motor street. In the event the City ever decides to put in sidewalks, we will either need to remove the trees or grant the City an easement on other property which will allow for construction of a five foot wide public sidewalk.

TO WHOM SOLD

Not applicable.

DATE SOLD

Not applicable.

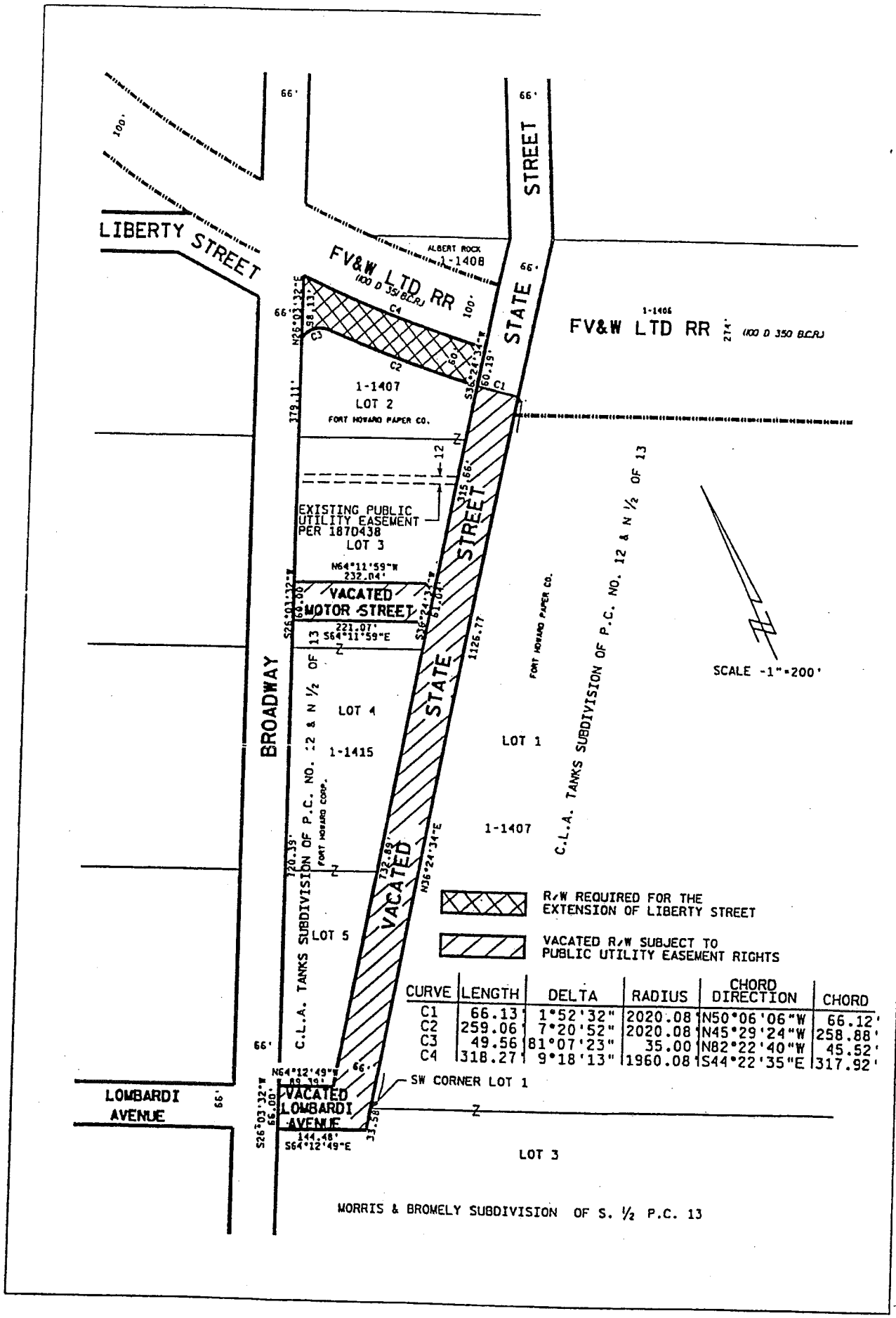
SALE PRICE

Not applicable.

TO WHOM LEASED

Not applicable.

MAP A - SHEET 1A




| CURVE | LENGTH | DELTA | RADIUS | CHORD DIRECTION | CHORD |
|---|---|---|---|---|---|
| C1 | 66.13' | 1°52'32" | 2020.08' | N50°06'06"W | 66.12' |
| C2 | 259.06' | 7°20'52" | 2020.08' | N45°29'24"W | 258.88' |
| C3 | 49.56' | 81°07'23" | 35.00' | N82°22'40"W | 45.52' |
| C4 | 318.27' | 9°18'13" | 1960.08' | S44°22'35"E | 317.92' |

d:\rightway\vacated\liberty\libert Jul. 17. 1995 08:14:08

1798

## STATEMENT OF AFFECTED PROPERTY LEGAL DESCRIPTION

As required by s.NR 726.05(3)f of the Wisconsin Administrative Code, Georgia-Pacific Consumer Products LP is providing this signed statement that to the best of our knowledge, the legal description for the property that is within, or partially within, the contaminated site boundary located at the 1749 South Broadway in Green Bay, Wisconsin, has been provided to the Wisconsin Department of Natural Resources.

Signature

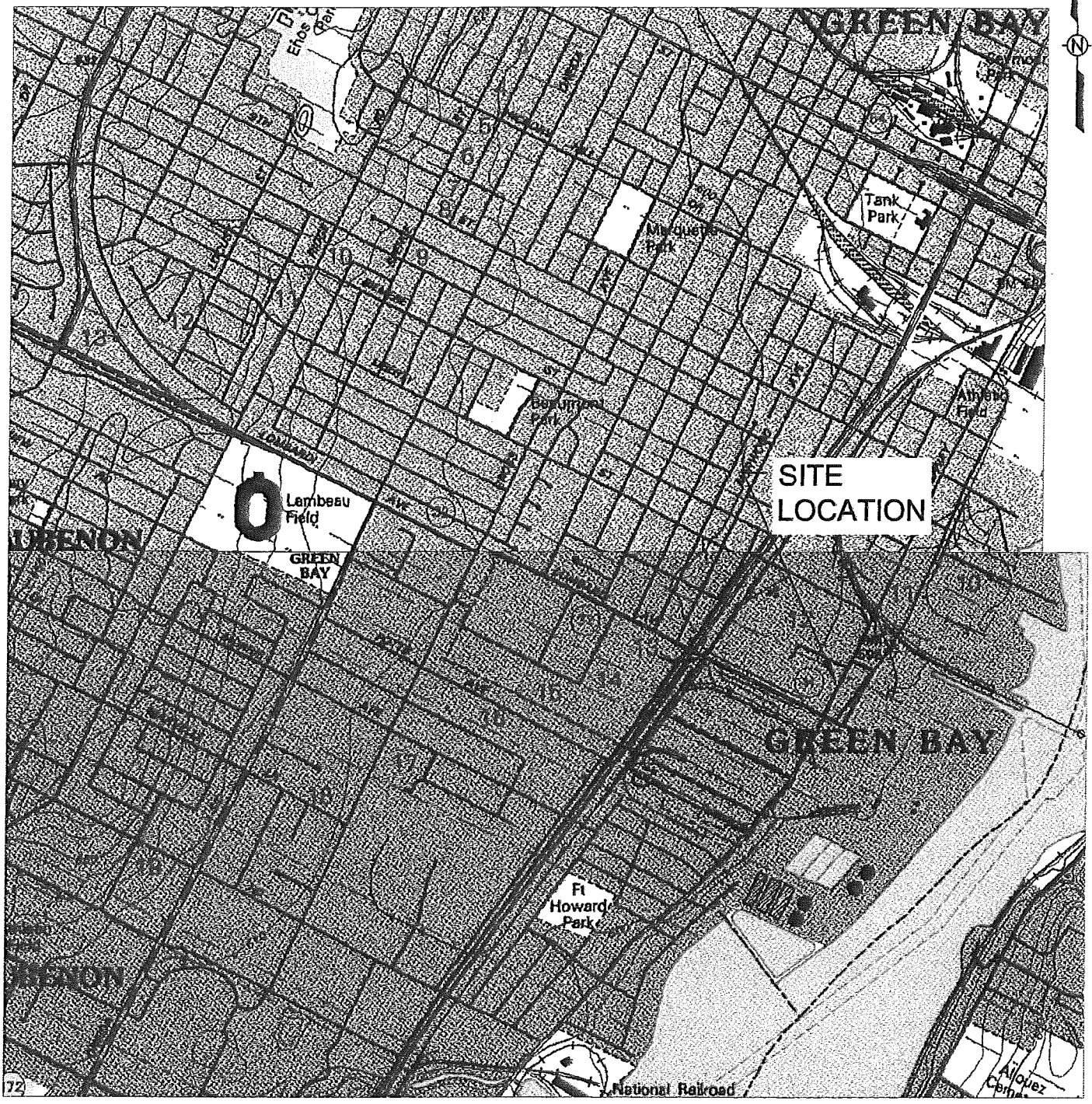
9-5-08
Date

John Evans
Name

Manager - Facilities
Title

Georgia Pacific Consumer Products LP
Company

MAP SOURCE: MODIFIED FROM GREEN BAY WEST (1992)
& DePERE (1992), WIS. 7.5 MINUTE U.S.G.S.
QUADRANGLES.




SCALE

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

STS | AECOM

920.468.1978
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# SITE LOCATION DIAGRAM

## FORMER WISCONSIN-MICHIGAN AUTO SALVAGE
## GEORGIA PACIFIC CORPORATION
## GREEN BAY, WISCONSIN

| | | |
|---|---|---|
| Drawn: | JRL | 05/13/2008 |
| Checked: | MWM | 05/13/2008 |
| Approved: | RAM | 05/13/2008 |
| PROJECT NUMBER | 200800962 | |
| FIGURE NUMBER | 1 | |

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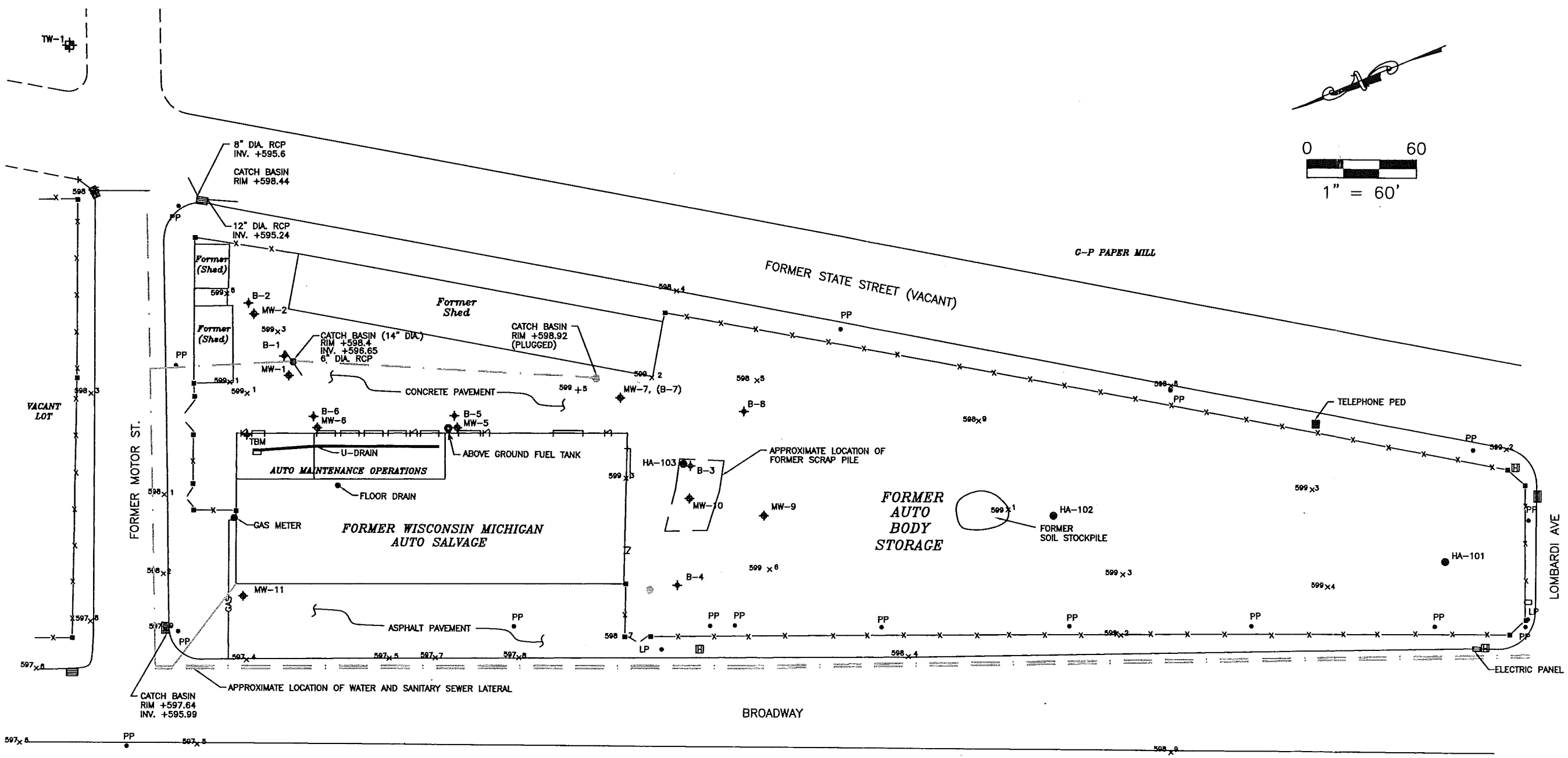


## NOTES

1. SITE SURVEYED BY STS CONSULTANTS ON 3-10-93
2. LOCATIONS OF WATER, SANITARY SEWER, AND STORM SEWER LINES APPROXIMATED FROM CITY OF GREEN BAY ENGINEERING DEPARTMENT MAPS FROM 1973.
3. UTILITIES MARKED WITH DASHED LINES ARE APPROXIMATE LOCATIONS.
4. THE AREA LOCATED BETWEEN LOMBARDI AVENUE, BROADWAY AVENUE, FORMER MOTOR STREET, AND FORMER STATE STREET IS VACANT AND CURRENTLY UTILIZED AS AN ASPHALT PARKING LOT.

## LEGEND

- MONITORING WELL
- SOIL BORING
- HAND AUGER LOCATION
- 598 x5 GROUND SURFACE SPOT ELEVATION
- PP UTILITY POLE
- STEEL OR METAL FENCE
- SERVICE DOOR
- OVER HEAD DOOR
- FENCE GATE
- STORM WATER CATCH BASIN
- APPROXIMATE LOCATION OF CATCH BASIN
- FIRE HYDRANT
- LP LIGHT POLE
- TRAFFIC SIGNAL
- T.B.M. TEMP. BENCH MARK
- TEMPORARY WELL

STS | AECOM
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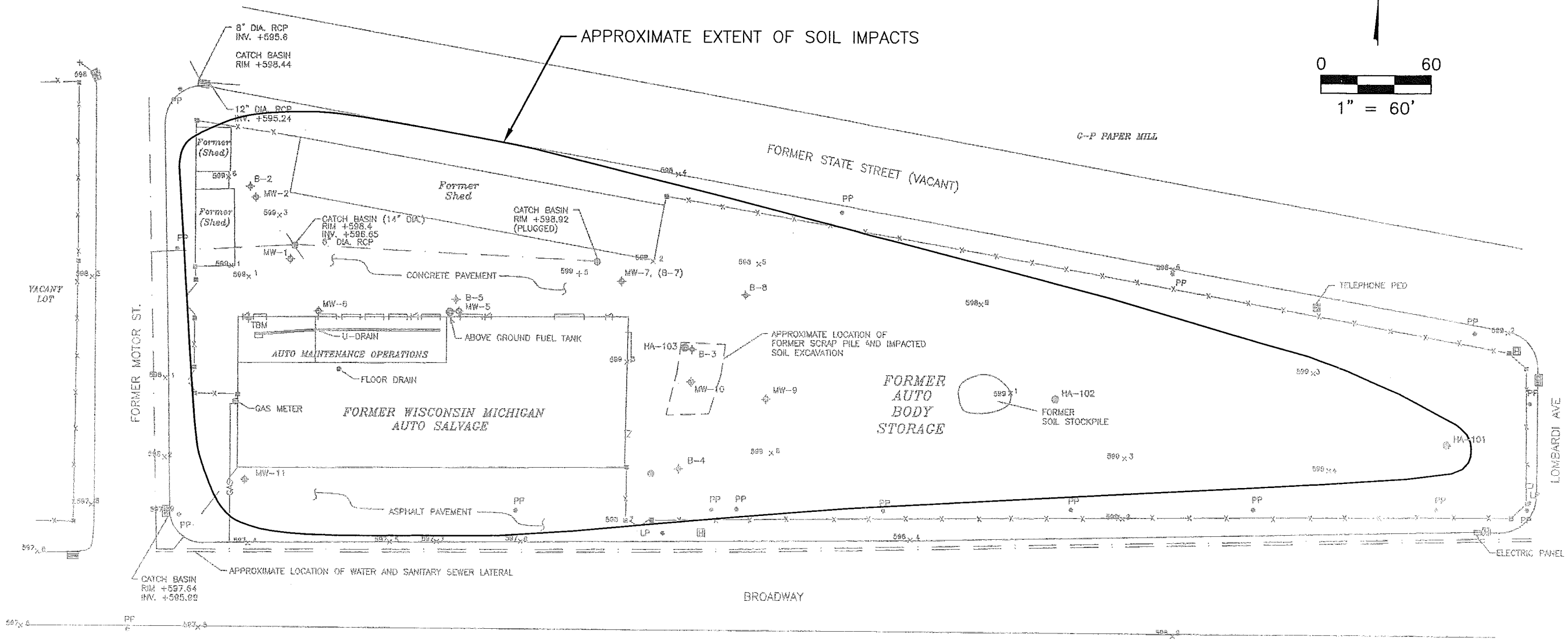
# SOIL BORING AND MONITORING WELL LOCATION DIAGRAM
## FORMER WISCONSIN - MICHIGAN AUTO SALVAGE
## GEORGIA PACIFIC CORPORATION
## GREEN BAY, WISCONSIN

| | | |
|---|---|---|
| Drawn : | RLD | 3/30/2009 |
| Checked: | MWM | 3/30/2009 |
| Approved: | RAM | 3/30/2009 |
| PROJECT NUMBER | 200800962 | |
| FIGURE NUMBER | 2B | |




## NOTES

1. SITE SURVEYED BY STS CONSULTANTS ON 3-10-93
2. LOCATIONS OF WATER, SANITARY SEWER, AND STORM SEWER LINES APPROXIMATED FROM CITY OF GREEN BAY ENGINEERING DEPARTMENT MAPS FROM 1973.
3. UTILITIES MARKED WITH DASHED LINES ARE APPROXIMATE LOCATIONS.
4. THE AREA LOCATED BETWEEN LOMBARDI AVENUE, BROADWAY AVENUE, FORMER MOTOR STREET, AND FORMER STATE STREET IS VACANT AND CURRENTLY UTILIZED AS AN ASPHALT PARKING LOT.

## LEGEND

- MONITORING WELL
- SOIL BORING
- HAND AUGER LOCATION
- 598 x 6 — GROUND SURFACE SPOT ELEVATION
- PP — UTILITY POLE
- STEEL OR METAL FENCE
- SD — SERVICE DOOR
- OHD — OVER HEAD DOOR
- FENCE GATE
- STORM WATER CATCH BASIN
- APPROXIMATE LOCATION OF CATCH BASIN
- FIRE HYDRANT
- LP — LIGHT POLE
- TS — TRAFFIC SIGNAL
- T.B.M. — TEMP. BENCH MARK

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# AREA OF IMPACT SOIL REMEDIATION AND APPROXIMATE EXTENT OF SOIL IMPACTS

FORMER WISCONSIN - MICHIGAN AUTO SALVAGE
GEORGIA PACIFIC CORPORATION
GREEN BAY, WISCONSIN

| | | |
|---|---|---|
| Drawn : | RLD | 3/30/2009 |
| Checked: | MWM | 3/30/2009 |
| Approved: | RAM | 3/30/2009 |
| PROJECT NUMBER | 200800962 | |
| FIGURE NUMBER | 2A | |

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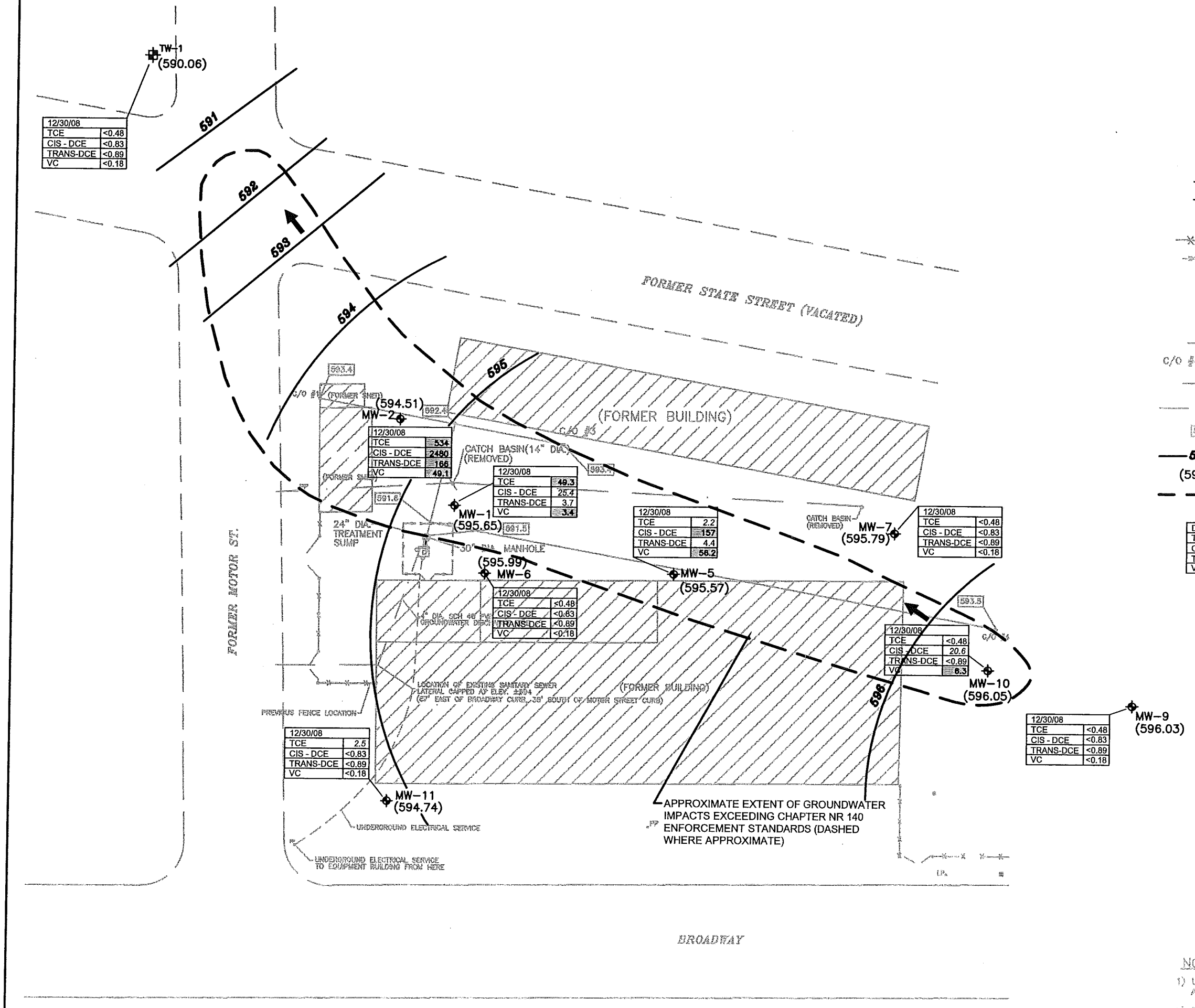


SCALE IN FEET

0 40'

## LEGEND

- MW-7 / TW-1 — MONITORING WELL / TEMPORARY WELL
- PP — UTILITY POLE
- STEEL OR METAL FENCE(RAZED)
- FENCE GATE(RAZED)
- APPROXIMATE LOCATION OF CATCH BASIN
- FIRE HYDRANT
- LP — LIGHT POLE
- CHAIN LINK FENCE
- C/O #40 — COLLECTION SYSTEM CLEANOUT
- GROUNDWATER COLLECTION PIPE
- GROUNDWATER TRANSFER PIPE
- 593.5 — GROUNDWATER COLLECTION PIPE INVERT ELEVATION
- 592 — GROUNDWATER CONTOUR
- (596.03) — GROUNDWATER ELEVATION
- APPROXIMATE EXTENT OF GROUNDWATER IMPACTS EXCEEDING CHAPTER NR 140 ENFORCEMENT STANDARDS

| DATE | |
|---|---|
| TCE | TRICHLOROETHYLENE |
| CIS - DCE | CIS-1,2 - DICHLOROETHYLENE |
| TRANS-DCE | TRANS-1,2 - DICHLOROETHYLENE |
| VC | VINYL CHLORIDE |

CONCENTRATION REFERENCED TO µg/l.

- 50.2 — NR 140ES EXCEEDANCE
- 20.6 — PAL EXCEEDANCE
- <0.19 — NO DETECT

NOTES

1) UTILITIES MARKED WITH DASHED LINES ARE ARE APPROXIMATE LOCATIONS
2) BUILDINGS AND FENCE WERE RAZED IN LATE 1994

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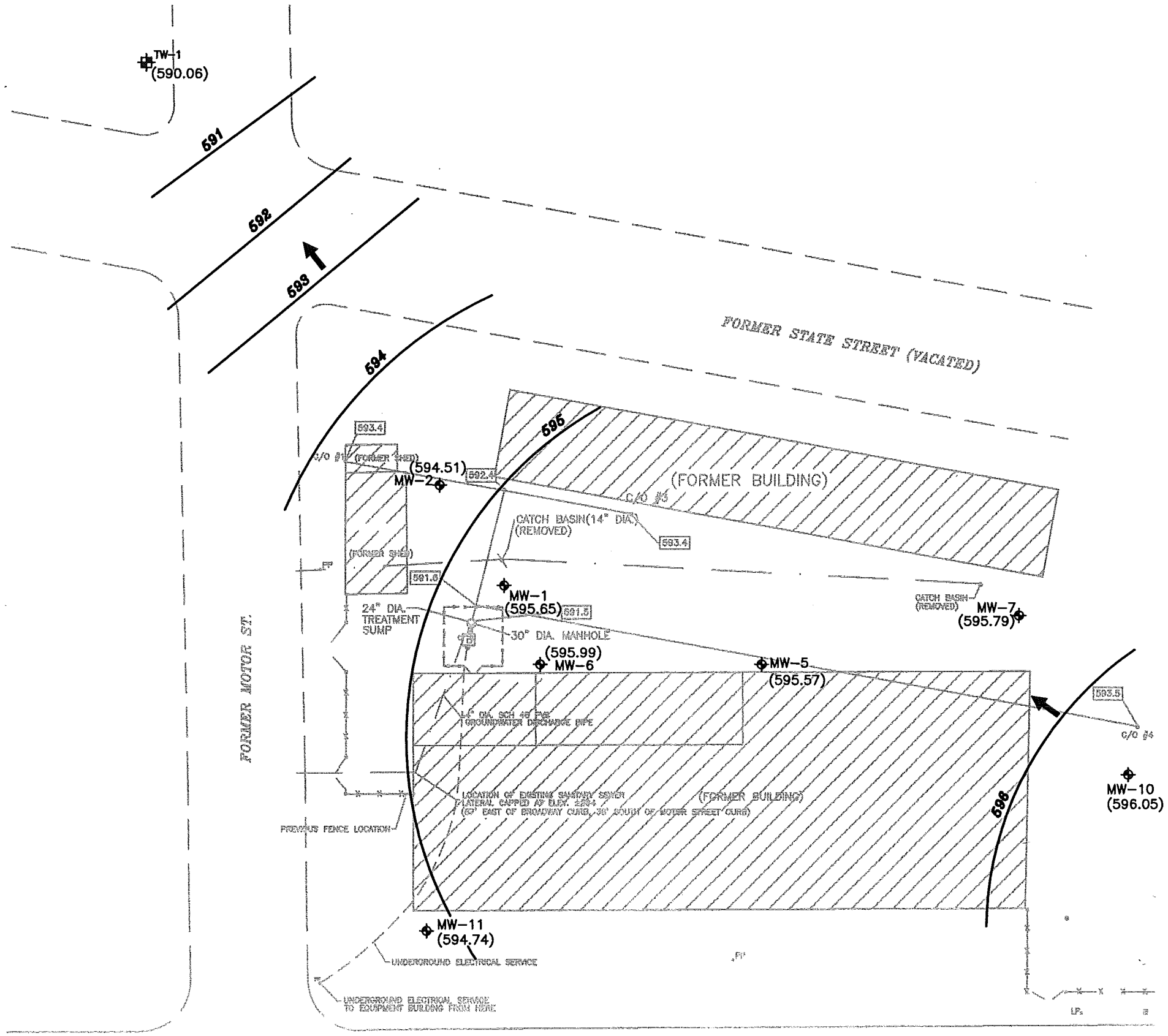
# APPROXIMATE EXTENT OF NR 140 EXCEEDANCES IN GROUNDWATER (12/30/08)

FORMER WISCONSIN-MICHIGAN AUTO SALVAGE
GEORGIA PACIFIC CORPORATION
GREEN BAY, WISCONSIN

| | | |
|---|---|---|
| Drawn : | RLD | 3/30/2009 |
| Checked: | MWM | 3/30/2009 |
| Approved: | RAM | 3/30/2009 |
| PROJECT NUMBER | 200800962 | |
| FIGURE NUMBER | 4A | |




SCALE IN FEET

0 40'

**LEGEND**

- MW-7 — MONITORING WELL
- TW-1 — TEMPORARY WELL
- PP — UTILITY POLE
- STEEL OR METAL FENCE(RAZED)
- FENCE GATE(RAZED)
- APPROXIMATE LOCATION OF CATCH BASIN
- FIRE HYDRANT
- LP — LIGHT POLE
- CHAIN LINK FENCE
- c/o #4 — COLLECTION SYSTEM CLEANOUT
- GROUNDWATER COLLECTION PIPE
- GROUNDWATER TRANSFER PIPE
- 593.5 — GROUNDWATER COLLECTION PIPE INVERT ELEVATION
- 592 — GROUNDWATER CONTOUR
- (596.03) — GROUNDWATER ELEVATION

NOTES

1) UTILITIES MARKED WITH DASHED LINES ARE ARE APPROXIMATE LOCATIONS

2) BUILDINGS AND FENCE WERE RAZED IN LATE 1994

STS | AECOM

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# GROUNDWATER CONTOUR MAP (12/30/08)

FORMER WISCONSIN-MICHIGAN AUTO SALVAGE
GEORGIA PACIFIC CORPORATION
GREEN BAY, WISCONSIN

| | | |
|---|---|---|
| Drawn : | RLD | 3/30/2009 |
| Checked: | MWM | 3/30/2009 |
| Approved: | RAM | 3/30/2009 |

PROJECT NUMBER: 200800962

FIGURE NUMBER: 3C

TABLE 2 - Summary of Soil Analytical Results
Wisconsin - Michigan Auto Salvage
Green Bay, Wisconsin
All Concentrations in ug/kg

SAMPLE NUMBER

| Boring Number | B-1 | B-1 | B-2 | B-2 | B-3 | B-3 | B-4 | B-5 | B-5 | B-6 | B-6 | B-7 | B-7 | B-8 | MW-9 | MW-10 | MW-10 | MW-11 | MW-11 | HA-101 | HA-102 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number | S-1 | S-5 | S-2 | S-6 | S-1 | S-4 | S-3 | S-1 | S-3 | S-1 | S-4 | S-1 | S-4 | S-3 | S-3 | S-1 | S-4 | S-1 | S-4 | S-1 | S-1 |
| Depth (feet from surface) | 0.5 | 10 | 2.5 | 12.5 | 0.5 | 7.5 | 5 | 0.8 | 5 | 0.8 | 7.5 | 0 | 7.5 | 5 | 5 | 0 | 7.5 | 0.2 | 7.5 | 0 | 0 |
| PID reading | 80 | <1 | 90 | <1 | 20 | <1 | <1 | 2 | <1 | 30 | <1 | <1 | <1 | <1 | <1 | 2 | <1 | <1 | <1 | <1 | <1 |
| FID reading | 80 | 15 | 200 | 30 | 1000+ | 2 | <1 | 400 | 20 | 600 | 5 | 300 | <1 | <1 | <1 | 400 | 8 | 50 | 2 | - | - |
| Benzene | X | X | X | X | X | X | X | X | X | 1.5 | X | X | X | X | X | X | X | X | X | X | X |
| n-Butlybenzene | 770 | X | 48 | X | 224 | X | X | X | X | 364 | X | X | X | X | X | X | X | X | X | X | X |
| sec-Butlybenzene | 409 | X | 29 | X | X | X | X | X | X | 36 | X | X | X | X | X | X | X | X | X | X | X |
| tert-Butlybenzene | 773 | X | X | X | X | X | X | X | X | 51 | X | X | X | X | X | X | X | X | X | X | X |
| cis-1,2-Dichloroethene | X | X | 240 | X | 511 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 14 |
| trans-1,2-Dichloroethene | X | X | X | X | 31 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Di-Isopropyl Ether | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Ethylbenzene | 216 | X | 53 | X | 71 | X | X | X | X | 17 | X | X | X | X | X | X | X | X | X | X | X |
| Isopropylbenzene | 732 | X | 26 | X | X | X | X | X | X | 34 | X | X | X | X | X | X | X | X | X | X | X |
| p-Isopropyltoluene | 1010 | X | X | X | X | X | X | X | X | 92 | X | X | X | X | X | X | X | X | X | X | X |
| Methylene Chloride | 54 | 21 | 99 | 25 | 882 | 30 | 29 | 372 | 21 | 110 | 64 | 175 | 62 | 69 | 85 | 187 | 80 | 190 | 77 | 37 | 73 |
| Methyl-tert-Butyl-Ether | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Naphthalene | X | X | X | X | 140 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Tetrachloroethene | X | X | 122 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| n-Propylbenzene | 2080 | X | 190 | X | 74 | X | X | X | X | 305 | X | X | X | X | X | X | X | X | X | X | X |
| Toluene | X | X | 40 | X | 151 | X | X | 5.4 | X | X | X | X | X | X | X | X | X | 2.4 | X | X | X |
| 1,1,1-trichloroethane | X | X | X | 6.1 | 18 | X | 1.2 | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| Trichloroethene | X | X | 248 | 9.3 | X | 2.9 | 2.9 | 5.5 | X | X | X | 7.7 | X | 4.7 | X | X | X | 5.3 | 9.8 | 22 | 9.7 |
| 1,2,4-Trimethylbenzene | X | X | 42 | X | 437 | X | X | X | X | 37 | X | X | X | X | X | X | X | X | X | X | X |
| 1,3,5-Trimethylbenzene | 863 | X | X | X | 240 | X | X | X | X | 25 | X | X | X | X | X | X | X | X | X | X | X |
| vinyl chloride | X | X | X | X | 631 | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X |
| m,p-xylene | 23 | X | 16 | X | 252 | X | X | 5.1 | 2.1 | 7.5 | X | X | X | X | X | X | X | X | X | X | X |
| o-xylene | 1620 | X | 47 | X | 258 | X | X | 5.5 | X | 73 | X | X | X | X | X | X | X | X | X | X | X |
| -Total VOCs (ug/kg)- | 8550 | 21 | 1200 | 40 | 3920 | 33 | 33 | 394 | 23 | 1153 | 64 | 183 | 62 | 74 | 85 | 187 | 80 | 198 | 87 | 59 | 97 |
| -VOCs w/o Meth. Chloride- | 8496 | 0 | 1101 | 15 | 3038 | 3 | 4 | 22 | 2 | 1043 | 0 | 8 | 0 | 5 | 0 | 0 | 0 | 8 | 10 | 22 | 24 |

NOTES
X = Analyzed but not detected

# Table 3
## WISCONSIN / MICHIGAN AUTO SALVAGE
## GROUNDWATER QUALITY DATA

### MW1
**(ALL UNITS IN ug/L)**

| Parameter | 09/25/97 | 12/17/97 | 03/27/98 | 09/16/98 | 03/17/99 | 09/02/99 | 03/02/00 | 09/15/00 | 02/16/01 | 03/23/01 | 10/18/01 | 03/27/02 | 09/27/02 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | **1.62** | **0.7*** | **0.72*** | **1.6** | **0.75*** | **0.92** | **0.63*** | **1.1*** | **0.52*** | **0.53*** | **0.88*** | <0.48[1] | <0.50[1] |
| Ethylbenzene | <0.5[1] | <.23[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <1.1[1] | <0.57[1] | <0.50[1] | <0.43[1] | <0.43[1] | <0.43[1] |
| Tetrachloroethylene | <0.5[1] | <.27[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <1.7[1] | <0.85[1] | <0.41[1] | <0.57[1] | <0.57[1] | <0.57[1] |
| Toluene | <0.5[1] | <.28[1] | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <2.2[1] | <0.13[1] | <0.40[1] | <0.47[1] | <0.47[1] | <0.47[1] |
| Trichloroethylene | **50.5** | **59** | **77** | **110** | **97** | **85** | **94** | **120** | **98** | **110** | **54** | **54** | **90** |
| Vinyl Chloride | **45.5** | **28** | **23** | **43** | **27** | **48** | **20** | **43** | **26** | **18** | **41** | **8.9** | **88** |
| m- & p-Xylene | <0.5[1] | <.51[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.70[1] | <0.35[1] | <0.77[1] | <1.4[1] | <1.4[1] | <2.2[1] |
| o-Xylene | <0.5[1] | <.28[1] | <.24[1] | <.24[1] | <.24[1] | <.24[1] | <.24[1] | <.56[1] | <0.28[1] | <0.54[1] | <0.54[1] | <0.54[1] | <1.5[1] |
| n-Butylbenzene | <0.5[1] | <.31[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.56[1] | <0.28[1] | <0.39[1] | <0.61[1] | <0.61[1] | <1.3[1] |
| sec-Butylbenzene | <0.5[1] | <.23[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.40[1] | <0.20[1] | <0.58[1] | <0.49[1] | <0.49[1] | <1.2[1] |
| 1,1-Dichloroethylene | **1.96** | **2.2** | **2.4** | **3.4** | **2.4** | **2.5** | **1.9** | **3.3** | **2.3** | **1.8** | **2.6** | **1.1*** | **<1.1[1]** |
| cis-1,2-Dichloroethylene | **126** | **100** | **92** | **170** | **120** | **130** | **110** | **220** | **140** | **150** | **190** | **84** | **210** |
| trans-1,2-Dichloroethylene | **54.8** | **41** | **43** | **64** | **42** | **46** | **41** | **63** | **43** | **41** | **43** | **21** | **34** |
| Isopropylbenzene | <0.5[1] | <.27[1] | <.26[1] | <.26[1] | <.26[1] | <.26[1] | <.26[1] | <.50[1] | <0.50[1] | <0.39[1] | <0.43[1] | <0.43[1] | <1.3[1] |
| Methyl Tert Butyl Ether | <0.5[1] | <.53[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.40[1] | <0.40[1] | <0.44[1] | <0.67[1] | <0.67[1] | <1.7[1] |

| Parameter | 03/27/03 | 10/07/03 | 04/28/04 | 10/21/04 | 05/11/05 | 10/05/05 | 03/29/06 | 10/03/06 | 04/18/07 | 10/22/07 | 04/02/08 | 12/30/08[5] | NR 140 PAL | NR 140 ES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.41[1] | **0.55*** | <0.41[1] | 0.46* | <0.41[1] | 0.44* | <0.41[1] | <0.41[1] | <0.41[1] | <0.41[1] | <0.41[1] | <0.41 | 0.5 | 5 |
| Ethylbenzene | <0.54[1] | <0.54[1] | <0.54[1] | <0.54[1] | <0.54[1] | <0.54[1] | <0.54[1] | <0.54[1] | <0.54[1] | <0.54[1] | <0.54[1] | <0.54 | 140 | 700 |
| Tetrachloroethylene | <0.45[1] | <0.45[1] | <0.45[1] | <0.45[1] | <0.45[1] | 0.70* | **0.88*** | **1.3*** | **2** | **1.1** | **0.94*** | **1.0** | 0.5 | 5 |
| Toluene | <0.67[1] | <0.67[1] | <0.67[1] | <0.67[1] | <0.67[1] | <0.67[1] | <0.67[1] | <0.67[1] | <0.67[1] | <0.67[1] | <0.67[1] | <0.67 | 68.6 | 343 |
| Trichloroethylene | **95** | **120** | **65** | **100** | **72** | **120** | **60** | **110** | **45** | **91** | **47.6** | **49.3** | 0.5 | 5 |
| Vinyl Chloride | **3.9** | **24** | **17** | **32** | **20** | **25** | **2.8** | **22** | **12** | **17** | **6.5** | **3.4** | 0.02 | 0.2 |
| m- & p-Xylene | <1.8[1] | <1.8[1] | <1.8[1] | <1.8[1] | <1.8[1] | <1.8[1] | <1.8[1] | <1.8[1] | <1.8[1] | <1.8[1] | <1.8[1] | <1.8 | 124 | 620 |
| o-Xylene | <0.83[1] | <0.83[1] | <0.83[1] | <0.83[1] | <0.83[1] | <0.83[1] | <0.83[1] | <0.83[1] | <0.83[1] | <0.83[1] | <0.83[1] | <0.83 | -- | -- |
| n-Butylbenzene | <0.93[1] | <0.93[1] | <0.93[1] | <0.93[1] | <0.93[1] | <0.93[1] | <0.93[1] | <0.93[1] | <0.93[1] | <0.93[1] | <0.93[1] | <0.93 | -- | -- |
| sec-Butylbenzene | <0.89[1] | <0.89[1] | <0.89[1] | <0.89[1] | <0.89[1] | <0.89[1] | <0.89[1] | <0.89[1] | <0.89[1] | <0.89[1] | <0.89[1] | <0.89 | -- | -- |
| 1,1-Dichloroethylene | **1.4*** | **2.1** | **1.1*** | **1.8*** | **1.4*** | **1.8*** | **0.76*** | **1.6*** | <0.57 | **1.3*** | **0.76*** | **0.75** | 0.7 | 7 |
| cis-1,2-Dichloroethylene | **120** | **150** | **65** | **110** | **56** | **96** | **34** | **71** | **36** | **55** | **26.8** | **25.4** | 7 | 70 |
| trans-1,2-Dichloroethylene | **26** | **31** | 14 | **21** | 12 | 18 | 7.4 | 13 | 5.7 | 9.3 | 4.5 | 3.7 | 20 | 100 |
| Isopropylbenzene | <0.59[1] | <0.59[1] | <0.59[1] | <0.59[1] | <0.59[1] | <0.59[1] | <0.59[1] | <0.59[1] | <0.59[1] | <0.59[1] | <0.59[1] | <0.59 | -- | -- |
| Methyl Tert Butyl Ether | <0.61[1] | <0.61[1] | <0.61[1] | <0.61[1] | <0.61[1] | <0.61[1] | <0.61[1] | <0.61[1] | 2.6 | <0.61[1] | <0.61[1] | <0.61 | 12 | 60 |

ND = Not Detected

* Result reported between the Limit Of Detection (LOD) and Limit of Quanitation(LOQ)

[1] Result reported below the Limit of Detection

**45** Bold denotes a NR 140 Enforcement Standard Exceedance

Bold denotes a NR 140 Preventative Action Limit Exceedance

# Table 3
## WISCONSIN / MICHIGAN AUTO SALVAGE
## GROUNDWATER QUALITY DATA

### MW2
**(ALL UNITS IN ug/L)**

| Parameter | 09/25/97 | 12/17/97 | 03/27/98 | 09/16/98 | 03/17/99 | 09/02/99 | 03/02/00 | 09/15/00 | 02/16/01 | 03/23/01 | 10/18/01 | 03/27/02 | 09/27/02 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | **5.32** | <20[1] | <27[1] | <14[1] | <14[1] | <27[1] | <14[1] | <29[1] | <29[1] | <22[1] | <48[1] | <24[1] | <25[1] |
| Ethylbenzene | <0.5[1] | <12[1] | <32[1] | <16[1] | <17[1] | <32[1] | <16[1] | <57[1] | <57[1] | <25[1] | <43[1] | <22[1] | <53[1] |
| Tetrachloroethylene | **16.9** | **20*** | <43[1] | 22* | <22[1] | <43[1] | <22[1] | <85[1] | <85[1] | <20[1] | <57[1] | <28[1] | <63[1] |
| Toluene | 0.89 | <14[1] | <27[1] | <14[1] | <14[1] | <27[1] | <14[1] | <110[1] | <13[1] | <20[1] | <47[1] | <23[1] | <84[1] |
| **Trichloroethylene** | **1940** | **1600** | **1400** | **2000** | **1500** | **1200** | **1100** | **1100** | **1100** | **1500** | **1400** | **1200** | **1500** |
| **Vinyl Chloride** | **105** | <12 | <20 | **120** | **56** | **30*** | **16*** | <19[1] | <19[1] | **100** | **110** | **57** | **88** |
| m- & p-Xylene | <0.5[1] | <26[1] | <43[1] | <22[1] | <22[1] | <43* | <22[1] | <35[1] | <35[1] | <38[1] | <140[1] | <70[1] | <110[1] |
| o-Xylene | <0.5[1] | <14[1] | <24[1] | <12[1] | <12[1] | <24* | <12[1] | <28[1] | <28[1] | <27[1] | <54[1] | <27[1] | <73[1] |
| n-Butylbenzene | <0.5[1] | <16[1] | <29[1] | <14[1] | <14[1] | <29 | <14[1] | <28[1] | <28[1] | <20[1] | <61[1] | <30[1] | <65[1] |
| sec-Butylbenzene | <0.5[1] | <12[1] | <29[1] | <14[1] | <14[1] | <29 | <14[1] | <20[1] | <20[1] | <29[1] | <49[1] | <24[1] | <62[1] |
| 1,1-Dichloroethylene | **9.71** | <14[1] | <43[1] | <22[1] | <22[1] | <37[1] | <22[1] | <85[1] | <85[1] | <23[1] | <85[1] | <24[1] | <56[1] |
| **cis-1,2-Dichloroethylene** | **8080** | **8200** | **8600** | **9000** | **6900** | **6500** | **6100** | **8200** | **6100** | **6800** | **6600** | **5800** | **11000** |
| **trans-1,2-Dichloroethylene** | **256** | **<270** | **300** | **310** | **250** | **210*** | **230** | **330** | **230** | **230** | **240** | **230** | **410** |
| Isopropylbenzene | <0.5[1] | <14[1] | <26[1] | <13[1] | <13[1] | <26[1] | <13[1] | <19[1] | <19[1] | <20[1] | <43[1] | <22[1] | <66[1] |
| Methyl Tert Butyl Ether | <0.5[1] | <26[1] | <32[1] | <16[1] | <16[1] | <32[1] | <16[1] | <20[1] | <20[1] | <22[1] | <67[1] | <34[1] | <87[1] |

| Parameter | 03/27/03 | 10/7/03 | 04/28/04 | 10/21/04 | 05/11/05 | 10/05/05 | 03/29/06 | 10/03/06 | 04/18/07 | 10/22/07 | 04/02/08 | 12/30/08[5] | NR 140 PAL | NR 140 ES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <10[1] | <20[1] | <20[1] | <20[1] | <82[1] | <20[1] | <10[1] | <20[1] | <10[1] | <10[1] | <8.2[1] | <8.2 | 0.5 | 5 |
| Ethylbenzene | <14[1] | <27[1] | <27[1] | <27[1] | <110[1] | <27[1] | <14[1] | <27[1] | <14[1] | <14[1] | <10.8[1] | <10.8 | 140 | 700 |
| Tetrachloroethylene | <11[1] | <22[1] | <22[1] | <22[1] | <90[1] | <22[1] | <11[1] | <22[1] | <11[1] | **12*** | <9.0 | <9.0 | 0.5 | 5 |
| Toluene | <17[1] | <34[1] | <34[1] | <34[1] | <130[1] | <34[1] | <17[1] | <34[1] | <17[1] | <17[1] | <13.4[1] | <13.4 | 200 | 1000 |
| **Trichloroethylene** | **930** | **890** | **950** | **1200** | **870** | **920** | **840** | **1100** | **710** | **950** | **652** | **534** | 0.5 | 5 |
| **Vinyl Chloride** | **17** | **21*** | **84** | **270** | **92** | **210** | **37** | **210** | **110** | **88** | <3.6[1] | **49.1** | 0.02 | 0.2 |
| m- & p-Xylene | <45[1] | <90[1] | <90[1] | <90[1] | <360[1] | <90[1] | <45[1] | <90[1] | <45[1] | <45[1] | <36.0[1] | <36.0 | 1000 | 10000 |
| o-Xylene | <21[1] | <42[1] | <42[1] | <42[1] | <170[1] | <42[1] | <21[1] | <42[1] | <21[1] | <21[1] | <16.6[1] | <16.6 | -- | -- |
| n-Butylbenzene | <23[1] | <46[1] | <46[1] | <46[1] | <190[1] | <46[1] | <23[1] | <46[1] | <23[1] | <23[1] | <18.6[1] | <18.6 | -- | -- |
| sec-Butylbenzene | <22[1] | <44[1] | <44[1] | <44[1] | <180[1] | <44[1] | <22[1] | <44[1] | <22[1] | <22[1] | <17.8[1] | <17.8 | -- | -- |
| 1,1-Dichloroethylene | <14[1] | <28[1] | <28[1] | <28[1] | <110[1] | <28[1] | <14[1] | <28[1] | <14[1] | <14[1] | <11.4[1] | <11.4 | 0.7 | 7 |
| **cis-1,2-Dichloroethylene** | **4900** | **6000** | **5800** | **6300** | **5500** | **6200** | **4500** | **6800** | **3800** | **5000** | **3070** | **2480** | 7 | 70 |
| **trans-1,2-Dichloroethylene** | **200** | **270** | **250** | **260** | **260** | **280** | **240** | **370** | **210** | **270** | **186** | **166** | 20 | 100 |
| Isopropylbenzene | <15[1] | <30[1] | <30[1] | <30[1] | <120[1] | <30[1] | <15[1] | <30[1] | <15[1] | <15[1] | <11.8[1] | <11.8 | -- | -- |
| Methyl Tert Butyl Ether | <15[1] | <30[1] | <30[1] | <30[1] | <120[1] | <30[1] | <15[1] | <30[1] | <15[1] | <15[1] | <12.2[1] | <12.2 | 12 | 60 |

ND = Not Detected

* Result reported between the Limit Of Detection (LOD) and Limit of Quanitation(LOQ)

[1] Result reported below the Limit of Detection

[5]Wells resampled per request by Kristin DuFrense, WDNR in attempt to close site in 2008.

**45** Bold denotes a NR 140 Enforcement Standard Exceedance

Bold denotes a NR 140 Preventative Action Limit Exceedance

# Table 3
## WISCONSIN / MICHIGAN AUTO SALVAGE
## GROUNDWATER QUALITY DATA

### MW5
**(ALL UNITS IN ug/L)**

| Parameter | 09/25/97 | 12/17/97 | 03/27/98 | 09/16/98 | 03/17/99 | 09/02/99 | 03/02/00 | 09/15/00 | 02/16/01 | 03/23/01 | 10/18/01 | 03/27/02 | 09/27/02 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <0.5 | <.41 | <.27 | .46* | 0.32* | **0.92** | 0.42* | <.29[1] | <.29[1] | 0.48* | **1.2*** | **0.57*** | **0.9** |
| Ethylbenzene | <0.5[1] | <.23[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.57[1] | <.57[1] | <0.50[1] | <.43[1] | <.43[1] | *<0.53* |
| Tetrachloroethylene | <0.5[1] | <.27[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.85[1] | <.85[1] | <0.41[1] | <.57[1] | <.57[1] | *<0.63* |
| Toluene | <0.5[1] | <.28[1] | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <1.1[1] | <.13[1] | <0.40[1] | <0.47[1] | <0.47[1] | *<0.84* |
| Trichloroethylene | <0.5 | **0.83** | **.59*** | **2.4** | **1.3** | **2.7** | **2** | **5.5** | **2.9** | **3.8** | **8.6** | **4.3** | **7.1** |
| Vinyl Chloride | **25.4** | **20** | **3.7** | **49** | **35** | **87** | **41** | **99** | **57** | **66** | **130** | **71** | **100** |
| m- & p-Xylene | <0.5[1] | <.51[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.35[1] | <.35[1] | <0.77[1] | <1.4[1] | <1.4[1] | <1.1 |
| o-Xylene | <0.5[1] | <.28[1] | <.24[1] | <.24[1] | <.24[1] | <.24[1] | <.24[1] | <.28[1] | <.28[1] | <0.54[1] | <0.54[1] | <0.54[1] | <0.73 |
| n-Butylbenzene | <0.5[1] | <.31[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.28[1] | <.28[1] | <0.39[1] | <0.61[1] | <0.61[1] | <0.65 |
| sec-Butylbenzene | <0.5[1] | <.23[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.20[1] | <.20[1] | <.58[1] | <0.49[1] | <0.49[1] | <0.62 |
| 1,1-Dichloroethylene | **<0.5** | **0.55*** | **<.43** | **.91*** | **.72*** | **1.6** | **1.3*** | **1.2*** | **1.3*** | **1.3*** | *<.85*[1] | **1.4** | **1.3*** |
| cis-1,2-Dichloroethylene | **16.3** | **24** | **14** | **51** | **39** | **80** | **59** | **74** | **79** | **93** | **110** | **95** | **100** |
| trans-1,2-Diclhoroethylene | <0.5 | <0.25 | <0.79 | 1.1* | <0.79 | 1.1* | 1.3* | 1.4* | 1.3* | 1.7* | <0.79[1] | <0.79[1] | 3.5 |
| Isopropylbenzene | <0.5[1] | <.27[1] | <.26[1] | <.26[1] | <.26[1] | <.26[1] | <.27[1] | <.19[1] | <.19[1] | <0.39[1] | <.43[1] | <.43[1] | <0.66 |
| Methyl Tert Butyl Ether | **37** | **47** | **49** | **51** | **46** | **53** | **47** | **37** | **34** | **39** | **32** | **37** | **24** |

| Parameter | 03/27/03 | 10/07/03 | 04/28/04 | 10/21/04 | 05/11/05 | 10/05/05 | 03/29/06 | 10/03/06 | 04/18/07 | 10/22/07 | 04/02/08 | 12/30/08[5] | NR 140 PAL | NR 140 ES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Benzene** | **1.7** | **1.6** | **3.3** | **5.0** | **3.3*** | **1.3*** | **1.2*** | **2.7** | **2.1*** | **2.1*** | **1.3** | **0.59*** | 0.5 | 5 |
| Ethylbenzene | <0.54[1] | <0.54[1] | <0.54[1] | <2.2[1] | <1.4[1] | <0.54[1] | <0.54[1] | <0.54[1] | <1.4 | <1.4 | <0.54[1] | <0.54 | 140 | 700 |
| Tetrachloroethylene | <0.45[1] | <0.45[1] | <0.45[1] | <1.8[1] | <1.4[1] | <0.45[1] | <0.45[1] | **0.66*** | <1.1 | <1.1 | <0.45[1] | <0.45 | 0.5 | 5 |
| Toluene | <0.67[1] | <0.67[1] | <0.67[1] | <2.7[1] | <1.4[1] | <0.67[1] | <0.67[1] | <0.67[1] | <1.7 | <1.7 | <0.67[1] | <0.67 | 200 | 1000 |
| Trichloroethylene | **12** | **6** | **11** | **3.6** | **3** | **4.2** | **7** | **8.9** | **23** | **11** | **6.8** | **2.2** | 0.5 | 5 |
| Vinyl Chloride | **210** | **140** | **270** | **380** | **360** | **91** | **130** | **220** | **270** | **200** | **152** | **56.2** | 0.02 | 0.2 |
| m- & p-Xylene | <1.8[1] | <1.8[1] | <1.8[1] | <7.2[1] | <1.4[1] | <1.8[1] | <1.8[1] | <1.8[1] | <4.5 | <4.5 | <1.8[1] | <1.8 | 1000 | 10000 |
| o-Xylene | <0.83[1] | <0.83[1] | <0.83[1] | <3.3[1] | <1.4[1] | <0.83[1] | <0.83[1] | <0.83[1] | <2.1 | <2.1 | <0.83[1] | <0.83 | -- | -- |
| n-Butylbenzene | <0.93[1] | <0.93[1] | <0.93[1] | <3.7[1] | <2.3[1] | <0.93[1] | <0.93[1] | <0.93[1] | <2.3 | <2.3 | <0.93[1] | <0.93 | -- | -- |
| sec-Butylbenzene | <0.89[1] | <0.89[1] | <0.89[1] | <3.6[1] | <2.2[1] | <0.89[1] | <0.89[1] | <0.89[1] | <2.2 | <2.2 | <0.89[1] | <0.89 | -- | -- |
| 1,1-Dichloroethylene | **2.2** | **1.3*** | **2.3*** | **2.7*** | **2.8*** | **0.77*** | **1.2*** | **2.0** | **1.6*** | **1.6*** | **1.7** | **1.3** | 0.7 | 7 |
| cis-1,2-Dichloroethylene | **190** | **110** | **240** | **290** | **250** | **84** | **130** | **180** | **220** | **150** | **147** | **157** | 7 | 70 |
| trans-1,2-Diclhoroethylene | 4.0[1] | 2.8* | 6.4 | 9.1 | 6.3 | 2.1* | 3.8 | 5.4 | 8.5 | 5.7* | 4.7 | 4.4 | 20 | 100 |
| Isopropylbenzene | <0.59[1] | <0.59[1] | <0.59[1] | <2.4[1] | <1.5[1] | <0.59[1] | <0.59[1] | <0.59[1] | <1.5 | <1.5 | <0.59[1] | <0.59 | -- | -- |
| Methyl Tert Butyl Ether | **31** | **22** | **33** | **35** | **31** | 7.9 | **18** | **18** | **26** | **19** | **19.9** | **22.8** | 12 | 60 |

ND = Not Detected

* Result reported between the Limit Of Detection (LOD) and Limit of Quanitation(LOQ)

[1] Result reported below the Limit of Detection

[5]Wells resampled per request by Kristin DuFrense, WDNR in attempt to close site in 2008.

**45** Bold denotes a NR 140 Enforcement Standard Exceedance

Bold denotes a NR 140 Preventative Action Limit Exceedance

# Table 3

## WISCONSIN / MICHIGAN AUTO SALVAGE
## GROUNDWATER QUALITY DATA

### MW6

(ALL UNITS IN ug/L)

| Parameter | 03/24/93 | 11/29/94 | 09/22/95 | 12/06/95 | 3/14/96 | 6/28/96 | 9/26/96 | 12/4/96 | 3/19/97 | 6/25/97 | 9/25/97 | 12/17/97[4] | 3/23/01[3] | 4/2/08[5] | 12/30/08[5] | NR 140 PAL | NR 140 ES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | -- | 1.17 | 0.3 | ND | ND | ND | ND | ND | ND | ND | <0.5 | <.41 | <0.44[1] | <0.41[1] | <0.41 | 0.5 | 5 |
| Ethylbenzene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | <0.5 | <.23 | <0.50[1] | <0.54[1] | <0.54 | 140 | 700 |
| Tetrachloroethylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | <0.5 | <.27 | <0.41[1] | <0.45[1] | <0.45 | 0.5 | 5 |
| Toluene | -- | -- | 0.3 | ND | 1.91 | 0.5 | ND | ND | ND | ND | <0.5 | <.28 | <0.40[1] | <0.67[1] | <0.67 | 200 | 1000 |
| Trichloroethylene | -- | -- | ND | ND | ND | 0.8 | ND | 0.5 | ND | ND | <0.5 | <.20 | <0.49[1] | <0.48[1] | <0.48 | 0.5 | 5 |
| Vinyl Chloride | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | <0.5 | <.23 | <0.17[1] | <0.18[1] | <0.18 | 0.02 | 0.2 |
| m- & p-Xylene | -- | -- | 0.5 | ND | ND | ND | ND | ND | ND | ND | <0.5 | <.51 | <0.77[1] | <1.8[1] | <1.8 | 1000 | 10000 |
| o-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | <0.5 | <.28 | <0.54[1] | <0.83[1] | <0.83 | -- | -- |
| n-Butylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5 | <.31 | <0.39[1] | <0.93[1] | <0.93 | -- | -- |
| sec-Butylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5 | <.23 | <0.58[1] | <0.89[1] | <0.89 | -- | -- |
| 1,1-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5 | <.28 | <0.61[1] | <0.57[1] | <0.57 | 0.7 | 7 |
| cis-1,2-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | 0.6 | ND | ND | <0.5 | <.28 | <0.46[1] | <0.83[1] | <0.83 | 7 | 70 |
| trans-1,2-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5 | <.25 | <0.64[1] | <0.89[1] | <0.89 | 20 | 100 |
| Isopropylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5 | <.27 | <0.39[1] | <0.59[1] | <0.59 | -- | -- |
| Methyl Tert Butyl Ether | 11 | 8.92 | -- | -- | -- | -- | 4.4 | 3.1 | 4.2 | 4.9 | <0.5 | 5.0 | 5.2 | 3.4 | 2.7 | 12 | 60 |

### MW7

| Parameter | 3/24/93 | 11/29/94 | 9/22/95 | 12/6/95 | 3/14/96 | 6/28/96 | 9/26/96 | 12/4/96[2] | 3/23/01[3] | 4/2/08[5] | 12/30/08[5] | NR 140 PAL | NR 140 ES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | -- | -- | ND | ND | ND | ND | ND | ND | <0.44[1] | <0.41[1] | <0.41 | 0.5 | 5 |
| Ethylbenzene | -- | -- | ND | ND | ND | ND | ND | ND | <0.50[1] | <0.54[1] | <0.54 | 140 | 700 |
| Tetrachloroethylene | -- | -- | ND | ND | ND | ND | ND | ND | <0.41[1] | <0.45[1] | <0.45 | 0.5 | 5 |
| Toluene | -- | -- | 0.3 | ND | ND | ND | ND | ND | <0.40[1] | <0.67[1] | <0.67 | 200 | 1000 |
| Trichloroethylene | -- | -- | ND | ND | ND | ND | ND | ND | <0.49[1] | <0.48[1] | <0.48 | 0.5 | 5 |
| Vinyl Chloride | -- | -- | ND | ND | ND | ND | ND | ND | <0.17[1] | <0.18[1] | <0.18 | 0.02 | 0.2 |
| m- & p-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | <0.77[1] | <1.8[1] | <1.8 | 1000 | 10000 |
| o-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | <0.54[1] | <0.83[1] | <0.83 | -- | -- |
| n-Butylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | <0.39[1] | <0.93[1] | <0.93 | -- | -- |
| sec-Butylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | <0.58[1] | <0.89[1] | <0.89 | -- | -- |
| 1,1-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | ND | <0.61[1] | <0.57[1] | <0.57 | 0.7 | 7 |
| cis-1,2-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | ND | <0.46[1] | <0.83[1] | <0.83 | 7 | 70 |
| trans-1,2-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | ND | <0.64[1] | <0.89[1] | <0.89 | 20 | 100 |
| Isopropylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | <0.39[1] | <0.59[1] | <0.59 | -- | -- |
| Methyl Tert Butyl Ether | -- | -- | -- | -- | -- | -- | ND | ND | <0.44[1] | <0.61[1] | <0.61 | 12 | 60 |

### MW9

| Parameter | 3/24/93 | 11/29/94 | 9/22/95 | 12/6/95 | 3/14/96 | 6/28/96 | 9/26/96 | 12/4/96[2] | 3/23/01[3] | 4/2/08[5] | 12/30/08[5] | NR 140 PAL | NR 140 ES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | -- | -- | ND | ND | ND | ND | ND | ND | <0.44[1] | <0.41[1] | <0.41 | 0.5 | 5 |
| Ethylbenzene | -- | -- | ND | ND | ND | ND | ND | ND | <0.50[1] | <0.54[1] | <0.54 | 140 | 700 |
| Tetrachloroethylene | -- | -- | ND | ND | ND | ND | ND | ND | <0.41[1] | <0.45[1] | <0.45 | 0.5 | 5 |
| Toluene | -- | -- | ND | ND | ND | 1.3 | ND | ND | <0.40[1] | <0.67[1] | <0.67 | 200 | 1000 |
| Trichloroethylene | -- | -- | ND | ND | ND | ND | ND | ND | <0.49[1] | <0.48[1] | <0.48 | 0.5 | 5 |
| Vinyl Chloride | -- | -- | 0.2 | ND | ND | ND | ND | ND | <0.17[1] | <0.18[1] | <0.18 | 0.02 | 0.2 |
| m- & p-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | <0.77[1] | <1.8[1] | <1.8 | 1000 | 10000 |
| o-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | <0.54[1] | <0.83[1] | <0.83 | -- | -- |
| n-Butylbenzene | -- | -- | | | | | ND | ND | <0.39[1] | <0.93[1] | <0.93 | -- | -- |
| sec-Butylbenzene | -- | -- | | | | | ND | ND | <0.58[1] | <0.89[1] | <0.89 | -- | -- |
| 1,1-Dichloroethylene | -- | -- | | | | | ND | ND | <0.61[1] | <0.57[1] | <0.57 | 0.7 | 7 |
| cis-1,2-Dichloroethylene | -- | -- | | | | | ND | ND | <0.46[1] | <0.83[1] | <0.83 | 7 | 70 |
| trans-1,2-Dichloroethylene | -- | -- | | | | | ND | ND | <0.64[1] | <0.89[1] | <0.89 | 20 | 100 |
| Isopropylbenzene | -- | -- | | | | | ND | ND | <0.39[1] | <0.59[1] | <0.59 | -- | -- |
| Methyl Tert Butyl Ether | -- | -- | | | | | ND | ND | <0.44[1] | <0.61[1] | <0.61 | 12 | 60 |

[2]Wells no longer required to be sampled per Mr. Al Nass, WDNR in a letter dated February 27,1997.
[3]Wells were sampled per request by Kristin DuFrense, WDNR in a letter dated December 1, 2000. Wells will not have to be sampled per discussion with Kristin on 4/25/01.
[4]Wells no longer required to be sampled per Mr. Al Nass, WDNR in a letter dated January 16, 1998.
[5]Wells resampled per request by Kristin DuFrense, WDNR in attempt to close site in 2008.
ND = Not Detected
* Result reported between the Limit Of Detection (LOD) and Limit of Quanitation(LOQ)
[1] Result reported below the Limit of Detection
**45** Bold denotes a NR 140 Enforcement Standard Exceedance
Bold denotes a NR 140 Preventative Action Limit Exceedance

# Table 3
## WISCONSIN / MICHIGAN AUTO SALVAGE
## GROUNDWATER QUALITY DATA

### MW10
**(ALL UNITS IN ug/L)**

| Parameter | 3/24/1993 | 11/29/1994 | 9/22/1995 | 12/6/1995 | 3/14/1996 | 8/6/1996 | 9/26/1996 | 12/4/1996 | 3/19/1997 | 6/25/1997 | 9/25/1997 | 12/17/1997 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | <0.5[1] | <.41[1] |
| Ethylbenzene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | <0.5[1] | <.23[1] |
| Tetrachloroethylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | <0.5[1] | <.27[1] |
| Toluene | -- | -- | 0.68 | ND | ND | 0.87 | 1.0 | ND | ND | 1.1 | 0.94 | <.28[1] |
| Trichloroethylene | -- | -- | 0.3 | ND | ND | ND | ND | ND | ND | ND | <0.5[1] | <.20[1] |
| Vinyl Chloride | -- | **8.76** | **16** | **15.4** | **4.08** | **32** | **29.1** | **15.9** | **26.2** | **25.8** | **32.7** | **34** |
| m- & p-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | <0.5[1] | <.51[1] |
| o-Xylene | -- | -- | ND | ND | ND | ND | ND | ND | ND | ND | <0.5[1] | <.28[1] |
| n-Butylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] | <.31[1] |
| sec-Butylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] | <.23[1] |
| 1,1-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] | <.28[1] |
| cis-1,2-Dichloroethylene | -- | -- | -- | -- | -- | -- | **17.3** | **12.9** | **18.6** | **15.4** | **22.6** | **29** |
| trans-1,2-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5 | 0.50* |
| Isopropylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] | <.27[1] |
| Methyl Tert Butyl Ether | -- | -- | -- | -- | -- | -- | 0.7 | ND | 0.5 | ND | <0.5 | 0.54* |

| Parameter | 3/27/1998 | 9/16/1998 | 3/17/1999 | 9/2/1999 | 3/2/2000 | 9/15/2000 | 2/16/2001 | 3/23/2001 | 10/18/2001 | 4/2/2008[2] | 12/30/08[5] | NR 140 PAL | NR 140 ES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <.29[1] | <.29[1] | <0.44[1] | <0.48[1] | <0.41[1] | <0.41 | 0.5 | 5 |
| Ethylbenzene | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.57[1] | <.57[1] | <0.50[1] | <0.43[1] | <0.54[1] | <0.54 | 140 | 700 |
| Tetrachloroethylene | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.85[1] | <.85[1] | <0.41[1] | <0.57[1] | <0.45[1] | <0.45 | 0.5 | 5 |
| Toluene | 13 | .33* | <.27[1] | <.27[1] | <.27[1] | <1.1[1] | <.13[1] | <0.40[1] | <0.47[1] | <0.67[1] | <0.67 | 200 | 1000 |
| Trichloroethylene | <.37[1] | <.37[1] | <.37[1] | <.37[1] | <.37[1] | <.32[1] | <.32[1] | <0.49[1] | <0.89[1] | <0.48[1] | <0.48 | 0.5 | 5 |
| Vinyl Chloride | **22** | **52** | **39** | **48** | **32** | **43** | **19** | **26** | **33** | **14.9** | **6.3** | 0.02 | 0.2 |
| m- & p-Xylene | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.35[1] | <.35[1] | <0.77[1] | <1.4[1] | <1.8[1] | <1.8 | 1000 | 10000 |
| o-Xylene | <.24[1] | <.24[1] | <.24[1] | <.24[1] | <.24[1] | <.28[1] | <.28[1] | <0.54[1] | <0.54[1] | <0.83[1] | <0.83 | -- | -- |
| n-Butylbenzene | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.28[1] | <.28[1] | <0.39[1] | <0.61[1] | <0.93[1] | <0.93 | -- | -- |
| sec-Butylbenzene | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.20[1] | <.20[1] | <.58[1] | <0.49[1] | <0.89[1] | <0.89 | -- | -- |
| 1,1-Dichloroethylene | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.85[1] | <.85[1] | <0.47[1] | <0.85[1] | <0.57[1] | <0.57 | 0.7 | 7 |
| cis-1,2-Dichloroethylene | **19** | **36** | **35** | **41** | **31** | **42** | **27** | **33** | **42** | **20.8** | **20.6** | 7 | 70 |
| trans-1,2-Dichloroethylene | <.79 | <.79 | 0.91* | 1.1 | 1.1* | 1.5 | 0.87 | 1.1* | 1.4* | 1.2 | <0.89 | 20 | 100 |
| Isopropylbenzene | <.26[1] | <.26[1] | <.26[1] | <.27[1] | <.26[1] | <.19[1] | <.19[1] | <0.39[1] | <0.43[1] | <0.59[1] | <0.59 | -- | -- |
| Methyl Tert Butyl Ether | 0.64 | 0.63* | 0.39* | 0.38* | 0.59* | <.20[1] | <.20[1] | <0.44[1] | <0.67[1] | <0.61[1] | <0.61 | 12 | 60 |

ND = Not Detected

* Result reported between the Limit Of Detection (LOD) and Limit of Quanitation(LOQ)

[1] Result reported below the Limit of Detection

[2]Wells resampled per request by Kristin DuFrense, WDNR in attempt to close site in 2008.

[5]Wells resampled per request by Kristin DuFrense, WDNR in attempt to close site in 2008.

**45** Bold denotes a NR 140 Enforcement Standard Exceedance

Bold denotes a NR 140 Preventative Action Limit Exceedance

# Table 3
## WISCONSIN / MICHIGAN AUTO SALVAGE
## GROUNDWATER QUALITY DATA

### MW11
**(ALL UNITS IN ug/L)**

| Parameter | 3/24/1993 | 11/29/1994 | 9/22/1995 | 12/6/1995 | 3/14/1996 | 8/6/1996 | 9/26/1996 | 12/4/1996 | 3/19/1997 | 6/25/1997 | 9/25/1997 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | -- | -- | ND | ND | Frozen | ND | ND | ND | ND | ND | <0.5[1] |
| Ethylbenzene | -- | -- | ND | ND | Unable | ND | ND | ND | ND | ND | <0.5[1] |
| Tetrachloroethylene | -- | -- | ND | ND | to | ND | ND | ND | ND | ND | <0.5[1] |
| Toluene | -- | -- | ND | ND | Sample | ND | ND | ND | ND | ND | <0.5[1] |
| Trichloroethylene | -- | **1.47** | **3.48** | **2.07** | -- | **1.74** | **1.7** | **2.1** | **2.2** | **1.2** | **1.66** |
| Vinyl Chloride | -- | -- | ND | ND | -- | ND | ND | ND | ND | ND | <0.5[1] |
| m- & p-Xylene | -- | -- | ND | ND | -- | 0.81 | ND | ND | ND | ND | <0.5[1] |
| o-Xylene | -- | -- | ND | ND | -- | ND | ND | ND | ND | ND | <0.5[1] |
| n-Butylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] |
| sec-Butylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] |
| 1,1-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] |
| cis-1,2-Dichloroethylene | -- | -- | -- | -- | -- | -- | 0.8 | 1.1 | 0.9 | 0.8 | 0.607 |
| trans-1,2-Dichloroethylene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] |
| Isopropylbenzene | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] |
| Methyl Tert Butyl Ether | -- | -- | -- | -- | -- | -- | ND | ND | ND | ND | <0.5[1] |

| Parameter | 12/17/1997 | 3/27/1998 | 9/16/1998 | 3/17/1999 | 9/2/1999 | 3/16/2000 | 9/15/2000 | 3/23/2001[2] | 4/2/2008[3] | 12/30/2008[3] | NR 140 PAL | NR 140 ES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | <.41[1] | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <.29[1] | Frozen | <0.41[1] | <0.41 | 0.5 | 5 |
| Ethylbenzene | <.23[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.57[1] | Unable | <0.54[1] | <0.54 | 140 | 700 |
| Tetrachloroethylene | <.27[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.85[1] | to | <0.45[1] | <0.45 | 0.5 | 5 |
| Toluene | <.28[1] | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <.27[1] | <1.1[1] | Sample | <0.67[1] | <0.67 | 200 | 1000 |
| Trichloroethylene | **2** | **0.97*** | **2.6** | **1.5** | **1.5** | **1.1** | **1.5** | --- | **1.9** | **2.5** | 0.5 | 5 |
| Vinyl Chloride | <.23[1] | <.20[1] | <.20[1] | <.20[1] | <.20[1] | <.20[1] | <.19[1] | --- | <0.18[1] | <0.18 | 0.02 | 0.2 |
| m- & p-Xylene | <.51[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.35[1] | --- | <1.8[1] | <1.8 | 1000 | 10000 |
| o-Xylene | <.28[1] | <.24[1] | <.24[1] | <.24[1] | <.24[1] | <.24[1] | <.28[1] | --- | <0.83[1] | <0.83 | -- | -- |
| n-Butylbenzene | <.31[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.28[1] | --- | <0.93[1] | <0.93 | -- | -- |
| sec-Butylbenzene | <.23[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.29[1] | <.20[1] | --- | <0.89[1] | <0.89 | -- | -- |
| 1,1-Dichloroethylene | <.28[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.43[1] | <.85[1] | --- | <0.57[1] | <0.57 | 0.7 | 7 |
| cis-1,2-Dichloroethylene | **1.2** | 0.42* | **1.9** | **0.97** | 0.50* | <.28[1] | **0.85*** | --- | <0.83[1] | <0.93* | 7 | 70 |
| trans-1,2-Dichloroethylene | <.25[1] | <.79[1] | <.79[1] | <.79[1] | <.79[1] | <.79[1] | <.35[1] | --- | <0.89[1] | <0.89 | 20 | 100 |
| Isopropylbenzene | <.27[1] | <.26[1] | <.26[1] | <.26[1] | <.26[1] | <.26[1] | <.19[1] | --- | <0.59[1] | <0.59 | -- | -- |
| Methyl Tert Butyl Ether | <0.53[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.32[1] | <.20[1] | --- | <0.61[1] | <0.61 | 12 | 60 |

ND = Not Detected

* Result reported between the Limit Of Detection (LOD) and Limit of Quanitation(LOQ)

[1] Result reported below the Limit of Detection

[2] Well frozen at the time of sampling Wells will not have to be sampled per discussion with Kristin DuFrense, WDNR on 4/25/01.

[3] Wells resampled per request by Kristin DuFrense, WDNR in attempt to close site in 2008.

**45** Bold denotes a NR 140 Enforcement Standard Exceedance

Bold denotes a NR 140 Preventative Action Limit Exceedance

# Table 3
## WISCONSIN / MICHIGAN AUTO SALVAGE
## GROUNDWATER QUALITY DATA

**TW-1**
(ALL UNITS IN ug/L)

| Parameter | 12/30/08[3] | NR 140 PAL | NR 140 ES |
|---|---|---|---|
| Benzene | <0.41 | 0.5 | 5 |
| Ethylbenzene | <0.54 | 140 | 700 |
| Tetrachloroethylene | <0.45 | 0.5 | 5 |
| Toluene | <0.67 | 200 | 1000 |
| Trichloroethylene | <0.48 | 0.5 | 5 |
| Vinyl Chloride | <0.18 | 0.02 | 0.2 |
| m- & p-Xylene | <1.8 | 1000 | 10000 |
| o-Xylene | <0.83 | -- | -- |
| n-Butylbenzene | <0.93 | -- | -- |
| sec-Butylbenzene | <0.89 | -- | -- |
| 1,1-Dichloroethylene | <0.57 | 0.7 | 7 |
| cis-1,2-Dichloroethylene | <0.83 | 7 | 70 |
| trans-1,2-Dichloroethylene | <0.89 | 20 | 100 |
| Isopropylbenzene | <0.59 | -- | -- |
| Methyl Tert Butyl Ether | <0.61 | 12 | 60 |

and Limit of Quanitation(LOQ)

[3]Wells resampled per request by Kristin DuFrense, WDNR in attempt to close site in 2008

**45**

Bold denotes a NR 140 Preventative Action Limit Exceedance

**Table 1**
**Summary of Groundwater Elevations**
**Former Wisconsin-Michigan Auto Salvage**
**Green Bay, Wisconsin**

| Well ID | Date | Top of Screen Elev. | Screen Length | Depth of Well | TPVC Elev. | Depth to Water (TPVC) | Ground-Water Elev. |
|---|---|---|---|---|---|---|---|
| MW-1 | 10/03/06 | 594.1 | 10 | 14.5 | 598.95 | 1.72 | 597.23 |
| | 04/18/07 | | | | | 1.27 | 597.68 |
| | 10/22/07 | | | | | 1.25 | 597.70 |
| | 04/02/08 | | | | | 0.75 | 598.20 |
| | 12/30/08 | | | | | 3.30 | 595.65 |
| MW-2 | 10/03/06 | 594.6 | 10 | 14.5 | 598.44 | 1.88 | 596.56 |
| | 04/18/07 | | | | | 2.00 | 596.44 |
| | 10/22/07 | | | | | 1.62 | 596.82 |
| | 04/02/08 | | | | | 1.62 | 596.82 |
| | 12/30/08 | | | | | 3.93 | 594.51 |
| MW-5 | 10/03/06 | 594.9 | 10 | 14.5 | 599.19 | 1.82 | 597.37 |
| | 04/18/07 | | | | | 1.22 | 597.97 |
| | 10/22/07 | | | | | 1.33 | 597.86 |
| | 04/02/08 | | | | | 0.65 | 598.54 |
| | 12/30/08 | | | | | 3.62 | 595.57 |
| MW-6 | 10/03/06 | 594.7 | 10 | 14.5 | 599.49 | Damaged cover | |
| | 04/18/07 | | | | | Damaged cover | |
| | 10/22/07 | | | | | Damaged cover | |
| | 04/02/08 | | | | | Ice | --- |
| | 12/30/08 | | | | | 3.50 | 595.99 |
| MW-7 | 10/03/06 | 594.9 | 10 | 14.5 | 598.66 | 1.38 | 597.28 |
| | 04/18/07 | | | | | 0.93 | 597.73 |
| | 10/22/07 | | | | | 1.13 | 597.53 |
| | 04/02/08 | | | | | 1.13 | 597.53 |
| | 12/30/08 | | | | | 2.87 | 595.79 |
| MW-9 | 10/03/06 | 594.8 | 10 | 14.5 | 598.80 | 3.00 | 595.66 |
| | 04/18/07 | | | | | 1.43 | 597.37 |
| | 10/22/07 | | | | | 1.03 | 597.77 |
| | 04/02/08 | | | | | 1.25 | 597.55 |
| | 12/30/08 | | | | | 1.25 | 597.55 |
| MW-10 | 10/03/06 | 593.4 | 5 | 10.5 | 598.83 | 2.77 | 596.03 |
| | 04/18/07 | | | | | 1.63 | 597.20 |
| | 10/22/07 | | | | | 1.05 | 597.78 |
| | 04/02/08 | | | | | 1.24 | 597.59 |
| | 12/30/08 | | | | | ice | --- |
| MW-11 | 10/03/06 | 594.4 | 10 | 14.5 | 597.99 | 2.78 | 596.05 |
| | 04/18/07 | | | | | 2.76 | 595.23 |
| | 10/22/07 | | | | | 2.43 | 595.56 |
| | 04/02/08 | | | | | 2.31 | 595.68 |
| | 12/30/08 | | | | | ice | --- |
| TW-1 | 12/30/08 | 595.0 | 10 | 14 | 600.17 | 3.25 | 594.74 |
| | | | | | | 10.11 | 590.06 |